

CONTACT INFORMATION

Katie T. Kivlighan, PhD, MS, RN, CNM, Assistant Professor

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EDUCATION

2014	College of Nursing, University of New Mexico	Certificate	Nurse-Midwifery
2010	Albuquerque, NM School of Nursing, University of Maryland Baltimore Baltimore, MD	MS	Clinical Nurse Leader Program
2002 - 2006	College of Health and Human Development, Pennsylvania State University University Park, PA	PhD	Biobehavioral Health
2001	College of the Holy Cross Worcester, MA	BA	Biology
Post-Doctoral Training			
2006 - 2009	Johns Hopkins Bloomberg School of Public Health Baltimore, MD	Fellowship	Postdoctoral Fellowship

LICENSURE & CERTIFICATIONS

Registered Nurse: NM, 2010 - 2025

Certified Nurse-Midwife: NM, 2014 - 2025

Federal DEA Number, US Department of Justice: NM, 2014 - 2025

New Mexico Controlled Substance License, Board of Pharmacy: NM, 2014 - 2025

CNM: Certified Nurse-Midwife, 2014 - 2024

Neonatal Resuscitation Program, 2021 - 2025

Advanced Life Support in Obstetrics, 2022 - 2025

PROFESSIONAL EXPERIENCE

Academic Appointments and Research Experience

July 2021 - Present	University of New Mexico Albuquerque, NM	Assistant Professor- Tenure Track College of Nursing
January 2020 - June 2021	The University of New Mexico Albuquerque, NM	Assistant Professor- Flex Track College of Nursing
August 2014 - December 2019	University Midwifery Associates Albuquerque, NM	Certified Nurse- Midwife Department of OB/GYN, University of New Mexico Health Sciences Center
August 2006 - January 2009	Johns Hopkins Bloomberg School of Public Health Baltimore, MD	Postdoctoral Researcher Department of Population, Family, and Reproductive Health
June 2005 - August 2005	Pennsylvania State University University Park, PA	Instructor Department of Biobehavioral Health
January 2004 - August 2005	Pennsylvania State University University Park, PA	Graduate Research Assistant Family Life Project, Department of Human Development and Family Studies
2002 - 2004	Pennsylvania State University University Park, PA	Teaching Assistant Department of Biobehavioral Health

Clinical Experience

January 2020 - Present	Department of OB/GYN, University of New Mexico Albuquerque, NM	Certified Nurse Midwife
December 2011 - December 2012	Presbyterian Hospital Albuquerque, NM	Registered Nurse Family Birthing Center/Maternal Special Care
September 2010 - December 2011	Presbyterian Hospital Albuquerque, NM	Registered Nurse Women's Care Unit

Administrative Experience

August 2023 - Present	Clinical and Translational Sciences Center	Regulatory Knowledge and Support Lead
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CLINICAL PROGRAM NARRATIVE

Please see Teaching and Practice Summary Statement.

AWARDS, HONORS, AND FELLOWSHIPS

2023	New Mexico Nursing Excellence Albuquerque, NM	NM Nursing Excellence Award in Education / Research / Academia, Nominated
2023	American College of Nurse Midwives Silver Spring, MD	ACNM Excellence in Teaching Award, Received
2021	UNM College of Nursing Albuquerque, NM	Rosenblum-Weiss Endowment for Women's and Children's Health, Received
2015	First Choice Community Health Care Belen and Los Lunas, NM	National Health Service Corp Loan Repayment Program, Received
2014	UNM College of Nursing Albuquerque, NM	UNM College of Nursing Graduate Academic Achievement Award, Received
2011	Presbyterian Hospital Albuquerque, NM	Daisy Award Nominee, Nominated
2002	Penn State University University Park, PA	Bunton-Waller Award, Received
2005	Penn State University University Park, PA	Hintz Graduate Education Enhancement Award, Received
2005	Society for Research in Child Development Washington, DC, DC	Student Travel Award, Received
2004	Society for Behavioral Medicine Annual Meeting Baltimore, MD	Meritorious Student Poster, Received
2000	College of the Holy Cross, Biology Department Worcester, MA	Simeon J. Fortin Summer Research Fellowship, Received

RESEARCH PROGRAM NARRATIVE

Please see Research Summary Statement.

FUNDED RESEARCH & CREATIVE ACTIVITIES

Extramural

Arcaro, K. (Co-Principal), Schneider, S. (Co-Principal), Kivlighan, K. T. (Co-Investigator), "Mammary epithelium permeability, lactation outcomes, and infant health," Sponsored by National Institute of Child Health and Human Development, Federal, \$791639. (Funded: August 11, 2023 - May 31, 2028).

Ortiz, F. (Principal Investigator/ Project Director), Kivlighan, K. T. (Co-Investigator), Ruyak, S., "Advancing Midwifery Outcomes and Resiliency," Sponsored by Health Resources and Services Administration - MatCare Training Program, Federal, \$4000000. (Funded: September 30, 2023 - September 29, 2027).

Mackin, M. L. (Principal Investigator), Kivlighan, K. T. (Co-Investigator), "Breastfeeding Experiences and Implications for Maternal and Child Health," Sponsored by Western Institute of Nursing, Private, \$10000. (Currently Under Review: April 1, 2024 - May 31, 2025).

Kivlighan, K. T., "UNM Volunteer Birth Companion Program," Sponsored by W.K. Kellogg Foundation, Private, \$200000. (Funded: November 1, 2022 - October 31, 2024).

Kivlighan, K. T., DiPietro, J., "NIH/NICHD Postdoctoral National Research Service Award (1 F32 HD055001-01)," Sponsored by Johns Hopkins Bloomberg School of Public Health, Federal. (Funded: 2009).

Intramural

Ruyak, S., Kivlighan, K. T., Zychowski, K. E., "HSC Research Support Equipment Renovation Funding," Sponsored by University of New Mexico -Health Sciences, The University of New Mexico. (Funded: 2023 - Present).

Ruyak, S., Kivlighan, K. T., Zychowski, K. E., "HSC Research Support Equipment/Renovation Funding," Sponsored by University of New Mexico - Health Sciences, The University of New Mexico. (Funded: 2023 - Present).

Kivlighan, K. T., "Maternal-Infant Thermoregulation and Early Lactation Performance," Sponsored by Child Health Research Signature Program, The University of New Mexico, \$29969. (Funded: July 1, 2022 - June 30, 2023).

Kivlighan, K. T., "Oxytocin in human milk and association with early lactation performance.," Sponsored by Clinical and Translational Sciences Center, The University of New Mexico, \$24857. (Funded: June 1, 2021 - May 31, 2022).

Kivlighan, K. T. (Principal Investigator), Cox, K. (Co-Investigator), Murray-Krezan, C. (Co-Investigator), Shuster, G. (Co-Investigator), "Seligman Award," Sponsored by Department of OB/GYN, University of New Mexico Health Sciences Center, The

University of New Mexico, \$10000. (Funded: 2017).

SCHOLARSHIP & PUBLICATIONS

Peer-Reviewed Journal Articles

Kivlighan, K. T., Schneider, S. S., Browne, E. P.L., Pentecost, B. T., Anderton, D. L., Arcaro, K. F. (in press). Pro-inflammatory cytokines in human milk: Associations with increased mammary epithelium permeability during established lactation. *Frontiers in Nutrition*.

Kivlighan, K. T., Gardner, T., Murphy, C., Reiss, P., Griffin, C., Migliaccio, L. (2022). Grounded in community: Development of an innovative, birth-justice focused volunteer birth companion program. *Journal of Midwifery and Women's Health*, 67(6), 740-745. <https://onlinelibrary.wiley.com/doi/10.1111/jmwh.13407>

DiPietro, J., Kivlighan, K. T., Voegtline, K. M., Costigan, K. A., Moore, G. A. (2021). It Takes Two: An antenatal to postnatal RDoC framework for investigating the origins of maternal attachment and mother-infant social communication. *Development and Psychopathology*, 33(Special Issue 5: Applying RDoC-Informed Approaches to the Study of Development and Psychopathology), 1539-1553. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9109934/>

Ruyak, S., Kivlighan, K. T. (2021). Perinatal Behavioral Health, the COVID-19 Pandemic, and a Social Determinants of Health Framework. *JOGNN*, 50(5), 525-538. <https://doi.org/10.1016/j.jogn.2021.04.012>

R. H., Kivlighan, K. T., Ruyak, S., Q. J., Zychowski, K. E. (2020). Angiogenesis in Wound Healing Following Pharmacological and Toxicological Exposures. *Current Pathobiology Reports*, 8, 99-109. <https://link.springer.com/article/10.1007/s40139-020-00212-y>

Kivlighan, K. T., Murray-Krezan, C., Schwartz, T., Shuster, G., Cox, K. (2020). Improved breastfeeding duration with Baby Friendly Hospital Initiative implementation in a diverse and underserved population. *Birth (Berkeley, Calif.)*, 47(1), 135-143. <https://onlinelibrary.wiley.com/doi/10.1111/birt.12468>

DiPietro, J. A., Goldshore, M. A., Kivlighan, K. T., Pater, H. A., Costigan, K. A. (2015). The ups and downs of early mothering. *Journal of Psychosomatic Obstetrics and Gynaecology*, 36(3), 94-102. <https://www.tandfonline.com/doi/abs/10.3109/0167482X.2015.1034269>

DiPietro, J. A., Voegtline, K. M., Costigan, K. A., Aguiere, F., Kivlighan, K. T., Chen, P. (2013). Physiological reactivity of pregnant women to evoked fetal startle. *Journal of Psychosomatic Research*, 75(4), 321-326. <https://www.sciencedirect.com/science/article/abs/pii/S0022399913002742?via%3Dihub>

Voegtline, K. M., Costigan, K. A., Kivlighan, K. T., Henderson, J. L., DiPietro, J. A. (2013). Sex-specific associations of maternal prenatal testosterone levels with birth weight and weight gain in infancy. *Journal of Developmental Origins of Health and Disease*, 4(4), 280-284. <https://www.cambridge.org/core/journals/journal-of-developmental-origins-of-health-and-disease/article/abs/sexspecific-associations-of-maternal-prenatal-testosterone-levels-with-birth-weight-and-weight-gain-in->

[infancy/6FDDCBC30E4C52D20060FEB4F380312B](https://doi.org/10.1007/s00737-012-0321-z)

Voegtline, K. M., Costigan, K. A., Kivlighan, K. T., Laudenslager, M. L., Henderson, J. L., DiPietro, J. A. (2012). Concurrent levels of maternal salivary cortisol are unrelated to self-reported psychological measures in low-risk pregnant women. *Archives of Women's Mental Health*, 16(2), 101-8. <https://link-springer-com.libproxy.unm.edu/article/10.1007/s00737-012-0321-z>

Voegtline, K. M., Costigan, K. A., Kivlighan, K. T., Laudenslager, M. L., Henderson, J. L., DiPietro, J. A. (2012). Concurrent levels of salivary cortisol are unrelated to self-reported psychological measures in low-risk pregnant women. *Archives of Women's Mental Health*, 16(2), 101-108. <https://link-springer-com.libproxy.unm.edu/article/10.1007/s00737-012-0321-z>

Blair, C., Granger, D. A., Willoughby, M., Mills-Koonce, R., Cox, M., Greenberg, M. T., Kivlighan, K. T., Fortunato, C. K. (2011). Salivary cortisol mediates effects of poverty and parenting on executive functions in early childhood. *Child Development*, 82(6), 1970-1984. <https://srcd.onlinelibrary.wiley.com/doi/10.1111/j.1467-8624.2011.01643.x>

Allwood, M. A., Handwerger, K., Kivlighan, K. T., Granger, D. A., Stroud, L. R. (2011). Direct and moderating links of salivary alpha-amylase and cortisol stress reactivity to youth behavioral and emotional adjustment. *Biological Psychology*, 88(1), 57-64. <https://www.sciencedirect.com/science/article/abs/pii/S0301051111001529?via%3Dihub>

DiPietro, J. A., Costigan, K. A., Kivlighan, K. T., Chen, P., Laudenslager, M. L. (2010). Maternal salivary cortisol differs by fetal sex during the second half of pregnancy. *Psychoneuroendocrinology*, 36(4), 588-591. <https://www.sciencedirect.com/science/article/abs/pii/S0306453010002386?via%3Dihub>

DiPietro, J. A., Kivlighan, K. T., Costigan, K. A., Rubin, S. E., Schiffler, D. E., Hendersen, J. L., Pillion, J. P. (2010). Prenatal antecedents of newborn neurological maturation. *Child Development*, 81(1), 115-130. <https://srcd.onlinelibrary.wiley.com/doi/10.1111/j.1467-8624.2009.01384.x>

DiPietro, J. A., Kivlighan, K. T., Costigan, K. A., Laudenslager, M. L. (2009). Fetal motor activity and maternal cortisol. *Developmental Psychobiology*, 51(6), 505-512. <https://onlinelibrary.wiley.com/doi/10.1002/dev.20389>

Jansson, L. M., DiPietro, J. A., Velez, M., Elko, A., Knauer, H., Kivlighan, K. T. (2009). Maternal methadone dosing schedule and fetal neurobehavior. *Journal of Maternal-Fetal and Neonatal Medicine*, 22(1), 29-35. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2716036/>

Stroud, L. R., Foster, E., Papandonatos, G. D., Handweger, K., Granger, D. A., Kivlighan, K. T., Niaura, R. (2009). Stress response and the adolescent transition: performance versus peer rejections stressors. *Developmental Psychopathology*, 21(1), 47-68. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2700625/>

Kivlighan, K. T., DiPietro, J. A., Costigan, K. A., Laudenslager, M. L. (2008). Diurnal rhythm of cortisol during late pregnancy: Association with maternal psychological well-being and

- fetal growth. *Psychoneuroendocrinology*, 33(9), 1225-1235. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2806090/>
- Blair, C., Granger, D. A., Kivlighan, K. T., Mills-Koonce, R., Willoughby, M., Greenberg, M. T., Hibel, L. C., Fortunato, C. K. (2008). Maternal and child contributions to cortisol response to emotional arousal in young children from low-income, rural communities. *Developmental Psychology*, 44(4), 1095-1109. <https://psycnet.apa.org/record/2008-08592-016>
- Granger, D. A., Blair, C., Willoughby, M., Kivlighan, K. T., Hibel, L. C., Fortunato, C. K., Wiegand, L. E. (2007). Individual differences in salivary cortisol and alpha-amylase in mothers and their infants: relation to tobacco smoke exposure. *Developmental Psychobiology*, 49(7), 692-701. <https://onlinelibrary-wiley-com.libproxy.unm.edu/doi/abs/10.1002/dev.20247>
- Granger, D. A., Kivlighan, K. T., Fortunato, C., Harmon, A. G., Hibel, L. C., Schwartz, E. B., Whembolua, G. L. (2007). Integration of salivary biomarkers into developmental and behaviorally oriented research: Problems and solutions for collecting specimens. *Physiology and Behavior*, 92(4), 583-590. <https://www.sciencedirect.com/science/article/abs/pii/S0031938407001734?via%3Dihub>
- Granger, D. A., Kivlighan, K. T., El-Sheikh, M., Gordis, E., Stroud, L. (2007). Salivary alpha-amylase in biobehavioral research: Recent developments and applications. *Annals of the New York Academy of Sciences*, 1098, 122-144. <https://nyaspubs-onlinelibrary-wiley-com.libproxy.unm.edu/doi/full/10.1196/annals.1384.008>
- Blair, C., Granger, D., Willoughby, M., Kivlighan, K. T. (2007). Maternal sensitivity is related to hypothalamic-pituitary-adrenal axis stress reactivity and regulation in response to emotion challenge in 6-month-old infants. *Annals of the New York Academy of Sciences*, 1094(1), 263-267. <https://nyaspubs.onlinelibrary.wiley.com/doi/abs/10.1196/annals.1376.031>
- Kivlighan, K. T. (2006). Testosterone and social behavior. *Social Forces*, 85(1), 167-191. <https://academic.oup.com/sf/article-abstract/85/1/167/2234949?redirectedFrom=fulltext&login=false>
- Hibel, L. C., Granger, D. A., Kivlighan, K. T., Blair, C. (2006). Individual differences in salivary cortisol: associations with common over-the-counter and prescription medication status in infants and their mothers. *Hormones and Behavior*, 50(2), 293-300. <https://www.sciencedirect.com/science/article/abs/pii/S0018506X06000651?via%3Dihub>
- Granger, D. A., Kivlighan, K. T., Blair, C., El-Sheikh, M., Mize, J., Lisenbee, J. A., Stroud, L. R., Schwartz, E. B., Handwerker, K. (2006). Integrating the measurement of salivary alpha-amylase into studies of child health, development, and social relationships. *Journal of Social and Personal Relationships*, 23(2), 267-290. <https://journals-sagepub-com.libproxy.unm.edu/doi/10.1177/0265407506062479>
- Kivlighan, K. T., Granger, D. A. (2006). Salivary alpha-amylase response to competition: Relation to gender, previous experience, and attitudes. *Psychoneuroendocrinology*, 31(36), 703-714.

<https://www.sciencedirect.com/science/article/pii/S0306453006000230?via%3Dihub>

Whembolua, G. L., Granger, D. A., Singer, S., Kivlighan, K. T., Marguin, J. A. (2005). Bacteria in the oral mucosa and its effects on the measurement of cortisol, dehydroepiandrosterone, and testosterone in saliva. *Hormones and behavior*, 49(4), 478-83.

<https://www.sciencedirect.com/science/article/pii/S0018506X05002369?via%3Dihub>

Horvat-Gordan, M., Granger, D. A., Schwartz, E. B., Nelson, V. J., Kivlighan, K. T. (2005). Oxytocin is not a valid biomarker when measured in saliva by immunoassay. *Physiology and Behavior*, 84(3), 445-448.

<https://www.sciencedirect.com/science/article/pii/S0031938405000120?via%3Dihub>

Kivlighan, K. T., Granger, D. A., Schwartz, E. B. (2005). Blood contamination and the measurement of salivary progesterone and estradiol. *Hormones and Behavior*, 47(3), 367-370.

<https://www.sciencedirect.com/science/article/pii/S0018506X0400248X?via%3Dihub>

Granger, D. A., Shirtcliff, E. A., Booth, A., Kivlighan, K. T., Schwartz, E. B. (2004). The "trouble" with salivary testosterone. *Psychoneuroendocrinology*, 29(10), 1229-1240.

<https://www.sciencedirect.com/science/article/pii/S0306453004000186?via%3Dihub>

Kivlighan, K. T., Granger, D. A., Booth, A. (2004). Gender differences in testosterone and cortisol response to competition. *Psychoneuroendocrinology*, 30(1), 58-71.

<https://www.sciencedirect.com/science/article/pii/S0306453004000757?via%3Dihub>

Kivlighan, K. T., Granger, D. A., Schwartz, E. B., Nelson, V., Curran, M., Shirtcliff, E. (2004). Quantifying blood leakage into the oral mucosa and its effects on the measurement of cortisol, dehydroepiandrosterone, and testosterone in saliva. *Hormones and Behavior*, 46(1), 39-46.

<https://www.sciencedirect.com/science/article/abs/pii/S0018506X04000613?via%3Dihub>

Granger, D. A., Kivlighan, K. T. (2003). Integrating biological, behavioral, and social levels of analysis in early child development: Progress, problems and prospects. *Child Development*, 74(4), 1058-1063. <https://srcd.onlinelibrary.wiley.com/doi/10.1111/1467-8624.00590>

Media Coverage and Interviews

Kivlighan, K. T. (October 17, 2023). Breast and Body Feeding: UNM College of Nursing Professor Awarded Grant for Lactation Research, HSC Newsroom

<https://hsc.unm.edu/news/2023/10/breast-and-body-feeding-lactation-research.html>

Kivlighan, K. T. (January 2023). Seeking Better Outcomes: UNM College of Nursing Receives Kellogg Foundation Funding for Volunteer Birth Companion Program, UNM Health Sciences Newsroom

Kivlighan, K. T. (October 2022). Researching a Health Start on Life: From researcher to nurse-midwife, assistant professor is helping improve breastfeeding outcomes, UNM Nurse

Curriculum Vitae - Katie T. Kivlighan, PhD, MS, RN, CNM, Assistant Professor February 13, 2024

Kivlighan, K. T. (2021). Ask These 5 Questions To Choose Your Pregnancy Care Provider, UNM OB/GYN Blog

Kivlighan, K. T. (2021). Centering Pregnancy Group Prenatal Care: Find Your Pregnancy Buddies, UNM OB/GYN Blog

Kivlighan, K. T. (2021). What Does a Doula Do? Plus Tips To Find Your Perfect Match, HSC OB/GYN Blog

Kivlighan, K. T. (2020). 5 Tips for What to Include On Your Birth Plan, HSC OB/GYN Blog

Kivlighan, K. T. (March 29, 2019). UNM Hospitals debut new birth companion program for disadvantaged women, KRQE <https://youtu.be/FK905wkDi3c>

PRESENTATIONS

International

Kivlighan, K. T., Shields, A., Murray-Krezan, C. (November 12, 2023). *Obesity-Related Differences in Perinatal Care Practices & Lactation Outcomes*. Poster presented at Academy of Breastfeeding Medicine 28th Annual International Meeting, Academy of Breastfeeding Medicine, Schaumburg, IL, United States.

Kivlighan, K. T., Schneider, S. S., Browne, E. P., Pentecost, B. T., Anderton, D. L., Arcaro, K. F. (October 25, 2022). *Maternal and Infant Factors Associated with Increased Mammary Epithelium Permeability During Established Lactation*. Poster presented at The 21st International Society for Research in Human Milk and Lactation (ISRHML) Conference, International Society for Research in Human Milk and Lactation, Panama City, Panama.

Kivlighan, K. T., Dowdy-Sue, MD, H., Brown, E., Stuart, A., Upshaw, M., Murray-Krezan, C. (September 18, 2022). *Medication Use During Childbirth and Lactation Outcomes During Baby Friendly Hospital Initiative Implementation*. Poster presented at Academy of Breastfeeding Medicine 27th Annual International Meeting, Academy of Breastfeeding Medicine, Baltimore, MD, United States.
<https://www.liebertpub.com/doi/10.1089/bfm.2022.29217.abstracts>

Migliaccio, L., Ortiz, F., Kivlighan, K. T. (May 23, 2021). *Poetry as a Teaching Tool to Deepen Understanding of One's Own and Women's Lived Experiences*. Oral Presentation presented at ACNM Annual Meeting Educators Workshop, American College of Nurse Midwives, United States.
<https://www.midwife.org/acnm/files/cclibraryfiles/filename/000000008256/2021-ACNM-Annual-Meeting-Program.pdf>

Cox, K., Kivlighan, K. T., Murray-Krezan, C., Schwartz, T., Scott, M., Schuster, G. (2017). *Predictors of successful early postpartum breastfeeding during the transition to Baby Friendly status*. Poster presented at 3151 Triennial Congress of the International Confederation of Midwives, The International Confederation of Midwives, Toronto,

Canada.

Voegtline, K. M., Kivlighan, K. T., Blair, C., Granger, D. A., Stifter, C. A. (2008). *Adrenocortical sensitivity of preterm infants to maternal depression in rural, low-income sample at 6, 15, and 24 months*. Oral Presentation presented at International Society for the Study of Behavioral Development, International Society for the Study of Behavioral Development, Wuerzberg, Germany.

National

Ortiz, F. M., Overman, B. A., Kivlighan, K. T., Migliaccio, L., Ruyak, S. L. (February 6, 2024). *Delivering AMOR (Advancing Midwifery Outcomes and Resiliency)*. Poster presented at AACN Diversity Symposium, American Association of Colleges of Nursing, New Orleans, LA, United States.

Kivlighan, K. T. (May 25, 2023). *Perinatal Oxytocin and Early Lactation Outcomes*. Oral Presentation presented at Human Anatomy and Physiology Society 2023 Annual Conference, Human Anatomy and Physiology Society, Albuquerque, United States. <https://www.hapsweb.org/page/2023landing>

Kivlighan, K. T., Sebesta, E., Garrett, C., Jaquez, Q. (May 8, 2023). *Oxytocin in Human Milk and Early Lactation Outcomes*. Poster presented at ACNM 68th Annual Meeting and Exhibition, American College of Nurse Midwives, Orlando, FL, United States. https://tools.eventpower.com/agenda_module/schedule/display/23ACNM-ANNUAL?agenda_id=1850

Kivlighan, K. T., Murray-Krezan, C., Brown, E., Stuart, A., Dowdy-Sue, H., Upshaw, M. (May 25, 2021). *Synthetic oxytocin and exclusive breastfeeding: The effect of Baby Friendly Hospital Initiative implementation*. Poster presented at American College of Nurse Midwives 66th Annual Meeting, American College of Nurse Midwives, Portland, OR, United States.

Fortunato, C. K., Kivlighan, K. T., Granger, D. A. (2007). *Consistency in cortisol reactivity to challenge between 6 and 15 months is related to infant temperament and maternal behavior*. Oral Presentation presented at The Society for Research in Child Development, The Society for Research in Child Development, Boston, MA, United States.

Kivlighan, K. T., Granger, D. A., Blair, C. (2007). *Infant salivary alpha-amylase and cortisol reactivity to challenge: Relation to behavioral reactivity and maternal behavior*. Oral Presentation presented at The Society for Research in Child Development, The Society for Research in Child Development, Boston, MA, United States.

Stroud, L., Handweger, K., Kivlighan, K. T., Granger, D. A., Niaura, R. (2007). *Physiological responses to social rejection versus performance stress over the adolescent transition: Links to adjustment*. Oral Presentation presented at The Society for Research in Child

Development, The Society for Research in Child Development, Boston, MA, United States.

Fortunato, C. K., Kivlighan, K. T., Davis, L., Granger, D. A. (2007). *Trials and tribulations of collecting saliva samples from infants: Prevalence and impact on 2007 salivary alpha-amylase and cortisol*. Poster presented at The Society for Research in Child Development, The Society for Research in Child Development, Boston, MA, United States.

Stroud, L. R., Handwerger, K., Granger, D. A., Solomon, C., Kivlighan, K. T., Niaura, R. (2006). *Alpha amylase responses to achievement and interpersonal stressors over adolescence: Developmental differences and associations with cortisol and cardiovascular responses*. Oral Presentation presented at Biennial Meeting of the Society for Research in Adolescence, The Society for Research in Adolescence, San Francisco, CA, United States.

Kivlighan, K. T., Granger, D. A., Blair, C., Whembolua, G. L. (2006). *Mother-infant physiological reactivity to infant distress: Teenage motherhood and maternal psychopathology in low SES families*. Oral Presentation presented at The Society for Research in Adolescence, The Society for Research in Adolescence, San Francisco, CA, United States.

Stroud, L. R., Handwerger, K., Granger, D. A., Kivlighan, K. T., Solomon, c. (2006). *Saliva alpha- amylase stress reactivity in children and adolescents: Validity, associations with cortisol, and links behavior*. Oral Presentation presented at Annual Meeting for the American Psychosomatic Society, The American Psychosomatic Society, Denver, CO, United States.

West, S. G., Granger, D. A., Kivlighan, K. T., Psota, T. L., Hurston, K. L. (2006). *Salivary alpha- amylase response to the cold pressor is correlated with cardiac markers of sympathetic activation*. Oral Presentation presented at Annual Meeting for the American Psychosomatic Society, The American Psychosomatic Society, Denver, CO, United States.

Kivlighan, K. T., Granger, D. A., Blair, C. (2005). *Salivary a-amylase and cortisol: Levels and stress reactivity in 6 month old infants and their mothers*. Oral Presentation presented at Biennial Meeting of the Society for Research in Child Development, The Society for Research in Child Development, Atlanta, GA, United States.

McClellan, L. C., Kivlighan, K. T., Granger, D. A. (2005). *Testosterone and youth soccer competition: Developmental, gender, and situational differences*. Poster presented at Biennial Meeting of the Society for Research in Child Development, The Society for Research in Child Development, Atlanta, GA, United States.

Kivlighan, K. T., Schwartz, E. B., Granger, D. A. (2004). *Microinjury to the oral cavity and the measurement of salivary biomarkers commonly used in biobehavioral research*. Poster presented at Annual Meeting of the Society of Behavioral Medicine, The Society for

Behavioral Medicine, Baltimore, MD, United States.

Schwartz, E. B., Kivlighan, K. T., Shirtcliff, E. A., Granger, D. A. (2003). *Blood contamination of saliva samples and the assay of common salivary biomarkers used in studies of child health and development*. Poster presented at Biennial Meeting of the Society for Research in Child Development, The Society for Research in Child Development, Tampa, FL, United States.

Regional and Other Invited Presentations

Kivlighan, K. T. (October 20, 2023). *Evolving Approaches to Lactation Pain: Inflammation, Infection, and Hyperlactation*. Oral Presentation presented at 2023 Annual Women's Health Conference, University of New Mexico School of Medicine, Albuquerque, United States. <https://hsc.unm.edu/medicine/education/cpl/cpl-docs/whc23-brochure.pdf>

Page, K., Kivlighan, K. T., Myaskovsky, L., Sood, A., Unruh, M., Wong, C. (October 16, 2023). *Unlocking the Mysteries of Translational Sciences vs. Translational Research*. Panel Presentation presented at Clinical and Translational Science Center (CTSC) Training Series, University of New Mexico Health Sciences Center CTSC, Albuquerque, NM, United States. <https://hsc.unm.edu/ctsc/training/translational-science-vs-research.html>

Kivlighan, K. T. (August 31, 2021). *Perinatal Care Practices and Lactation Outcomes*. Oral Presentation presented at Alumni Scholarship and Speaker Research Series, College of Nursing, Albuquerque, NM, United States. <https://hsc.unm.edu/nursing/about/news/events/speaker-series/>

Kivlighan, K. T., Murray-Krezan, C. (March 12, 2020). *Synthetic oxytocin and breastfeeding in a Baby Friendly Hospital*. Poster presented at New Mexico Breastfeeding Task Force Annual Meeting, New Mexico Breastfeeding Task Force, Albuquerque, NM, United States.

Murphy, C., Reiss, P., Gardner, T., Kivlighan, K. T. (2019). *UNM Birth Companions: The benefits of doulas*. Panel Presentation presented at Department of OB/GYN Grand Rounds, UNM School of Medicine, Albuquerque, NM, United States.

Riese, H., Kivlighan, K. T., Cox, K., Murray-Krezan, C., Schuster, G. (2017). *Postpartum hemorrhage: Does it really impact breastfeeding? An experience with the Baby Friendly Hospital Initiative*. Oral Presentation presented at 19th Women's Health Research Symposium, UNM School of Medicine, Albuquerque, NM, United States.

Kivlighan, K. T., DiPietro, J. A., Costigan, K. A., Laudenslager, M. L. (2007). *The cortisol diurnal rhythm during late pregnancy: Associations with parity, maternal anxiety, and somatic size at birth*. Poster presented at Third Annual Postdoctoral Fellows Poster Competition, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, United States.

In Process Scholarly Activities

- Bookhart, Larelle, Esquerra-Zwiers, Anita, Kivlighan, Katie T., Parker, Leslie Ann, DeVane, Stephanie, Medina Poeliniz, Clarisa, Meier, Paula. Integrative Review: Point-of-Care Measures for Management of Suboptimal Lactation in Term Infants. Current Status: On-Going. (August 15, 2023 - Present).
- Arcaro, Kathleen, Kivlighan, Katie T., Schneider, Sallie, Pentecost, Brian. Mammary Epithelium Permeability, Lactation Outcomes, and Infant Health. Current Status: On-Going. (August 11, 2023 - Present).
- Kivlighan, Katie T., Sebesta, Emilie. Maternal-Infant Thermoregulation and Lactation Outcomes. Current Status: On-Going. (July 2022 - Present).
- Ruyak, Sharon, Bakhireva, Ludmila, Kivlighan, Katie T., Rodriguez, Dominique, Enriquez Marquez, Lidia. Prenatal Stress Scoping Review. Current Status: Writing Results. (May 2020 - Present).
- Kivlighan, Katie T., Mendez, Armando. Oxytocin and Breastfeeding #2 - Validation of Oxytocin in Human Milk. Current Status: On-Going. (April 2020 - Present).
- Kivlighan, Katie T., Gillette, Jennifer, Sebesta, Emilie. Oxytocin and Breastfeeding #3 - Oxytocin and Early Lactation Performance. Current Status: Writing Results. (April 2020 - Present).
- Kivlighan, Katie T., Murray-Krezan, Cristina, Carmody, Mary. Oxytocin and Breastfeeding #1 - Retrospective Chart Review. Current Status: Writing Results. (January 2020 - Present).
- Ortiz, Felina, Migliaccio, Laura, Kivlighan, Katie T., Ruyak, Sharon. UNM CON Nurse-Midwifery Program Symposium: Honoring 30 Years of Midwifery Education in NM. Current Status: Complete. (September 8, 2023).
- Kivlighan, Katie T., DiPietro, Janet, Voegtline, Kristin, Moore, Ginger. Patterns of Fetal to Infant Attachment. Current Status: Complete. (May 2020 - July 2021).

PROFESSIONAL ORGANIZATIONS

Service to Professional Organizations

June 2023 - Present	Breastfeeding Medicine	Reviewer/Referee
January 2023 - Present	BEing HEARD Study Community Advisory Board - R01 (Pilar Sanjuan, PI)	Committee Member
January 2023 - Present	BMJ Open	Reviewer/Referee
August 2022 - Present	Pediatrics	Reviewer/Referee
May 2022 - Present	Journal of Obstetric, Gynecologic, & Neonatal Nursing	Reviewer/Referee

February 2022 - Present	Journal of Advanced Nursing	Reviewer/Referee
February 2021 - Present	Human Milk Repository of New Mexico Albuquerque, NM	Board of Advisors
January 2021 - Present	European Journal of Midwifery Athens, Greece	Reviewer/Referee
2019 - Present	Birth	Reviewer/Referee
July 2018 - Present	UNM Volunteer Birth Companion Program Albuquerque, NM	Chairperson
2015 - Present	Psychoneuroendocrinology	Reviewer/Referee
2019	Psychiatry Research	Reviewer/Referee
2016 - 2019	Midwifery Division Research Committee, Department of OB/GYN	Committee Member
2018	Baby Friendly Hospital Initiative Committee, University of New Mexico Hospital Albuquerque, NM	Committee Member
2016	Journal of Psychosomatic Obstetrics and Gynecology	Reviewer/Referee
2015	Midwifery Division Chief Search Committee, Department of OB/GYN Albuquerque, NM	Committee Member
2014	American Journal of Human Biology	Reviewer/Referee
2013 - 2014	New Mexico ACNM Affiliate	Student Representative
2013 - 2014	American College of Nurse Midwives (ACNM) Student Issues Section	UNM Student Liaison
2011	Action Team for Women's Service Line, Presbyterian Hospital Albuquerque, NM	Committee Member
2009 - 2010	Maternal Child Health Advocates, University of Maryland Baltimore Baltimore, MD	Officer
2007 - 2009	Affiliated Program Group, Department of Biobehavioral Health, Penn State University	President
2004 - 2006	Faculty Search Committee, Department of Biobehavioral Health, Penn State University	Student Representative
2005	Biennial Meeting of the Society for Research in Adolescence	Reviewer/Referee

Service to Professional Publications

June 2023 - Present	Breastfeeding Medicine	Reviewer/Referee
January 2023 - Present	BMJ Open	Reviewer/Referee
August 2022 - Present	Pediatrics	Reviewer/Referee
May 2022 - Present	Journal of Obstetric, Gynecologic, & Neonatal Nursing	Reviewer/Referee
February 2022 - Present	Journal of Advanced Nursing	Reviewer/Referee
January 2021 - Present	European Journal of Midwifery Athens, Greece	Reviewer/Referee
2019 - Present	Birth	Reviewer/Referee
2015 - Present	Psychoneuroendocrinology	Reviewer/Referee
2019	Psychiatry Research	Reviewer/Referee
2016	Journal of Psychosomatic Obstetrics and Gynecology	Reviewer/Referee
2014	American Journal of Human Biology	Reviewer/Referee

Memberships

August 2022 - Present	International Society for Research in Human Milk and Lactation
2022 - Present	Academy of Breastfeeding Medicine
2017 - Present	New Mexico Breastfeeding Task Force
2011 - Present	American College of Nurse Midwives (ACNM), New Mexico Affiliate
2010 - Present	Sigma Theta Tau, University of New Mexico
2016 - 2020	American Society for Colposcopy and Cervical Pathology (ASCCP)
2010 - 2012	Association of Women's Health, Obstetric, and Neonatal Nurses
2004 - 2008	Society for Research in Child Development

ACADEMIC SERVICE

The University of New Mexico Health Sciences Campus

August 2023 - Present	CTSC Executive Leadership Committee	Member
August 2022 - January 2023	HSC Shared Facility Assessment Team	Member
May 2022	Health Sciences Center Renovations Funding Committee	Member

The University of New Mexico College of Nursing

January 2023 - Present	Member
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July 2021 - Present	Member
January 2020 - Present	Member
September 2022 - July 2023	Member
January 2023 - February 2023	Member
February 2020 - July 2021	Member
March 2020 - September 2020	Member

PUBLIC/ COMMUNITY SERVICE

August 2022	Undergraduate Pipeline Network Summer Research Program Poster Session Albuquerque, NM	Judge
February 2021	First Nations COVID-19 Vaccine Clinic Albuquerque, NM	Volunteer

Summary of Service Activities:

Please see Service Summary Statement.

TEACHING AND MENTORING

Current Teaching Responsibilities:

NURS 544: Antepartum & Postpartum Care	Spring, 2023 Spring, 2022 Spring, 2021 Spring, 2020
NURS 548: Women's Health	Spring, 2020
NURS 550: Intrapartum Care	Summer, 2023 Summer, 2022 Summer, 2021 Fall, 2020 Summer, 2020
NURS 552: Evid-Based Care Nurs Midwifery	Fall, 2022 Fall, 2021
NURS 597: Applied Examination	Spring, 2023 Spring, 2023

Teaching Innovation and Curriculum Development

N550 - Developed interprofessional class on advanced lactation management	August 2021 - Present	Curricular Development
Birth Companion Elective Part 1 and 2 - Did not proceed with plans for development	September 2021	New Course
BSN to DNP Program	January 2020 - July 2021	Revise Existing Degree Program

Guest Lectures

August 2023	Department of OB/GYN, School of Medicine Albuquerque, NM	Lactation Basics
March 2023	College of Nursing - NMNC 3210, Health & Illness, Course Lead - Melinda Tinkle Albuquerque, NM	Grounded in Community: Development of a Birth Justice Focused Volunteer Birth Companion Program
August 2022	College of Nursing Albuquerque, NM	Perinatal Care Practices and Lactation Success
March 2022	College of Nursing United States	N541 Screening for OB Complications and Postpartum Care
2016 - 2019	Department of OB/GYN Albuquerque, NM	Prenatal, Intrapartum and Postpartum Cases

Community Workshops, Seminars, and Continuing Education Instruction

November 2023 – November 2023	Beyond Boundaries: Grief Education and Support for Clinicians Marigolde, UNM Volunteer Birth Companion Program, College of Nursing, Department of OB/GYN Albuquerque, NM	Workshop
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PRE-DOCTORAL STUDENTS SUPERVISED OR MENTORED:

2023 - Present	Directed Individual/Independent Study	Shana Vorenberg Other Candidate	Current Student, UNM Department of OB/GYN
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DOCTORAL STUDENT DISSERTATIONS AND PROJECTS:

2023 - Present	Directed Individual/Independent Study	Shana Vorenberg UNM School of Medicine Other Candidate	Current Student, UNM Department of OB/GYN
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2022	Supervised Research	Hannah Dowdy-Sue UNM School of Medicine MD Candidate	Current Student, UNM School of Medicine
2021	Supervised Research	Hannah Dowdy-Sue UNM School of Medicine MD Candidate	Practicing Health Professional, University of New Mexico

FACULTY MENTORING

December 2023 - Present	Research Advisor	Sandra Cardenas PhD Candidate	Current Student, University of New Mexico College of Nursing
December 2023 - Present	Faculty to Faculty Mentor	Shana Vorenberg Staff	Practicing Health Professional
2016 - 2017	Research Advisor	Heather Riese Clinician Educator, Instructor	Practicing Health Professional

TEACHING NARRATIVE

Please see Teaching and Practice Summary Statement.

SPECIALIZED TRAINING

Software / Applications

SPSS

Languages

English (Native or Bilingual), Spanish (Limited Working)