

CURRICULUM VITAE

Jane Blood-Siegfried, PhD, RN, CPNP

Primary academic appointment: Duke University School of Nursing

Present academic rank and title: Professor

Nursing Licensure:

North Carolina License

California License

Specialty certification:

CPNP (Certified Pediatric Nurse Practitioner)

1979-present

Education:

	<u>Institution</u>	<u>Dates (Year)</u>	<u>Degree(s)</u>
Post-Doctoral Fellowship	National Institute of Environmental Health Sciences (NIEHS)	1998-2000	—
Graduate or Professional School	University of California-Los Angeles	1991-1995	PhD
	California State University-Fresno	1982-1983	MSN
	California State University-Fresno	1982-1983	Health Services credential
	California State University-Fresno	1974-1975	PNP - certificate
College	California State University-Fresno	1968-1973	BSN

Scholarly societies:

Sigma Theta Tau International

1990-present

Professional training and academic career:

<u>Institution</u>	<u>Position/Title</u>	<u>Dates (Year)</u>
University for Development Studies School of Medicine and Health Science Tamale, Ghana	Adjunct Professor, Department of Anesthesia (2-year appointment)	Dec. 2014- Dec. 2016
Duke Global Health Institute Durham, NC	Affiliate Faculty	2015-present
Duke University School of Nursing Durham, NC	Director of Global Education Partnerships and Innovation	2014-present
Mother Patern College of Health Sciences, Monrovia, Liberia	Lecturer	July 2013
Duke University School of Nursing Durham, NC	Professor, Clinical Track	2012-present
Oak Island Pediatrics Southport, NC	Pediatric Nurse Practitioner (8-10 hrs/month)	2007-2017
Duke University School of Nursing Durham, NC	Associate Professor, Clinical Track	2006-2011
Duke University School of Nursing Durham, NC	Assistant Professor, Clinical Track	2004-2005
National Institute of Environmental Health Sciences (NIEHS)	Guest Researcher	2000-2004
Duke-NIEHS Nurse Fellowship Durham, NC	Research Fellow (50% salary)	1998-2000
Duke University School of Nursing Durham, NC	Director, PNP Program	1996-2005
Duke University School of Nursing Durham, NC	Assistant Professor, Research Track	1996-2004
University of California-Los Angeles Los Angeles, CA	Lecturer, Physical Assessment Primary Ambulatory Care, PNP/FNP	1995-1996
Harbor UCLA Medical Center Los Angeles, CA	Pediatric Nurse Practitioner, Newborn Nursery Immunology Clinic	1991-1995
Statewide Nursing Program Carson, CA	Instructor, Community Health, Maternal Child, Management, Nursing Theory	1989-1996
University of California-Los Angeles Los Angeles, CA	Lecturer, Physical Assessment, Primary Ambulatory Care	1989-1991
Personal Care HHA Los Angeles, CA	Home Health Nurse	1989

<u>Institution</u>	<u>Position/Title</u>	<u>Dates (Year)</u>
Personal Care Home Health Fresno, CA	Director of Nursing	1986-1989
California State University Fresno, CA	Lecturer, Primary Ambulatory Care, School of Nursing, Pediatrics, Physical Assessment	1982-1988
Valley Children's Hospital Fresno, CA	Staff Nurse, Pediatrics	1982-1983
Valley Medical Center Fresno, CA	Pediatric Nurse Practitioner	1979-1982
Merced County School District Fresno, CA	School Nurse, Pregnant Minors	1979
Merced County Health Department Fresno, CA	Pediatric Nurse Practitioner	1977-1979
Fresno County Schools Migrant Health, Fresno, CA	School Nurse Practitioner	1976-1977
Valley Medical Center Fresno, CA	Pediatric Nurse Practitioner	1975-1976
Valley Medical Center Fresno, CA	Staff Nurse, Pediatrics	1973-1975

Publications:

Refereed Journals:

1. Bauk, K., Rende, E., Sylvester, F., Kelly, M., Powell, V., & **Blood-Siegfried, J.** (2019, in press). Using a clinical pathway and an electronic medical record shortcut to increase utilization of an evidence-based practice guideline in pediatric constipation. *Gastroenterology Nursing*, in press for 43(1). forthcoming 2020 Jan/Feb.
2. Herring, C., Brown, S. K., Morgan, B. T., Thompson, J., Kullmar, A., & **Blood-Siegfried, J.** (2019). Virtual orientation of volunteer short-term international health teams to increase self-confidence and cultural and global health competence. *The Journal of Continuing Education in Nursing*, 50(1), 35-40. doi: 10.3928/00220124-20190102-08. [PMID: 30645657](https://pubmed.ncbi.nlm.nih.gov/30645657/)
3. Manget, J. C., Kelley, F. R., White, M. J., & **Blood-Siegfried, J.** (2018). Implementation of attention-deficit/hyperactivity disorder guidelines in an urban pediatric primary care clinic. *Journal of Clinical Outcomes Management*, 25(4), 167-174. <https://www.mdedge.com/jcomjournal/article/161214/pediatrics/implementation-attention-deficit/hyperactivity-disorder>

Refereed Journals:

4. Phifer, L., Robeano, K., Ivey, A., & **Blood-Siegfried, J.** (2018). Using motivational interviewing to impact readiness of RNs to return to the classroom. *JONA: Journal of Nursing Administration*, 48(6), 349-351. doi: 10.1097/NNA.0000000000000626. [PMID: 29794599](#)
5. Wilson, G. M., Ame, A. M., Khatib, M. M., Rende, E. K., Hartman, A. M., & **Blood-Siegfried, J.** (2017). Helping Babies Breathe implementation in Zanzibar, Tanzania. *International Journal of Nursing Practice*, 23(4), e12561. doi: 10.1111/ijn.12561. [PMID: 28631394](#)
6. Msuya, M., **Blood-Siegfried, J.**, Chugulu, J., Kidayi, P., Sumaye, J., Machange, R., Mtuya, C. C., & Pereira, K. (2017). Descriptive study of nursing scope of practice in rural medically underserved areas of Africa, South of the Sahara. *International Journal of Africa Nursing Sciences*, 6, 74-82. doi: <http://dx.doi.org/10.1016/j.ijans.2017.04.003> <https://www.sciencedirect.com/science/article/pii/S2214139116300373>
7. Chinnadurai, K., Fenlason, L., Bridges, B., Espahbodi, M., Chinnadurai, S., & **Blood-Siegfried, J.** (2016). Implementation of a sustainable ventilator-associated pneumonia prevention protocol in a pediatric intensive care unit in Managua, Nicaragua. *Dimensions of Critical Care Nursing*, 35(6), 323-331. doi: 10.1097/DCC.0000000000000178 [PMID: 27749435](#)
8. **Blood-Siegfried, J.**, Zeantoe, G. C., Evans, L. J., Bondo, J., Forstner, J. R., & Wood, K. (2015). The impact of nurses on neglected tropical disease management. [Review] *Public Health Nursing*, 32(6), 680-701. doi: 10.1111/phn.12149. [PMID: 25229995](#)
9. Rankin, A., **Blood-Siegfried, J.**, Chlebowy, D., & Vorderstrasse, A. (2015). Implementation of childhood obesity prevention strategies in primary care: a quality improvement project. *International Journal of Pediatric and Adolescent Medicine*, 2(2), 59-63. <http://dx.doi.org/10.1016/j.ijpam.2015.05.002>
10. Roberson, K. M., **Blood-Siegfried, J. E.**, Derouin, A. L., & Vartenisian, J. P. (2015). Improving access through implementation of site-based well-child visits in Head Start. *NSHA Dialog: The Research-to-Practice Journal for the Early Childhood Field*, 18(2), 57-70. <https://journals.uncc.edu/dialog/issue/view/45>
11. Eggert, L. K., **Blood-Siegfried, J.**, Champagne, M., Al-Jumaily, M., & Biederman, D. (2015). Coalition building for health: a community garden pilot project with apartment dwelling refugees. *Journal of Community Health Nursing*, 32(3): 141-150. doi: 10.1080/07370016.2015.1057072. [PMID: 26212466](#)
12. Cain, S., Anderson, R., Stockert, P., Brown, S., & **Blood-Siegfried, J.** (2015). Intraoperative implementation of a tissue sealant on all lung surgery patients: a quality improvement project. *Clinical Scholars Review*, 8(1), 125-129. doi: 10.1891/1939-2095.8.1.125.

Refereed Journals:

13. **Blood-Siegfried, J.** (2015). Animal models for assessment of infection and inflammation: contributions to elucidating the pathophysiology of sudden infant death syndrome (SIDS). *Frontiers in Immunology*, 6, 137. [Review]
doi: 10.3389/fimmu.2015.00137. [PMID: 25870597](#). [PMCID: PMC4378283](#)
14. Titch, F. J., Holsinger, T., Vacchiano, C., & **Blood-Siegfried, J.** (2015). Improving anesthetic depth assessment during electroconvulsive therapy with bispectral index monitoring: a pilot quality improvement project *Anesthesia eJournal*, 2(2). Available at: <https://anesthesiaejournal.com/index.php/aej/article/view/10>
15. Matheson, E. C., Derouin, A., Gagliano, M., Thompson, J. A., & **Blood-Siegfried, J.** (2014). Increasing HPV vaccination series completion rates via text message reminders. *Journal of Pediatric Health Care*, 28(4), e35-e39. doi: 10.1016/j.pedhc.2013.09.001. [PMID: 24200295](#)
16. Saviñon, C., Taylor, J. S., Canty-Mitchell, J., & **Blood-Siegfried, J.** (2012). Childhood obesity: can electronic medical records customized with clinical practice guidelines improve screening and diagnosis? *Journal of the American Academy of Nurse Practitioners*, 24(8), 463-471. doi: 10.1111/j.1745-7599.2012.00735.x. [PMID: 22845029](#)
17. Tripp, S. B., Perry, J. T., Romney, S., & **Blood-Siegfried, J.** (2011). Providers as weight coaches: using practice guides and motivational interview to treat obesity in the pediatric office. *Journal of Pediatric Nursing*, 26(5), 474-479. doi: 10.1016/j.pedn.2011.07.009. [PMID: 21930034](#)
18. Gura, G. F., Champagne, M. T., & **Blood-Siegfried, J. E.** (2011). Autism spectrum disorder screening in primary care. *Journal of Behavioral and Developmental Pediatrics*, 32(1), 48-51. doi: 10.1097/DBP.0b013e3182040aea. [PMID: 21160437](#)
19. **Blood-Siegfried, J.**, & Rende, E. K. (2010). The long-term effects of prenatal nicotine exposure on neurologic development. *Journal of Midwifery and Women's Health*, 55(2), 143-152. doi: 10.1016/j.jmwh.2009.05.006. [PMID: 20189133](#). [PMCID: PMC2998347](#)
20. **Blood-Siegfried, J.** (2009). The role of infection and inflammation in sudden infant death syndrome. *Immunopharmacology and Immunotoxicology*, 31(4), 516-523. doi: 10.3109/08923970902814137. [PMID: 19874217](#). [PMCID: PMC2999632](#)
21. **Blood-Siegfried, J.**, Bowers, M. T., & Lorimer, M. (2009). Is shock a key element in the pathology of sudden infant death syndrome (SIDS)? *Biological Research for Nursing*, 11(2): 187-194. doi: 10.1177/1099800408324854. [PMID: 19114412](#). [PMCID: PMC2989240](#)

Refereed Journals:

22. **Blood-Siegfried, J. E.**, Short, N. M., Rapp, C. G., Hill, E., Talbert, S., Skinner, J., Campbell, A., & Goodwin, L. (2008). A rubric for improving the quality of online courses. *International Journal of Nursing Education Scholarship*, 5(1), Article 34. doi: 0.2202/1548-923X.1648. <https://www.degruyter.com/view/j/ijnes.2008.5.issue-1/ijnes.2008.5.1.1648/ijnes.2008.5.1.1648.xml>. PMID: 18976231
23. **Blood-Siegfried, J.**, Rambaud, C., Nyska, A., & Germolec, D. R. (2008). Evidence for infection, inflammation and shock in sudden infant death: parallels between a neonatal rat model of sudden death and infants who died of sudden infant death syndrome. *Innate Immunity*, 14(3), 145-152. doi: 10.1177/1753425908090730. PMID: 18562573. [PMCID: PMC2679510](https://pubmed.ncbi.nlm.nih.gov/18562573/)
24. **Blood-Siegfried, J.**, Lieder, H. S., & Deary, K. (2006). To screen or not to screen: the complexities of newborn screening in the 21st century. *The Journal for Nurse Practitioners*, 2(5), 300-308. doi: <https://doi.org/10.1016/j.nurpra.2006.02.016>
25. **Blood-Siegfried, J.**, & Shelton, B. (2004). Animal models of sudden unexplained death. *FEMS Immunology and Medical Microbiology*, 42(1), 34-41. doi: 10.1016/j.femsim.2004.06.009. PMID: 15325395
26. **Blood-Siegfried, J.**, Nyska, A., Geisenhoffer, K., Lieder, H., Moomaw, C., Cobb, K., Shelton, B., Coombs, W., & Germolec, D. (2004). Alteration in regulation of inflammatory response to influenza A virus and endotoxin in suckling rat pups: a potential relationship to sudden infant death syndrome. *FEMS Immunology and Medical Microbiology*, 42(1), 85-93. doi: 10.1016/j.femsim.2004.06.004. PMID: 15325401
27. **Blood-Siegfried, J.**, Nyska, A., Lieder, H., Joe, M., Vega, L., Patterson, R., & Germolec, D. (2002). Synergistic effect of influenza A virus on endotoxin-induced mortality in rat pups: a potential model for sudden infant death syndrome. *Pediatric Research*, 52(4), 481-490. doi: 10.1203/00006450-200210000-00005. PMID:12357040
28. **Blood-Siegfried, J.** (2000). Sudden infant death syndrome: a toxic response. [Review]. *AACN Clinical Issues: Advanced Practice in Acute and Critical Care*, 11(2), 300-308. PMID: 11235438
29. Cheek, D. J., McHugh, J. M., **Blood-Siegfried, J.**, McFetridge, J. F., & Turner, B. S. (2000). A historical perspective on the discovery and effects of adenylyl purines. *Biological Research for Nursing*, 1(4), 267-275. doi: 10.1177/109980040000100403. PMID: 11232205
30. **Blood-Siegfried, J.**, Hoey, C., & Matheson, E. (1998). The challenges of early discharge. Common newborn problems in the first few weeks of life. *Advance for Nurse Practitioners*, 6(1), 36-40. PMID: 9495943

Refereed Journals:

31. **Blood-Siegfried, J.**, Crabb-Breen, E., Takeshita, S., Martinez-Maza, O., & Vredevoe, D. (1998). Monokine production following in vitro stimulation of the THP-1 human monocytic cell line with pertussis vaccine components. *Journal of Clinical Immunology*, 18(1), 81-88. <http://nursing.advanceweb.com/the-challenges-of-early-discharge-3029/>. PMID: 9475357

Chapters in books:

1. **Blood-Siegfried, J.** (2014). Animal models of sudden infant death syndrome. In J. Hau & S. Schapiro (Eds.), *Handbook of laboratory animal science* (3rd ed). Boca Raton: CRC Press. 127-140.
2. **Blood-Siegfried, J.** (2010). Cediak Higashi Syndrome. In *Genetics and inherited disorders*. Pasadena, CA: Salem Press. 219-221.
3. **Blood-Siegfried, J.** (2010). Alport Syndrome. In *Genetics and inherited disorders*. Pasadena, CA: Salem Press. 36-37.
4. **Blood-Siegfried, J.** (2008). Boils. In A. Chang (Ed.), *Magill's medical guide*, (4th ed.). Pasadena, CA: Salem Press. 346-347.
5. **Blood-Siegfried, J.** (2008). Animal models of sudden infant death syndrome. In P. M. Conn (Ed.), *Sourcebook of models for biomedical research*. Totowa, NJ: The Humana Press. 583-590. doi:10.1007/978-1-59745-285-4_60.

Critiques and Comments:

1. **Blood-Siegfried, J.** (2014, Sep. 17). Help fight Ebola without risk. [Letter to the Editor]. *The News and Observer* (Raleigh, NC).
2. **Blood-Siegfried, J.** (2000). Birth weight and gestational age-specific sudden infant death syndrome mortality: United States 1991 versus 1995. [Review of article]. In *Journal of Child and Family Nursing*, 25(6), 414.

Web Page:

1. **Blood-Siegfried, J.**, Hawks, S., Nevidjon, B., Phillips, B., Short, N., Valiga, T., Vorderstrasse, A., Wood, K., & Conrad, R. M. (2012). *Online Teaching Guide*. Website developed under guidance of Duke University Center for Instructional Technology. URL: <http://sites.duke.edu/onlineguide/>

Videos

1. **Blood-Siegfried, J.** (2009). *Newborn examination for nurse practitioners*. Training film produced by Duke University School of Nursing CITDL (Center for Instructional Technology and Distance Learning). 29'47". Available at <https://dukenursing.mediasite.com/Mediasite/Play/7ba8f8085be84e9d9d8f78c1a66b50a51d?catalog=8caa7df8-f595-4767-9baa-ec77b3461133>
2. **Blood-Siegfried, J.** (2009). *How to examine ears in children*. Training film produced by Duke University School of Nursing CITDL (Center for Instructional Technology and Distance Learning). 15'53". Available at: <https://dukenursing.mediasite.com/Mediasite/Play/b3dba44db01c4c7798ff4a84da358bb41d>
3. Clinton, C. (Director). **Blood-Siegfried, J.** (actor and hearing moderator). (2007). *Mock formal harassment complaint hearing*. Training film produced by Duke University Office for Institutional Equity.

Slide Presentations Available Online

1. Mtuya, C. C., & **Blood-Siegfried, J.** [co-presenters] (2018, Aug. 7). Development of the NP role in Tanzania. 20-slide presentation for *10th Annual International Council of Nurses Nurse Practitioner/Advanced Practice Nursing Network Conference*, Rotterdam, Netherlands. available online at: <http://www.npnp2018.com/wp-content/uploads/2018/09/88-Development-of-the-nurse-practitioner-role-in-Tanzania.pdf>
2. Rankin, A. M. (presenter), **Blood-Siegfried, J.**, Vorderstrasse, A., & Chlebowy, D. (2012, Sept. 21). Implementation of childhood obesity identification and prevention strategies in primary care: a quality improvement project. Podium presentation, Fifth National DNP Conference, St. Louis, MO. 22-slide presentation: <https://dnpconferenceaudio.s3.amazonaws.com/2012/1Podium2012/RankinPodium2012.pdf>
Audio (49:33) : <http://dnpconferenceaudio.s3.amazonaws.com/2012/T6Rankin230pm.mp3>

Selected Abstracts

1. **Blood-Siegfried, J.**, Seidler, F.J., & Slotkin, T.A. (2010, October). Autonomic dysregulation after prenatal exposure to nicotine in newborn rats. [Abstract]. *Joint Conference of the International Stillbirth Alliance and International Society for the Study and Prevention of Perinatal and Infant Death*, Sydney, Australia.
2. **Blood-Siegfried, J.** (2008, October). A model of sudden unexplained death. [Abstract of invited presentation]. *2008 CANS State of the Science Congress on Nursing Research*, Washington, DC.

Selected Abstracts

3. **Blood-Siegfried, J.** (2006, June). A model of inflammation and shock in SIDS [Abstract]. *The 9th SIDS International Conference: Program and Abstracts*. Yokohama, Japan.
4. **Blood-Siegfried, J.** (2002, September). Synergistic effect of influenza a virus on endotoxin induced mortality in rat pups: A potential model for Sudden Infant Death Syndrome [Abstract]. *Conference Proceedings of the 7th SIDS International Conference*, Florence, Italy.
5. **Blood-Siegfried, J.** (2000, September). Synergistic effect of influenza a virus on endotoxin induced mortality in rat pups: a potential model for Sudden Infant Death Syndrome [Abstract]. *Conference Proceedings of the European Society for Infectious Disease*, Istanbul, Turkey.
6. **Blood-Siegfried, J.** (1999, October). The development of a rodent model to study SIDS [Abstract]. *Conference Proceedings of the National Institute for Occupational Safety and Health Symposium*, Morgantown, WV.
7. **Blood-Siegfried, J.**, Patterson, R., Doherty, J., & Germolec, D. (1999). An animal model for SIDS [Abstract]. *Federation of American Societies for Experimental Biology Journal*, (13)4, A631 #481.9.
8. **Blood-Siegfried, J.** (1997, June). Cytokine levels following in-vitro stimulation of THP-1 cells by pertussis containing vaccine components [Abstract]. *Conference Proceedings of the Sigma Theta Tau 9th International Nursing Research Congress*, Vancouver, B.C.
9. **Blood-Siegfried, J.** (1995, July). Cytokine production by THP-1 cells stimulated with pertussis vaccine components. [Abstract]. *Conference Proceedings of the International Symposium on Clinical Immunology*, San Francisco, CA.

Invited Presentations

Invited Presentations: International

1. **Blood-Siegfried, J.** (2015, September). Red flags. How to know if a child is sick. Invited presentation, University of Developmental Studies. Tamale, Ghana.

Invited Presentations: International

2. **Blood-Siegfried, J.** (2015, February 9-12). Conference organizer, *Consensus Building Conference: Establishing a Family Nurse Practitioner Program for Rural Tanzania*, sponsored by Duke University School of Nursing and Kilimanjaro Christian Medical University. Arusha, Tanzania. Presentations:
 - Welcoming remarks and video: "The nurse practitioner; Filling gaps, increasing access, collaboration with health teams" (February 9).
 - Invited leader, breakout session #2: Envisioning ways that the role of rural primary care nurse practitioner can improve access to care and health outcomes (February 9).
 - Welcome and plans for Days 3 and 4 of conference (February 11).
 - Adjournment and Thank you to participants (February 11).
3. **Blood-Siegfried, J.** (2014, September). Red flags. How to know if a child is sick. Invited presentation, University of Developmental Studies. Tamale, Ghana.
4. **Blood-Siegfried, J.** (2014, June). Animal models of sudden infant death syndrome: Update and review. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
5. **Blood-Siegfried, J.** (2014, March). eLearning. Invited presentation, College of Medicine and Health Sciences, University of Rwanda, Kigali, Rwanda.
6. **Blood-Siegfried, J.** (2013, June). Normal developmental changes in heart rate variability in neonatal rats. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
7. **Blood-Siegfried, J.** (2012, August). "La función de las enfermeras en la promoción de los derechos humanos" (The nurse's role in human rights). Invited presentation to faculty and students at Escuela de Enfermería (School of Nursing) of Universidad Politécnica de Nicaragua, Managua, Nicaragua.
8. **Blood-Siegfried, J.** (2012, June). Prenatal nicotine exposure and alterations in the inflammatory response of endotoxin exposed suckling rat pups. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
9. **Blood-Siegfried, J.** (2011, June). Is it really nicotine or something else causing mortality? Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
10. **Blood-Siegfried, J.** (2010, October). Autonomic dysregulation after prenatal exposure to nicotine in newborn rats. Invited presentation, *Joint Conference of the International Stillborn Alliance and International Society for the Study and Prevention of Perinatal and Infant Death*. Sydney, Australia.
11. **Blood-Siegfried, J.** (2010, June). The role of autonomic protection in an infectious model of sudden unexplained death. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
12. **Blood-Siegfried, J.** (2009, June). Effect of nicotine on mortality in suckling rat pups. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.

Invited Presentations: International

13. **Blood-Siegfried, J.** (2008, June). Development of autonomic responsiveness and SIDS. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
14. **Blood-Siegfried, J.** (2007, June). Development of animal model of SIDS. Invited presentation, *Developmental Physiology Conference*. Leicester, UK.
15. **Blood-Siegfried, J.** (2006, October). What is a nice nurse like me doing in a place like this? Invited presentation, International University of Nursing, Basseterre, St. Kitts.
16. **Blood-Siegfried, J.** (2006, June). A model of inflammation and shock in SIDS. Invited presentation, *International SIDS Conference*. Yokohama, Japan.
17. **Blood-Siegfried, J.** (2000, February). Genero y adolescencia: Desafío para la calidad de atención en salud. Invited presentation, *El II Foro Científico Nacional de Enfermeras Materno Infantil*. [National Forum for Maternal and Child Nursing Research]. Ciudad de Panamá, República de Panamá [Panama City, Republic of Panama].
18. **Blood-Siegfried, J.** (2000, February). Nuevos paradigmas en los Servicios de Atención de Materno Infantil. *El II Foro Científico Nacional de Enfermeras Materno Infantil*. Invited presentation, [National Forum for Maternal and Child Nursing Research]. Ciudad de Panamá, República de Panamá [Panama City, Republic of Panama].
19. **Blood-Siegfried, J.** (2000, February). Cytokine levels following in-vitro stimulation of THP-1 cells by pertussis containing vaccine components. Invited presentation, *El II Foro Científico Nacional de Enfermeras Materno Infantil*. [National Forum for Maternal and Child Nursing Research]. Ciudad de Panamá, República de Panamá [Panama City, Republic of Panama].

Invited Presentations: National, Regional, Local

1. **Blood-Siegfried, J.** (2012, May). How do Duke faculty teach with Sakai? Invited presentation, Duke Center for Instructional Technology (CIT) Showcase 2012, Durham, NC.
2. **Blood-Siegfried, J.** (2011, April). Creating an engaging online learning experience for students and teachers. Invited presentation, Duke Center for Instructional Technology (CIT) Showcase 2011, Durham, NC.
3. **Blood-Siegfried, J.** (2008, April). Blogs vs. discussion boards in a clinical course. . Invited presentation, Duke Center for Instructional Technology (CIT) Showcase 2008, Durham, NC.
4. **Blood-Siegfried, J.** (2007, April). Using Elluminate in distance education. Invited presentation, Duke Center for Instructional Technology (CIT) Showcase 2007, Durham, NC.

Invited Presentations: National, Regional, Local

5. **Blood-Siegfried, J.** (2006, September). Perplexed by pediatrics: A few tools and tricks when working with infants, children, & adolescents. Invited presentation, *Addressing Nursing Challenges: A Booster to Nursing Practice*, Chapel Hill, NC.
6. **Blood-Siegfried, J., & Trotter, K.** (2006, April). The creative use of blogging in clinical education. Invited presentation, Duke Center for Instructional Technology (CIT) Showcase, Durham, NC.
7. **Blood-Siegfried, J., Goodwin, L., Rapp, C., & Skinner, J.** (2005, April). Evaluation and redesign of a nursing distance education program. Invited presentation, Duke Center for Instructional Technology (CIT) Showcase, Durham, NC.
8. **Blood-Siegfried, J., & Bowers, M.** (2004, April). The challenges of online testing. Invited presentation, Duke Center for Instructional Technology (CIT) Showcase, Durham, NC.
9. **Blood-Siegfried, J.** (2002, April). Enhancing communication and collaboration; Instructional technology can impact the amount and quality of student-instructor and student-student communication. Invited presentation, Duke Center for Instructional Technology (CIT) Showcase, Durham, NC.
10. **Blood-Siegfried, J.** (2001, June). What is nursing research? Invited presentation, Dallas Children's Hospital, Dallas, TX.
11. **Blood-Siegfried, J.** (2001, June). An animal model for SIDS. Invited presentation, Dallas Children's Hospital, Dallas, TX.
12. **Blood-Siegfried, J.** (1999, September). Characterization of a rodent model to study SIDS. Invited presentation, National Institute for Environmental Health Sciences (NIEHS), Research Triangle, NC.
13. **Blood-Siegfried, J.** (1998, May). The development of a rodent model to study SIDS. Invited presentation, National Institute for Environmental Health Sciences (NIEHS), Research Triangle, NC.
14. **Blood-Siegfried, J.** (1997, August). The challenges of early discharge: Common newborn problems in the first weeks of life. Invited presentation, *Contemporary Forum: Clinical Issues in Pediatrics*, Jackson Hole, WY.
15. **Blood-Siegfried, J.** (1997, August). "Trying" toddlers: Strategies for effective parenting. Invited presentation, *Contemporary Forum: Clinical Issues in Pediatrics*, Jackson Hole, WY.
16. **Blood-Siegfried, J.** (1997, August). Immunization update. Invited presentation, *Contemporary Forum: Clinical Issues in Pediatrics*, Jackson Hole, WY.

Invited Presentations: National, Regional, Local

17. **Blood-Siegfried, J.** (1995, May). Cytokine response as a guide to nursing intervention in vaccine reactions. Invited presentation, *8th Annual Graduate Student Research Day, UCLA School of Nursing and Gamma Tau Chapter of Sigma Theta Tau*, Los Angeles, CA. Awarded: Best presentation award. Los Angeles, CA.
18. **Blood-Siegfried, J.** (1995, April). The decision to immunize: Cytokine production by THP-1 cells stimulated with pertussis vaccines. Invited presentation, *Sigma Theta Tau Nursing Research Conference*, Fresno, CA.
19. **Blood-Siegfried, J.** (1994, October). The decision to immunize: Cytokine production by THP-1 cells stimulated with pertussis vaccines. Invited presentation, *Fourth Annual CSUDH Nursing Research Conference*, California State University-Dominguez Hills, San Pedro, CA.
20. **Blood-Siegfried, J.** (1994-1995). Immunizations. Invited presentation, UCLA Primary Ambulatory Care, Los Angeles, CA.
21. **Blood-Siegfried, J.** (1994, March). Common problems in pediatrics. Invited presentation, UCLA Primary Ambulatory Care, Los Angeles, CA.
22. **Blood-Siegfried, J.** (1988, October). Funding sources in pediatric home care, Invited presentation, *Conference: Pediatric Home Care*, Fresno, CA.
23. **Blood-Siegfried, J.** (1987, September). Pediatric hospice care. Invited presentation, *California Association of Health Services at Home*, Sacramento, CA.
24. **Blood-Siegfried, J.** (1981, October). Pediatric well child care. UCSF-FNP program, Fresno, CA.
25. **Blood-Siegfried, J.** (1979, April). Lectures on child safety for preschool program, parents and teachers. Merced, CA.

Media Coverage

1. Hart, D. (2015). Filling in the gaps: Jane Blood-Siegfried brings nurse practitioners to Tanzania. *Duke Nursing Magazine* (Summer 2015) 11(2), 8-13. Available at: https://nursing.duke.edu/sites/default/files/2015_summer_1516_nursingmag_lorez.pdf

Consultant Appointments:

<u>Date(s)</u>	<u>Organization</u>	<u>Role</u>
2010-present	Nursing Initiative Promoting Immunization Training: NIP-IT	Advisory member
2005	Wyeth Pharmaceutical Phoenix, AZ	Childhood Immunization Compliance Advisory Board Member

Consultant Appointments:

<u>Date(s)</u>	<u>Organization</u>	<u>Role</u>
2002	GlaxoSmithKline Advisory Board Hollywood, FL	Strategic planning on adult pertussis vaccine
1998	Merck Vaccine Corporation Chicago, IL	Consultant for white paper on incorporating combination vaccines into pediatric practice
1991	Tanna Villarreal, Inc. Mission Viejo, CA	Development of policies, procedures and forms for a pediatric home health agency, analysis for JCAHO accreditation
1989-1990	Healthcare Solutions, Inc. Torrance, CA	Development of policies, procedures and forms for a home infusion program; analysis for JCAHO accreditation
1990-1992	T.H.E. Women's Clinic Los Angeles, CA	Development of policies and procedures for Nurse Practitioner use in a general pediatric clinic; pediatric practice as a nurse practitioner
1990-1993	Coordinated School Health Program, South Bay Hospital District Torrance, CA	Statistical analysis and compilation of annual health report; health education resource for both private and public schools

Professional Awards and Honors:

2016	Community Service Award from Checago Bright-Sawo Foundation for work with Project Liberia-Ebola, for facilitating Duke University donation of \$2.5 million in medical supplies and PPEs (in collaboration with Amanda Mathies Thomas, RN of Project Liberia-Ebola) for shipment to Liberian hospitals and clinics; 25 pallets delivered in October, 2014.
2009	Distinguished Nursing Leader, UCLA
1995	Distinguished Dissertation Award, Sigma Theta Tau, UCLA
1990	Inducted as member, Sigma Theta Tau International
1979	Fellow, National Association of Pediatric Nurse Associates and Practitioners

Organizations and Participation:

<u>Organization</u>	<u>Role, Office Held, or Committee Assignment</u>	<u>Dates</u>
American Nurses Association (ANA)	Member	2019-present
North Carolina Nurses Association (NCNA)	Member	2019-present
International Council of Nursing / Advanced Practice Nurse Network	Member	2015-present
Consensus Building Conference: Family Nurse Practitioner for Rural Tanzania	Primary Organizer, in conjunction with Kilimanjaro Christian Medical University-College and Teamwork City of Hope.	2014-2015
Pediatric Nursing Certification Board	Certification Exam Item Writer	2007-2010
American Association for the Advancement of Science	Member	1994-1996
American Society of Microbiologists	Member	1991-1996
National Organization of Nurse Practitioner Faculties	Member	1990-present
Sigma Theta Tau International	Member, Beta Epsilon Chapter Member Gamma Tau Chapter Member, Mu Nu Chapter	1996-present 1990-1996 1990
CSU-Fresno Nursing Honor Society	Treasurer	1986-1989
California State University-Fresno (CSU-Fresno) Department of Nursing and Sigma Theta Tau International	Chair, Organizational Committee Mission: to organize a nursing honor society for CSU-Fresno (with guidance from Sigma Theta Tau International), with the goal of transitioning to a new Sigma Theta Tau chapter	1985-1986
California Coalition of Nurse Practitioners	Member	1981-1990
National Association of Pediatric Nurse Associates and Practitioners	Local Chapter Treasurer Local Chapter Vice-President Member	1980-1981 1979-1980 1975-present

Editorial and Review Boards:

<u>Date(s)</u>	<u>Journal</u>	<u>Role</u>
2011-present	<i>Journal of Nursing Education and Practice</i>	Editorial Board member
2011	<i>Journal of Pediatric Biochemistry</i>	Review Board member
2008-2014	<i>The Open Microbiology Journal</i>	Editorial Board member
2012-2017 2004-2010	<i>Biological Research for Nursing</i>	Editorial Board member

Manuscript Review:

<u>Date(s)</u>	<u>Journal or Organization</u>	<u>Role</u>
2017	<i>BMC Pediatrics</i>	Ad hoc editorial review
2017	<i>PLOS-ONE</i>	Ad hoc editorial review
2016-present	<i>Public Health Nursing</i>	Ad hoc editorial review
2015	<i>Open Microbiology Journal</i>	Ad hoc editorial review
2011-present	<i>Pediatrics</i>	Ad hoc editorial review
2012-2014	<i>Journal of Pediatric Biochemistry</i>	Ad hoc editorial review
2010	<i>Immunopharmacology & Immunotoxicology</i>	Ad hoc editorial review
2009	<i>Applied Microbiology</i>	Ad hoc editorial review
2009	<i>International Journal of Biomedical Science</i>	Ad hoc editorial review
2008-present	<i>Journal of Pediatric Nursing</i>	Ad hoc editorial review
2008	<i>Journal of Medical Microbiology</i>	Ad hoc editorial review
2008-present	<i>Journal for Nurse Practitioners</i>	Ad hoc editorial review
2008	<i>International Journal of Nursing Education Scholarship</i>	Ad hoc editorial review
2007-2008	F. A. Davis Publishing Company	Ad hoc editorial review
2005	<i>Federation of American Societies for Experimental Biology</i>	Ad hoc editorial review
2002	<i>Experimental Toxicology</i>	Ad hoc editorial review
2000-2006	<i>Archives of Diseases in Children</i>	Ad hoc editorial review
2000	<i>Methods in Molecular Medicine</i>	Ad hoc editorial review
1998	<i>Toxicological Sciences</i>	Ad hoc editorial review

Grant Review:

<u>Date</u>	<u>Organization</u>	<u>Role</u>
2010	Medical Research Council (MRC), South Africa • MRC is a statutory science council appointed to manage & administer applications for South Africa's National Health Laboratory Service Research Trust (NHLSRT) Grants.	External reviewer

Global Dissertation Review (External Reviewer):

<u>Date</u>	<u>University</u>	<u>Dissertation Title</u>
2012	University of Newcastle, South Australia	The Role of <i>Alloiococcus otitidis</i> in Otitis Media
2011	University of Newcastle, South Australia	Susceptibility to and Severity of Inflammatory-related Diseases in Indigenous Australians

APT review (outside review of faculty members for promotion and tenure)

<u>Date</u>	<u>University</u>
2019	Brigham Young University College of Nursing
2014	University of Buffalo School of Nursing

Areas of Research Interest (basic and applied):

- Developmental physiology
- Global health
- Immunizations
- Immunology of the neonate and young child
- Maternal and child health
- Neglected tropical diseases
- Sepsis and acute respiratory distress syndrome
- Sudden infant death syndrome

External Support - Gifts, Grants, and Contracts:

Research Grants:

Blood-Siegfried, J. (PI)

Project duration: 2008-2011

Title: The Effect of Perinatal Nicotine Exposure on the Development of Autonomic Responses.

Purpose: Increase knowledge/skills in developmental neurobiology to elucidate factors that affect health and well-being of infants, and to develop age appropriate, non-invasive tests that will identify infants who are at greatest risk for Sudden infant death syndrome (SIDS). Candidate will use an animal model she developed that accounts for environmental, developmental and age risk factors identified for SIDS deaths.

% effort: 75%

Funding: NIH/NINR Project #K01-NR010910-01. Total direct costs: \$259,761 for 3 years

Blood-Siegfried, J. (PI) Project duration: 2004-2005
Title: Effect of Maternal Nicotine Exposure on Mortality in Suckling Rat Pups in an Infectious Model of SIDS
% effort: 10%
Funding: Duke University School of Nursing. Total direct costs: \$3,000

Blood-Siegfried, J. (PI) Project duration: 1998-2000
Title: Duke-NIEHS Nurse Fellowship
% effort: 50% salary
Funding: National Institute of Environmental Health Sciences (NIEHS) / Duke University
Purpose: Postdoctoral research training at National Institute of Environmental Health Sciences.

Blood-Siegfried, J. (PI) Project duration: 1995-1996
Title: A Study of Normal Cytokine Variations in Vertically Exposed HIV Positive and HIV Negative Infants.
% effort: 20% (donated)
Funding: UCLA School of Nursing. Total direct costs: \$2,000

Blood-Siegfried, J. (PI) Project duration: 1990-1991
Title: A Descriptive Study of Suspected Pertussis Vaccine Injury.
% effort: 20% (donated)
Funding: UCLA School of Nursing. Total direct costs: \$2,000

Educational Service Grants:

Blood-Siegfried, J. (PI) Project duration: 2014-present
Title: Pilot Funding to Establish a Rural Family Nurse Practitioner Program in Moshi, Tanzania
Purpose: To obtain stakeholder buy-in and approval from the Ministry of Health and Social Welfare in Tanzania to develop and implement the first Family Nurse Practitioner program aimed at enhancing care for the rural population. Involves training of Tanzanian nurse practitioner faculty and collaborative curriculum development.
% effort: donated
Private funding from Mark Paul Terk Charitable Trust. Total direct costs: \$200,000

Educational Service Grants (continued):

PI / Project Team Director: Morgan, B. T. Project duration: 6/2014-8/2016
Title: Duke Global Health Bass Connections Project: Distance-based, Executive-style Degree Completion Program for Ghanaian Nurse Anesthetist
Purpose: Evaluate the implementation of a distance-based executive style degree completion program for nurse anesthetists in Ghana launched by collaborators from Duke University and University of Development Studies, Tamale, Ghana.
Role: **Blood-Siegfried, J.** (Project Team Member – Faculty)
% effort: donated
Funding: Bass Connections, Duke University. Total direct costs: \$24,000.

Educational Grants:

Blood-Siegfried, J. (PI and Nursing Fellow) Project duration: 2010-2011
Title: 2010-11 Nursing Fellows: Best Practices on Teaching Online Classes
Purpose: A fellowship to examine effective activities that support teaching larger online classes. Develop an orientation guide for faculty teaching in online courses.
% effort: 5%;
Funding: Duke Center for Instructional Technology (CIT). Total direct costs: \$1,000.

Goodwin, L. (PI) Project duration: 2004-2005
Title: Center for Instructional Technology Fellowship
Purpose: Fellowship to support curricular change in online curriculum and technology in School of Nursing core curriculum, develop best practices, and create a rubric for evaluating online coursework.
Role: **Blood-Siegfried, J.**, Fellow
% effort: 5%
Funding: Duke Center for Instructional Technology (CIT). Total direct costs: \$2,500

Epstein, S. (PI) Project duration: 2002-2004
Title: Partners for Quality Education
Purpose: Partners for Quality Education: a grant to develop an interdisciplinary partnership to provide education for multidisciplinary learners in chronic illness care
Role: **Blood-Siegfried, J.**, Project Faculty
% effort: 10%
Funding: Robert Wood Johnson Foundation. Total direct costs: \$13,000

Turner, B. S. (PI) Project duration: 2001-2004
Purpose: NNP/PNP Program for Rural Health was a three-year grant to educate nurses at the Master's level.
Role: **Blood-Siegfried, J.**, Project Faculty
% effort: 10%
Funding: U.S. Dept. Health & Human Services Division of Nursing. Total direct costs: \$537,153

Turner, B.S. (PI) Project duration: 1998-2002
Purpose: Pediatric Acute Care Nurse Practitioner was a 3-year grant to educate nurses at the Master's level.
Role: **Blood-Siegfried, J.**, Project Faculty
% effort: 10%
Funding: U.S. Dept. Health & Human Services Division of Nursing. Total direct costs: \$608,379

Turner, B.S. (PI) Project duration: 1997-2000
Purpose: Neonatal Nurse Practitioner was a 3-year grant to educate nurses at the Master's level.
Role: **Blood-Siegfried, J.**, Project Faculty
% effort: 10%
Funding: U.S. Dept. Health & Human Services Division of Nursing. Total direct costs: \$523,321