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**BIOGRAPHICAL SKETCH**

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NAME Anne Baber Wallis	University of Louisville School of Public Health & Information Sciences
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EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Mary Washington College, Fredericksburg, VA	BA	1984	History
University of Virginia, Charlottesville, VA		1984-1985	European History
Johns Hopkins University, School of Hygiene & Public Health, Baltimore, MD	MHS	1997	Health Policy and Management
Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD	PhD	2003	Maternal and Child Health (Reproductive & Perinatal Health)

**A. Personal Statement**

I am an Associate Professor of Epidemiology & Population Health at the University of Louisville. My goal is to make a serious and substantive contribution to what we think and how we think about global maternal and infant health, particularly through societal, cultural, and policy approaches that employ powerful public health approaches. In addition to research and developing programs, I have designed evaluations that use qualitative and quantitative methods to fully understand what programmatic elements work best. I am epidemiologist for a Healthy Start program and PI of the MAIA study, a longitudinal study of pregnancy in Romania funded by the EU. I have been a Fulbright Specialist scholar in Armenia and The Gambia. I teach Global Maternal and Child Health as part of the MPH in Global Maternal and Child Health, as well as Perinatal and Reproductive Epidemiology, Global Health, and Social Epidemiology at the University of Louisville.

**B. Positions and Honors**

**Employment (1995-present)**

1995-2000	Research Assistant, Johns Hopkins University, School of Public Health, Department of Maternal and Child Health, Baltimore, MD
1995-2000	Teaching Assistant, Johns Hopkins University, School of Public Health, Departments of Health Policy and Management and Maternal and Child Health
2002-2008	Assistant Professor, University of Iowa, College of Public Health, Department of Community and Behavioral Health, Iowa City, IA
2008-2013	Assistant Professor, University of Iowa, College of Public Health, Department of Epidemiology
2013-2014	Assistant Professor, James Madison University, Department of Health Sciences
2015-present	Assistant Professor, University of Louisville, School of Public Health & Information Sciences, Department of Epidemiology & Population Health

2018 – present Associate Professor, University of Louisville, School of Public Health & Information Sciences, Department of Epidemiology & Population Health

### SELECTED AWARDS

- 1980 Regional Scholarship, Mary Washington College
- 1985 DuPont Fellowship, University of Virginia, Corcoran Department of History
- 1996-2000 US DHHS/Maternal and Child Health Bureau Doctoral Training Fellowship, Johns Hopkins University, Bloomberg School of Public Health, Department of Maternal and Child Health
- 1998 Association of Teachers in Maternal and Child Health, Student Research Symposium Paper Presentation, First Prize. Title: “Do What You Gotta Do’: Journal accounts of pregnant women from the Baltimore City Healthy Start project”
- 2004 University of Iowa, College of Medicine/College of Public Health New Faculty Award. Title: “Epidemiological Paradox or Perinatal Advantage? Perinatal Outcomes for Latina Women in Iowa and Florida”
- 2015 Fulbright Specialist Fellowship, Yerevan State Medical University, Yerevan, Armenia, Prof. Artashes Tadevosyan. Title: Exposure and effects of indoor bread baking on Armenian women
- 2015 Fulbright Specialist Fellowship, University of the Gambia, Banjul, The Gambia. Title: Teaching and research mentorship, Department of Public and Environmental Health

### C. CONTRIBUTIONS TO SCIENCE

My contributions to science include research into the upstream risk factors for infant and maternal mortality and morbidity. I have collaborated with NGOs and governments in eastern Europe, the US, central Asia, India, and west Africa, to examine issues such as maternal mortality, pediatric injury, breastfeeding, and perinatal outcomes. I have trained the first cohort of MPH students at the University of The Gambia, and am working with them on local studies. I also collaborate in teaching and mentoring with students in a west African collaborative program on climate science. I have written and co-authored more than 30 publications.

#### Selected Presentations and Posters

1. **Wallis, A.** Essential Elements and Early Findings. National Child Abuse and Neglect Prevention Month Advisory Panel, California Family Impact Seminar, Sacramento, CA, 1994.
2. **Wallis, A.** “You Do What You Gotta Do”: Journal Accounts of Pregnant Women From the Baltimore City Healthy Start Project. Association of Teachers in Maternal and Child Health Student Research Symposium, Washington, DC, 1998.
3. **Wallis, A.** Workshop on Community Problem-Solving Capacity and Child Abuse Prevention, 11<sup>th</sup> National Conference on Child Abuse and Neglect, Cincinnati, OH, 1998.
4. **Wallis, A.** Program Evaluation in Maternal and Child Health. Johns Hopkins University, Bloomberg School of Public Health, Summer Maternal and Child Health Institute, Baltimore, MD, 2000.
5. **Wallis, A.** Multimethod Approach to Evaluating a System of Maternal and Child Health Programs in Palm Beach County, Florida. American Professional Society for the Abuse of Children, Washington, DC, 2001.
6. **Wallis, A.** Listening to Women: An Explication of Qualitative Methods. Baltimore Area Evaluators Meeting, Johns Hopkins University, Bloomberg School of Public Health, 2002.
7. **Wallis, A.;** Dungy, C.; Brînzaniuc, A. Initiation of breastfeeding in Romania: attitudes, knowledge, and behaviors. Summer Institute, Cluj-Napoca, Romania, July 2007.

8. **Wallis, A.** Health, place, and poverty, Fogarty Summer Institute 2009, "Built Environments and Public Health: Making our Communities More Livable." Institute for Health Policy and Public Health, Babeş-Bolyai University, Cluj-Napoca, Romania, June 1-3, 2009.
9. **Wallis, A.** Does rural poverty influence perinatal outcomes? Department of Geography monthly seminar, March 2009.
10. Brinzaniuc, A and **Wallis, A.** Conducting research in vulnerable populations. University of Iowa, Center for Health and Human Rights Seminar, December 2009.
11. **Wallis, A.** Pediatric injury, Fogarty Summer Institute 2010. Babeş-Bolyai University, Cluj-Napoca, July 2010.
12. **Wallis, A.** Injury epidemiology, Fogarty Summer Institute 2010. Babeş-Bolyai University, Cluj-Napoca, July 2010.
13. Cook, T and **Wallis, A.** Project development and community participation. *Public Health Perspectives in Central and Southeastern Europe in XXI Century.* Center for Education, Tolerance, and Multiculturalism, University of Novi Sad, Novi Sad, Vojvodina, Serbia, November 2010.
14. **Wallis, A.** Invited speaker to Festschrift in honor of Dr. Bernard Guyer, Chair Emeritus of Department of Maternal and Child Health, Johns Hopkins University, Bloomberg School of Public Health, 2010.
15. **Wallis, A.** A Long and Dangerous Journey: Women, Pregnancy, and Death. Invited speaker, Iowa City Foreign Relations Council, April 26, 2011.
16. **Wallis, A.** Maternal Mortality: A Long and Dangerous Journey. Invited keynote speaker, Medicalis 2011, Cluj Medical University, Cluj-Napoca, Romania, May 2011.
17. **Wallis, A** and Brinzaniuc, A., "Project Luminița: Understanding the Burden of Injury in Roma Communities." International Conference on Trauma and Injury Prevention: Reducing the Burden of Injury in Bosnia and Herzegovina, Zenica, Bosnia and Herzegovina, September 2012.
18. **Wallis, A.** Global Health Studies Program, Conference on Energy and Health, October 5-7, 2012. Plenary moderator, "Energy Inequity: Invisible, Vulnerable and Powerless Victims." University of Iowa, International Programs, 2012.
19. Tsigas, E.; **Wallis, A.**; Saftlas, A; Sibai, B. Women's knowledge, attitudes, and behaviors about preeclampsia signs and symptoms based on provider education. XVII International Society for the Study of Hypertension in Pregnancy, World Congress Melbourne, AU. 2013.
20. **Wallis, A.** "Global Minds, Global Health: Multidisciplinary Global Health Education in the Liberal Arts Setting," Keynote speech, Global Health Symposium, November 2013, Washington & Lee University, Lexington, VA.
21. Skemp, L.; Peacock, A.; **Wallis, A.**; Seetharam, S. Association for Gerontology in Higher Education. Interprofessional Study Abroad Program on Capacity Building for Healthy Aging in South India, 2013.
22. Brinzaniuc, A.; Pop, O.; Rus, I.; Chereches, R.; **Wallis, A.** Prevalence and determinants of prenatal depression symptoms in a Romanian sample of pregnant women: a comparative analysis across socioeconomic groups. 6th European Public Health, Brussels, 2013, *Supplement of the European Journal of Public Health.*
23. **Wallis, A.**; Brinzaniuc, A. Perinatal Depression and Second-Hand Smoke: The MAIA Study, First International Conference on Non-Communicable Disease, Cluj-Napoca, Cluj School of Public Health, 2015.
24. **Wallis, A.** Non-Communicable Disease and the Epidemiologic Transition. First International Conference on Non-Communicable Disease, Cluj-Napoca, Cluj School of Public Health, 2015.
25. **Wallis, A.** Expert panel on folic acid and iron food fortification in Armenia, Current Issues in Medical Science, 95<sup>th</sup> Anniversary of Yerevan State Medical University, October 2015.
26. **Wallis, A.** WASCAL Research Agenda, 2016-20, A Public Health Perspective. West African Science Service Center on Climate Change and Adapted Land Use, University of the Gambia, Kanafing, The Gambia, December 2015.

27. LeMasters, K.; **Wallis, A.**; Brînzaniuc, A.; and Tumlinson, K. The pregnancy experiences of rural women in Romania. Poster session. Minority Health Conference, University of North Carolina, April 2017.

## PEER-REVIEWED PUBLICATIONS

1. Ross A, Kennedy (**Wallis**) AB, Holt E, Guyer B, Hou W, Hughart N. Initiating the first DTP vaccination age-appropriately: a model for understanding vaccination coverage. *Pediatrics*. 1998 Jun;101(6):970–4. *IF: 5.297; Citations: 23*.
2. Kennedy (**Wallis**) AB, J. H. Mason Knox, Jr. *Am J Public Health*. 1999;89(3):409. *IF: 4.138; Citations: 2*.
3. Barnette JJ, **Wallis** AB. The missing treatment design element: continuity of treatment when multiple postobservations are used in time-series and repeated measures study designs. *Am J Eval*. 2005;26(1):106–23. *IF: 1.804; Citations: 13*.
4. Barnette JJ, **Wallis** AB. Helping evaluators swim with the current: Training evaluators to support mainstreaming. *New Dir Eval*. Wiley Subscription Services, Inc., A Wiley Company; 2003; 99:51–61. *IF: 0.58; Citations: 14*.
5. **Wallis** AB, Guyer B. Myron Wegman: Early days, lasting influence. *Matern Child Health J*. 2006 Jan 18;10(1):5–11. *IF: 1.788; Citations: 2*.
6. Aronson RE, **Wallis** AB, O'Campo PJ, Whitehead TL, Schafer P. Ethnographically informed community evaluation: A framework and approach for evaluating community-based initiatives. *Matern Child Health J*. 2007;11:97–109. *IF: 1.788; Citations: 37*.
7. Aronson RE, **Wallis** AB, O'Campo PJ, Schafer P. Neighborhood mapping and evaluation: A methodology for participatory community health initiatives. *Matern Child Health J*. 2007;11:373–83. *IF: 1.788; Citations: 59*.
8. **Wallis** AB, Chereches R, Oprescu F, Brînzaniuc A, Dungy CI. An international model for staffing maternal and child health research: The use of undergraduate students. *Breastfeed Med*. 2007;2(3):139–44. *IF: 1.551; Citations: 9*.
9. Penziner E, Williams JK, Erwin C, Bombard Y, **Wallis** AB, Beglinger LJ, et al. Perceptions of discrimination among persons who have undergone predictive testing for Huntington's disease. *Am J Med Genet Part B Neuropsychiatr Genet*. 2008;147(3):320–5. *IF: 3.258; Citations: 52*.
10. Dungy CI, McInnes RJ, Tappin DM, **Wallis** AB, Oprescu F. Infant feeding attitudes and knowledge among socioeconomically disadvantaged women in Glasgow. *Matern Child Health J*. 2008;12:313–22. *IF: 1.788; Citations: 126*.
11. **Wallis** AB, Saftlas AF, Hsia J, Atrash HK. Secular trends in the rates of preeclampsia, eclampsia, and gestational hypertension, United States, 1987-2004. *Am J Hypertens*. 2008;21:521–6. *IF: 3.541; Citations: 474*.
12. **Wallis** AB, Saftlas AF. Untangling an epidemiological knot: migraine and preeclampsia. *Am J Hypertens*. 2008;21(3):245. *IF: 3.541; Citations: 1*.
13. **Wallis** AB, Brînzaniuc A, Cherecheş R, Oprescu F, Sirlincan E, David I, et al. Reliability and validity of the Romanian version of a scale to measure infant feeding attitudes and knowledge. *Acta Paediatr*. 2008 Sep;97(9):1194–9. *IF: 2.043; Citations: 59*.
14. **Wallis** AB, Saftlas AF. A gram of prevention: A modest increase in fiber consumption may reduce risk of preeclampsia. *Am J Hypertens*. 2008;21(8). *IF: 3.541; Citations: 4*.
15. **Wallis** AB, Saftlas AF. Is there a relationship between prenatal depression and preeclampsia? *Am J Hypertens*. 2009 Apr;22(4):345–6. *IF: 3.541; Citations: 10*.

16. Morriss FH, Abramowitz PW, Carmen L, **Wallis AB**. “Nurses Don’t Hate Change” -- survey of nurses in a neonatal intensive care unit regarding the implementation, use and effectiveness of a bar code medication administration system. *Healthc Q*. 2009;12 Spec No:135–40. *Citations: 41*.
17. Saftlas AF, **Wallis AB**, Shochet T, Harland KK, Dickey P, Peek-Asa C. Prevalence of intimate partner violence among an abortion clinic population. *Am J Public Health*. 2010;100:1412–5. *IF: 4.138; Citations: 41*.
18. **Wallis AB**, Winch PJ, O’Campo PJ. “This is not a well place”: neighborhood and stress in Pigtown. *Health Care Women Int*. 2010;31(2):113–30. *IF: 0.950; Citations: 11*.
19. TePoel M, Saftlas AF, **Wallis AB**. Association of seasonality with hypertension in pregnancy: A systematic review. *J Reprod Immunol*. 2011;89:14-52. *IF: 2.916; Citations: 59*.
20. Beyer KMM, Saftlas AF, **Wallis AB**, Peek-Asa C, Rushton G. A probabilistic sampling method (PSM) for estimating geographic distance to health services when only the region of residence is known. *Int J Health Geogr*. 2011;10:4. *IF: 3.199; Citations: 19*.
21. **Wallis AB**, Brînzaniuc A, Oprescu F, Cherecheş RM, Mureşan M, Dungy CI. A structured public health approach to increasing rates and duration of breastfeeding in Romania. *Breastfeed Med*. 2011 Dec;6(6):429–32. *IF: 1.551; Citations: 5*.
22. Peek-Asa C, **Wallis AB**, Harland K, Beyer K, Dickey P, Saftlas A. Rural disparity in domestic violence prevalence and access to resources. *J Women’s Heal*. 2011 Nov;20(11):1743–9. *IF: 2.322; Citations: 140*.
23. Oprescu F, Peek-Asa C, **Wallis AB**, Young T, Nour D, Cherecheş RM. Pediatric poisonings and risk markers for hospital admission in a major emergency department in Romania. *Matern Child Health J*. 2012;16(2):495–500. *IF: 1.788; Citations: 18*.
24. **Wallis AB**, Fernandez R, Oprescu F, Chereches R, Zlati A, Dungy CI. Validation of a Romanian scale to detect antenatal depression. *Cent Eur J Med*. 2012;7(2):216–23. *IF: 0.153; Citations: 4*.
25. Harland KK, Saftlas AF, **Wallis AB**, Yankowitz J, Triche EW, Zimmerman MB. Correction of systematic bias in ultrasound dating in studies of small-for-gestational-age birth: an example from the Iowa Health in Pregnancy Study. *Am J Epidemiol*. 2012 Sep 1;176(5):443–55. *IF: 5.595; Citations: 11*.
26. **Wallis AB**, Tsigas EZ, Saftlas AF, Sibai BM. Prenatal education is an opportunity for improved outcomes in hypertensive disorders of pregnancy: results from an Internet-based survey. *J Matern Fetal Neonatal Med*. 2013 Nov 20;26(16):1565–7. *IF: 1.674; Citations: 10*.
27. Saftlas AF, Harland K, **Wallis AB**, Cavanaugh J, Dickey P, Peek-Asa C. Motivational interviewing and intimate partner violence: a randomized trial. *Ann Epidemiol*. 2014;24:144–50. *IF: 2.582; Citations: 23*.
28. Brčina N, Mujkić A, Milošević M, Miškulin M, **Wallis AB**. Comparison of knowledge, attitudes and behaviour of health professionals and parents regarding child injuries. *Cent Eur J Public Health*. 2014;22(4):245–50. *IF: 0.682; Citations: 5*.
29. Beyer K, **Wallis AB**, Hamberger LK. Neighborhood environment and intimate partner violence: a systematic review. *Trauma Violence Abuse*. 2015 Jan 26;16(1):16–47. *IF: 3.542; Citations: 127*.
30. TePoel MRW, Saftlas AF, **Wallis AB**, Harland K, Peek-Asa C. Help-seeking behaviors of abused women in an abortion clinic population. *J Interpers Violence*. 2016 [Epub ahead of print] <http://journals.sagepub.com/echo.louisville.edu/doi/pdf/10.1177/0886260515619168>. *IF: 1.940; Citations: 2*.
31. **Wallis, A**. Stress and pregnancy. *Viața Medicală*. 2016, 1390 (36).
32. Blaga OM, Brînzaniuc A, Rus IA, Cherecheş RM, **Wallis AB**. Smoking and smoking cessation during pregnancy. An analysis of a hospital based cohort of women in Romania. *J Community Health*. 2017;42(2):333–43. *IF: 1.388; Citations: 4*.
33. Bandzuh, JT; Juran, L; Kolivaras, K.; **Wallis, A**. Local perceptions of measures to control Aedes mosquitoes and mosquito-borne diseases in Puntarenas and San José, Costa Rica. *J Latin Amer Geog*.

2017; 16(2):139-162. *Citations: 2.*

34. **Wallis, A.**; Sanyang, E. Letter to the editor: New era of health for The Gambia? 2017; 389:2101-2. *Lancet. IF: 39.207*
35. Peek-Asa, C.; Saftlas, A.; **Wallis, A.**; Harland, K.; Dickey, P. Presence of children in the home and intimate partner violence among women seeking elective pregnancy termination. *PLOS One.* 2017; 12(10):e0186389. *IF: 3.5; Citations: 2.*
36. LeMasters, K., **Wallis, A.**, Cherecheş, R., Gichane M, Tehei C, Varga A, Tumlinson, K. Pregnancy experiences of women in rural Romania: Understanding ethnic and socioeconomic disparities. *Culture, Health & Sexuality.* 2018; 15:1-14. doi: 10.1080/13691058.2018.1464208. [Epub ahead of print]. *IF: 1.742; Citations: 2.*
37. **Wallis, A.**; Brînzaniuc, A; Pop, O; Chereches, R. Socioeconomic patterning of prenatal depression: Results from a multiple clinic study. Accepted, August 2018, *Maternal and Child Health Journal. IF: 1.788.*
38. **Wallis, A.** Addressing gaps in maternal, neonatal, and child Health in West Africa for achieving SDG 2030 in West Africa. *Editorial. African Journal of Reproductive Health.* 2018. 22(4):9-15. *IF: .80; Citation: 1.*
39. Bagagnan, AR; Ouedraogo, I; Fonta, WM; Sowe, M; **Wallis, A.** 2019. Can protection motivation theory explain farmers' adaptation to climate change decision making in the Gambia? *Climate.* 2018 22(4):9-15.

#### **Manuscripts in submission**

1. Okonofua, FE; Ntoimo, L; Igboin, B; Ekwo, C; Imongan, W; Yaya, S.; **Wallis, A.** Why rural women do not use primary health centres for pregnancy care: Evidence from a qualitative study in Nigeria. *BMC Pregnancy and Childbirth.* Submission: PRCH-D-19-00135R2. Submitted May 2019.
2. Reece, E.; Taylor, K; **Wallis, A.** The association between caffeinated beverages and fecundability: Differences in coffee, tea, and cola consumption. Submission: MACI-D-19-00209. Submitted January 2019.
3. Tadevosyan N.S., Guloyan H.A., Tadevosyan A.E., **Wallis A.** Indicators of physical development of newborns depending on the level of organochlorine pesticides in the mother's organism. Submitted to Special Issue of *MCH Journal.*

#### **Book chapter**

1. **Wallis, A.** 2017. Global Maternal and Child Health. In *Population Health: Management, Policy and Technology*, Eds. Esterhay, R., Nesbitt, L. CreateSpace. Second Edition.

#### **Invited book reviews**

2. **Wallis, A.** 2005. *Health and Welfare for Families in the 21st Century.* Invited review. *JAMA.* 293(5):623-4.
3. **Wallis, A.**; Barnette, J. *Evaluation Theory, Models, & Applications.* Invited review. 2008. *JAMA.* 299:2692-3.

#### **Publications in professional, non-peer-reviewed literature**

4. **Wallis, A.** Preventive education for preeclampsia in prenatal care. *Expectations: The Newsletter of the Preeclampsia Foundation.* December 2012.

## Relevant Funding

2004	Epidemiological Paradox or Perinatal Advantage? Perinatal Outcomes for Latina Women in Iowa and Florida	University of Iowa, College of Medicine/College of Public Health (CPH-COM NIRA 2003)	PI: Anne Wallis  University of Iowa, College of Public Health
9/1/2006-8/30/2009	Is Motivational Interviewing an Effective Intervention for Women Coping with Intimate Partner Violence?	CDC R49 (CE000924) \$886,197	Audrey Saftlas (PI), Corrie Peek-Asa (Co-PI), Anne Wallis (Co-Investigator)
4/01/2008-3/31/2010	Intimate Partner Violence in a Women's Health Clinic Population	NIH/NICHHD R21 (HD053850)  \$223,000	Audrey Saftlas (PI), Corinne Peek-Asa (Co-PI), Anne Wallis (Co-Investigator)
1/08-12/08	Geo-epidemiology of intimate partner violence in rural Iowa,	University of Iowa, Injury Prevention Research Center (IPRC) (R49 CE001167-04) \$15,000  University of Iowa, Social Sciences Funding Program \$20,000	Anne Wallis (PI)
1/09-12/09	Pediatric injury assessment in a rural Roma village, Romania	University of Iowa, Injury Prevention Research Center (IPRC) (R49 CE001167-04) \$15,000	Anne Wallis (PI)
10/1/06 – 9/30/11	Evaluation of SAMHSA Systems of Care for Children with Severe Emotional Disorders	USDHHS/SAMHSA/Center for Mental Health Services (CMHS)/Child Health Specialty Clinics, University of Iowa (U79 SM57031) \$582,738	Anne Wallis (PI) Thomas Vaughn (Co-PI)
10/11-10/16	MAIA: Advancing maternal and child health in Romania	Romanian Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI) (PN-II-ID-PCE-2011-3)	Anne Wallis (PI) Razvan Cherecheș (Co-Investigator)

		\$600,000	
1/1/2003- 12/31/2005	Making Connections	Annie E. Casey Foundation (203.0119) \$414,389	PI: Anne Wallis - University of Iowa, College of Public Health
2005- present	Des Moines Healthy Start/Empowerment Evaluation	Des Moines Healthy Start Iowa Empowerment BoardHRSA/MCHB (D89MC23537)\$24,400/year	PI: Anne Wallis