

REUBEN ADATORWOVOR

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EDUCATION

University of North Carolina at Chapel Hill *May 2020*
PhD in Biostatistics
Advisor: Jason P Fine

Masters in Biostatistics *December 2015*

Southern Illinois University, IL *May 2013*
PhD(ABD) in Mathematics
Advisor: Henri Schurtz

Youngstown State University, OH *August 2008*
Masters in Mathematics (Actuarial Science)

University of Cape Coast, GH *June 2005*
Bachelor of Mathematics and Education

PROFESSIONAL EXPERIENCE

July 2020 - now: Assistant Professor, Department of Biostatistics, University of Kentucky

August 2013 - Spring 2020: Graduate research assistant, Department of Biostatistics, University of North Carolina at Chapel Hill

Fall 2017 - Spring 2020: Biostatistical analyst and grant reviewer at North Carolina Translational and Clinical Institute, (NC TraCS), Department of Biostatistics, University of North Carolina at Chapel Hill

Spring 2014 - Fall 2019: Statistical consultant, Biometric Consulting Laboratory, Department of Biostatistics, University of North Carolina at Chapel Hill

August 2016 - Spring 2020: Graduate teaching assistant, Department of Biostatistics, University of North Carolina at Chapel Hill

August 2010 - May 2013: Graduate teaching assistant, Department of Mathematics, Southern Illinois University, Carbondale

Summer 2010: Graduate research assistant, Department of Mathematics, Southern Illinois University, Carbondale

January 2009 - August 2010: Director of Student Success Center, Mathematics Instructor and ADA Coordinator, Southeastern Illinois College, Harrisburg

Fall 2008: Mathematics Instructor, Department of Maths and Statistics, Youngstown State University, Ohio

Summer 2008: Graduate research assistant, Department of Economics, Youngstown State University, Ohio

January 2007 - August 2008: Graduate teaching assistant, Department of Mathematics and Statistics, Youngstown State University, Ohio

June 2005 - December 2006: Senior research assistant, Department of Science and Mathematics Education, University of Cape Coast, Cape Coast

Spring 2004 - Fall 2008: High school mathematics teacher, Chaney Hill, Wesley Girls Hill, st. Augustine's College

HONORS AND AWARDS

Dissertation Completion Fellowship Award, University of North Carolina *2019 - 2020*

T32: Ruth L. Kirschstein National Research Service Award *2019 - 2020*

Outstanding Incoming Student Alumni Scholarship Award *August 2013*

INVITED PRESENTATIONS AT CONFERENCES AND DEPARTMENTAL SEMINARS

Contributed paper on statistical methodology: International Society for Clinical Biostatistics (ISCB), Krakow, Poland, August, 2020

Contributed paper on statistical methodology: Joint Statistical Meeting, Philadelphia, Pennsylvania, August, 2020

Contributed paper on statistical methodology: WNAR Biometrics Conference, Anchorage, Alaska, June, 2020

Statistical Methodology: Department of Biostatistics, University of Kentucky, Lexington, November, 2019

Contributed paper on statistical methodology: ENAR Biometrics Conference, Nashville, Tennessee, March, 2020

COMPUTER SKILLS

SAS, R, Mplus, Matlab, SPSS, RedCap, Gretl and Maxima, shell scripting, MS Windows

VOLUNTEER

Spring - Fall 2010: Taught high school mathematical games, Algebra Project, Young Peoples Project, Eldorado

LEADERSHIP EXPERIENCE

Summer 2003 - Summer 2004: Treasurer: National Union of Ghana Students, University of Cape Coast Secretariat

Summer 2011 - May 2013: Elder: Adventist Students Fellowship, Carbondale

PROFESSIONAL MEMBERSHIPS

- American Statistical Association (ASA)

- International Biometric Society (IBS)

PUBLICATIONS

A . Collaborative Peer Reviewed, Journal

1. Eshghi, M, **Adatorwovor, R.**, Preisser, J.S., Crais, E.R., Zajac, D.J. Lexicogrammatical Skills in Two-Year-Old Children with Repaired Cleft Palate, Children with Otitis Media, and Typically Developing Children. June 2020. Under Review.
2. Dunham, C, **Adatorwovor, R.**, Brame, J, White, B, A and Weintraub J. Teledentistry Knowledge, Attitudes and Curriculum Recommendations Among Dental and Dental Hygiene Students. Journal of Dental Education. May 2020. Under Review.
3. Davis, S., Ross, M. S. H., **Adatorwovor, R.**, and Wei, H. "Telehealth and Mobile Health Interventions in Adults with Inflammatory Bowel Disease: A Mixed Methods Systematic Review". "Research in Nursing & Health. Under Revision.
4. Zajac, D. J., Vallino, L. D., Baylis, A. L., **Adatorwovor, R.**, Preisser, J. S., and Vivaldi, D. "Emergence of Prevocalic Stop Consonants in Children with Repaired Cleft Palate. Journal of Speech, Language and Hearing. May 2020, Under Review.
5. Weintraub, J. A., Edwards, L. R., Brame, J. L., Lampiris, L., White, B.A., **Adatorwovor, R.**, Matthews, N.S.. Teledentistry Knowledge and Attitudes Before and After a Statewide Summit: Perspectives on the role of dental hygienists. Journal of Dental Hygiene, (2020), 94-4, 13-21.
6. Eshghi, M, **Adatorwovor, R.**, Preisser, J.S., Crais, E.R., Zajac, D.J. Vocabulary Growth From 18 -24 Months of Age in Children with Repaired Cleft Palate. JSLHR. (2019); 1-18.
7. Berry, D. C., McMurray, R. G., Schwartz, T. A., **Adatorwovor R.** Benefits for both African American and White Low-Income 7-10-Year-Old. Children and their Parents Taught Together in a Community-Based Weight Management Program in the Rural Southeastern United States. BMC Public Health, (2018) 18:1107.
8. Berry, D. C., McMurray, R. G., Schwartz, T. A., Hall E. G., Neal, M. N., **Adatorwovor, R.**, A cluster randomized controlled trial for child and parent weight management: children and parents randomized to the intervention group have correlated changes in adiposity. BMC Obesity, 2017(4:39), Dec 04,2017.
9. Anderson J. J. B, **Adatorwovor R.**, et al. Lack of Influence of Calcium-to-Phosphorus Ratio on Hip and Lumbar Bone Mineral Density in Older Americans: NHANES 2005-2006 Cross-sectional Data. J. Endocr. Soc. (2017) 1 (5): 407-414.
10. Berry, D. C., Hall E. G., Neal, M. N., **Adatorwovor, R.**, et al. Final Results of the Optimizing Outcomes in Women with Gestational Diabetes Mellitus and their Infants Cluster Randomized Controlled Pilot Study: Lessons Learned. Journal of NBNA, December 2016, Vol. 27 Number 2.
11. Stuebe, A. M., Bonuck, K. **Adatorwovor, R.** et al. A cluster randomized trial of tailored breastfeeding support for women with gestational diabetes. Breastfeeding Medicine, 11.10 (2016): 504-513.
12. **Adatorwovor, R.**, Roggenkamp, K., and Anderson, J.J.B. Intakes of Calcium and Phosphorus and Calculated Calcium-to-Phosphorus Ratios of Older Adults: NHANES 20052006 Data. Nutrients 7:9633-9639, 2015.

B. Methodological Statistics Peer-reviewed, Journal

1. **Adatorwovor, R.**, Latouche, A. and Fine, J.P. Relaxing the Independence Assumption in Relative Survival Analysis: A Parametric Approach. Under revision.

2. **Adatorwovor, R.** and Fine, J., P. Relaxing the Independence Assumption in Relative Survival Analysis: A Nonparametric Approach. Under review.
3. **Adatorwovor, R.**, and Fine, J., P. Relaxing the Independence Assumption in Relative Survival Analysis: A Regression Approach. In preparation.
4. **Adatorwovor, R.**, Little, P. and Fine, J., P. In estimation of Relative Survival: R dependence Package". Journal of Statistical Software. In preparation.

C. Abstracts

1. CDunham, C, **Adatorwovor, R.**, Brame, J, White, B, A and Weintraub J. Dental and Dental Hygiene Students Knowledge and Attitudes Regarding Teledentistry. 2020 ADEA Annual Session & Exhibition, National Harbor, MD.
2. S.A. Dua, L.R. Edwards, **R. Adatorwovor**, N.S. Matthews. The Integration of Telehealth and Interprofessional Collaboration in a Virtual Clinic Model for the Management of Patients with Juvenile Idiopathic Arthritis. 2019 ADEA annual session, Chicago IL.
3. Jane A. Weintraub, Leiana Edwards, Jennifer Brame, Lewis Lampiris, B. Alex White, **Reuben Adatorwovor**, N. Shaun Matthews. Teledentistry Knowledge and Attitudes of Stakeholders Before and After a Statewide Teledentistry Summit. 2019 IADR/AADR/CADR General Session-Abstract, Vancouver, BC, Canada.
4. Marziye Eshghi, **Reuben Adatorwovor**, John S. Preisser, Elizabeth R. Crais, David J. Zajac. Vocabulary Growth from 18 to 24 Months of Age in Children with and without Repaired Cleft Palate. Abstract submitted in April 2018 to ACPA. Published in ASHA convention, Sep 2018.
5. Alison M. Stuebe, K Bonuck, **Reuben Adatorwovor** et. al. A tailored breastfeeding support intervention for women with gestational diabetes. Published abstract AJOG, vol 214, ps68, 2016

D. Collaborative Papers

1. Nigel, S, Dua S. Edwards, L and **Adatorwovor, R.** The Integration of Telehealth and Interprofessional Collaboration in a Virtual Clinic Model for the Management of Patients with Juvenile Idiopathic Arthritis. In preparation.