

# CLAUDE MESSAN SETODJI

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## Education

2003 PhD in Statistics. University of Minnesota, Minneapolis, Minnesota (USA).  
2000 MSc in Statistics. University of Minnesota, Minneapolis, Minnesota (USA).  
1994 MSc in Mathematics. University of Benin, TOGO (West Africa).

## Professional Experience

11/11 – Present Senior Statistician. RAND Corporation, Santa Monica CA  
10/13 – Present Core Faculty, RAND Pardee Graduate School  
10/13 – 01/2021 Co-Director, RAND Center for Causal Inference  
8/09 – Present Adjunct Professor. Heinz College, School of public policy and Management.  
Carnegie Mellon University  
12/07 – 10/11 Statistician. RAND Corporation, Santa Monica CA  
Research on policy making, health, education, civil justice.  
7/03 – 12/07 Associate Statistician. RAND Corporation, Santa Monica CA  
6/02 – 9/02 Statistical consultant. School of Statistics, University of Minnesota.  
1/02 – 5/02 Web assistant. School of Statistics, University of Minnesota.  
5/01 – 1/02 Research assistant. School of Statistics, University of Minnesota.  
8/00–5/03 Instructor. School of Statistics, University of Minnesota.  
6/00 – 8/00 Web TA. School of Statistics, University of Minnesota.  
1/00 – 5/00 Statistical consultant. School of Statistics, University of Minnesota.  
8/99 – 12/99 Teaching assistant. School of Statistics, University of Minnesota.  
1997 – 1999 Quality operator. Scimed-BSC, Maple Grove, Minnesota.  
1994 – 1995 Instructor. College ASDA in TOGO/ West Africa.  
I taught mathematics for undergraduate student.

## Selected Peer-Reviewed Publications

Bura E., Li B., Li L., Nachtsheim C., Pena D., **Setodji C.**, Weiss R.E. A Conversation with Dennis Cook. *Statistical Science*, 2021, 36(2), 328-337. doi: 10.1214/20-STS801  
Salhi R.A., Fouche S., Mendel P., Nelson C., Fetters M.D., Guetterman T., Forman J., Nham W., Goldstick J.E., Lehrich J., Forbush B., Iovan S., Hsu A., Shields T.A., Domeier R., **Setodji C.M.**, Neumar R.W., CARES Surveillance Group, Nallamotheu B.K., Abir M. Enhancing

- Prehospital Outcomes for Cardiac Arrest (EPOC) study: sequential mixed-methods study protocol in Michigan, USA. *BMJ Open*, 2020, 10:e041277. doi: 10.1136/bmjopen-2020-041277
- Guetterman T.C., Abir M., Nallamotheu B.K., Fouche S., Nham W., Nelson C., Mendel P., Forbush B., Shields T.A., **Setodji C.M.**, Hsu A.P., Domeier R.M., Kronick S., Neumar R.W., and Fetters M.D. The Process of Team Building Among Content Experts and Methodologists: An example from an emergency medical services research investigation kick-off meeting. *International Journal of Qualitative Methods*, 2020, 19, 1–11
- Buttorff C., Timbie J.W., Lavelle T.A., Malsberger R., Kress A.M., **Setodji C.M.** and Kahn K.L. Do interventions promoting medical homes in FQHCs improve continuity of care for Medicare beneficiaries? *Journal of Public Health*, 2019, [Epub ahead of print]. doi: 10.1007/s10389-019-01090-4
- Kingsley M., **Setodji C.M.**, Pane J.D., Shadel W.G., Song G., Robertson J., Kephart L., Henley P., Ursprung S.W.W. Short-term impact of a flavored tobacco restriction: changes in youth tobacco use in a Massachusetts community. *American Journal of Preventive Medicine*, 2019, 57(6), 741-748
- Setodji C. M.**, Peipert J. D. and Hays R. D. (2019 epub). Differential item functioning of the CAHPS In-center Hemodialysis Survey. *Quality of Life Research*, 2019, 28(11), 3117-3135. doi: 10.1007/s11136-019-02250-5
- Setodji C.M.**, Burkhart Q., Hays R.D., Quigley D.D., Skootsky S.A., Elliott M.N. Differences in Consumer Assessment of Healthcare Providers and Systems (CAHPS) Clinician and Group Survey Scores by Recency of the Last Visit: Implications for Comparability of Periodic and Continuous Sampling. *Medical Care*, 2019, 52(12), e80-e86. doi: 10.1097/MLR.0000000000001134
- Dunbar, M.S., Martino, S.C., **Setodji, C.M.** & Shadel, W.G. Exposure to the tobacco power wall increases adolescents' willingness to use e-cigarettes in the future. *Nicotine & Tobacco Research*, 2019, 21(10), 1429 -1433. doi:10.1093/ntr/nty112.
- Timbie J.W., Kranz A.M., Mahmud A., **Setodji C.M.**, and Damberg C.L. Federally qualified health center strategies for integrating care with hospitals and their association with measures of communication. *The Joint Commission Journal on Quality and Patient Safety*, 2019, 45 (9), 620-628
- Martino, S., **Setodji, C.**, Dunbar, M., & Shadel, W.G. (2019). Increased attention to the tobacco power wall predicts increased smoking risk among adolescents. *Addictive Behaviors*, 88, 1-5.
- Shadel, W.G., Martino, S., **Setodji, C.**, Dunbar, M., Kusuke, D., Lanna, S., & Meyer, A. (2019). Placing anti-smoking graphic warning posters at retail point-of-sale locations increases some adolescents' susceptibility to future smoking. *Nicotine & Tobacco Research*, 21, 220-226.
- Cefalu M.S., Elliott M.N., **Setodji C.M.**, Cleary P.D., Hays R.D. Hospital quality indicators are not unidimensional: A reanalysis of Lieberthal and Comer. *Health Services Research*, 2019, 54(2): 502-508.
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- Rose A.J., Timbie J.W., **Setodji C.**, Friedberg M.W., Malsberger R., Kahn, K.L. Primary care visit regularity and patient outcomes: an observational study. *Journal of General Internal Medicine*, 2018, [Epub ahead of print] doi: 10.1007/s11606-018-4718-x
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- Abir M., Goldstick G., Malsberger R., **Setodji C.M.**, Dev S., and Wenger N. The Association of Inpatient Occupancy with Hospital-Acquired Clostridium Difficile Infection. *Journal of Hospital Medicine*, 2018, [Epub ahead of print]
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Cook RD, Setodji MC. A model-free test for reduced ranked in multivariate Regression. *Journal of the American Statistical Association* 2003;98:340-351.

#### **Professional memberships**

- 2001 - present Institute of Mathematical Statistics.
- 2001 - present American Statistical Association.
- 2019 - present Member of the Leadership Council and Advisory Board for the Institute for Research in Statistics and its Applications (IRSA) at the University of Minnesota.
- 2020 - present Member of the Advisory Board of the Master of Science in Quantitative Economics at University of Pittsburgh.

#### **Editorial Position**

- 2009 - 2021 Deputy Editor/ Statistical Reviewer of Medical Care.
- 2016 - 2020 Associate Editor of Health Services and Outcomes Research Methodology.

#### **Peer article Reviews conducted**

- Early Childhood Research Quarterly
- Health Services and Outcomes Research Methodology
- Journal of Adolescent Health
- Journal of Educational and Behavioral Statistics
- Journal of the American Statistical Association
- Journal of Statistical Computing and Simulation
- Medical Care
- Psychological Methods
- Quality of Life REsearch
- Statistica Sinica
- Statistics and Probability Letters
- Technometrics