

CARLIN BRICKNER, DrPH

Visiting Nurse Service of New York
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EMPLOYMENT

Visiting Nurse Service of New York <i>Director of Analytics</i> <i>Associate Director of Biostatistics</i> <i>Senior/Statistical Analyst</i>	New York, NY 2015– Present 2014– 2015 2006–2014
The Reputation Institute <i>Consultant</i>	New York, NY Dec 2005–Apr 2006

EDUCATION

Rutgers University Doctorate of Public Health in Biostatistics	2007–2015
The University of Akron Master of Science in Statistics	2004–2005
The Pennsylvania State University Bachelor of Science in Mathematics Minor in Statistics	2000–2004

COMPLETED RESEARCH SUPPORT

WIO LTV Impact Evaluation <i>Workforce Investment Organization Ladders to Value</i> <i>Role: Investigator</i>	Oct 2018–Mar 2021
Infection Control in Home Care and Predictive Risk Modeling <i>Agency for Health Care Quality and Research</i> <i>Role: Co-Investigator</i>	Jul 2016–June 2019 1R01HS024723 Shang (PI)

PUBLICATIONS

Dowding, D., Russell, D., McDonald, M. V., Trifilio, M., Song, J., **Carlin Brickner**, and Shang, J. (2021). "a catalyst for action": Factors for implementing clinical risk prediction models of infection in home care settings. *J. Am. Medical Informatics Assoc.*, 28(2):334–341.

McDonald, M. V., **Carlin Brickner**, Russell, D., Dowding, D., Larson, E. L., Trifilio, M., Bick, I. Y., Sridharan, S., Song, J., Adams, V., Woo, K., and Shang, J. (2020). Observation of hand hygiene practices in home health care. *Journal of the American Medical Directors Association*.

Rosati, R. J., Russell, D., Peng, T., **Brickner, Carlin**, Kurowski, D., Christopher, M. A., and Sheehan, K. M. (2014). Medicare home health payment reform may jeopardize access for clinically complex and socially vulnerable patients. *Health Aff (Millwood)*, 33(6):946–956.

Shang, J., Russell, D., Dowding, D., McDonald, M. V., Murtaugh, C., Liu, J., Larson, E. L., Sridharan, S., and **Carlin Brickner** (2020). A predictive risk model for infection-related hospitalization among home healthcare patients. *Journal of Health Care Quality*, 42:136–147.

Brickner, Carlin (2014). *Estimating the Relationship Between a Transient Effect and the Onset of An Acute Event: A Comparison of a Case Crossover Design and a Retrospective Cohort Design*. PhD thesis, Rutgers University.

Brickner, Carlin and Napoli, R. (2018). *dprint: Print Tabular Data to Graphics Device*. R package version 0.0.4.

PRESENTATIONS

Estimating the Relationship Between a Transient effect and the Onset of an Acute Event: A Comparison of a Case-Crossover Design and A Retrospective Cohort Design. Oral Presentation at The Joint Statistical Meetings. Boston, MA August 2014.

Comparison of ICD-9-CM Classification Schemes in a Home Health Care Setting. Poster Presentation at The Joint Statistical Meetings. Montreal, Quebec. August 2013.

Random Change-point Model for Joint Modeling of Cognitive Decline and Dementia. Oral Presentation. Biostatistics Seminar at Rutgers School of Public Health. Piscataway, NJ. September 2012.

A Statistical model for Hospital Admissions Caused by Seasonal Diseases. Oral Presentation. Biostatistics Seminar at Rutgers School of Public Health. Piscataway, NJ. February 2012.

Constructing Tabular Output Using the R Graphics Device. Oral Presentation at The Joint Statistical Meetings. Miami, FL. August 2011.

Medication Changes Triggering Falls Experienced by Home Bound Patients. Oral Presentation at The AcademyHealth Annual Research Meeting. Seattle, Washington. June 2011.

An Evaluation of Resampling Methods for Assessment of Survival Risk Prediction in High-Dimensional Settings. Oral Presentation. Biostatistics Seminar at Rutgers School of Public Health. Piscataway, NJ. March 2011.

The Performance of Different Propensity-Score Methods for Estimating Differences in Proportions (Risk Differences or Absolute Risk Reductions in Observational Studies). Oral Presentation. Biostatistics Seminar at Rutgers School of Public Health. Piscataway, NJ. February 2011.

Analysis of Recurrent Event Data Under the Case-Crossover Design with Applications to Elderly Falls. Oral Presentation. Biostatistics Seminar at Rutgers School of Public Health. Piscataway, NJ. October 2010.

Graphics Device Tabular Output. Oral Presentation at The UseR Conference 2010. Gaithersburg, Maryland, July 2010.

Physical Therapy in Home Health Care: Modeling Eligibility & Estimating Effectiveness. Poster Presentation at The 8th International Conference on Health Policy Statistics. Washington D.C. January 2010.

Predicting Wound Deterioration in Home Health Care Patients. Poster Presentation at The Joint Statistical Meetings. Washington D.C. August, 2009.

MEMBERSHIPS

- American Statistical Association, AcademyHealth