

## **Joni L. Ricks-Oddie, Ph.D, M.P.H.**

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### **Education:**

University of California, Los Angeles

Ph.D, Epidemiology

Concentration: Statistical Methods, Social/Behavioral Epidemiology

Graduation: June 2012

Thesis: The Intersection of Trauma, Race and Gender in the U.S.

University of Michigan, Ann Arbor, MI

Master of Public Health, Epidemiology

Concentration: Infectious Disease and Social/Behavioral Epidemiology

Graduation: April 2006

Thesis: Influence of Nativity on the Association between Infection, Inflammation and Diabetes.

The University of Iowa, Iowa City, IA

Bachelor of Science in Microbiology, December 2003

Bachelor of Science in Microbiology with Honors

Graduation: December 2003

Thesis: Role of IsgG in Neisseria

### **Grants and Fellowships:**

Department of Epidemiology –Fellowship in Epidemiology (University of California, Los Angeles 1-yr Departmental Fellowship)	<i>2011-2012</i>
Department of Epidemiology –Fellowship in Epidemiology (University of California, Los Angeles 1-yr Departmental Fellowship)	<i>2010-2011</i>
Alpha Kappa Alpha Educational Advancement Foundation (EAF) Award (Graduate Student Merit Scholarship)	<i>2010-2011</i>
Graduate Research Mentorship Award (University of California, Los Angeles 1-yr Research Fellowship)	<i>2008-2009</i>
Eugene V. Cota-Robles Fellowship (University of California, Los Angeles 4-yr Doctoral Fellowship)	<i>2006-2010</i>
Non-Resident, Dean’s Award (University of Michigan, School of Public Health- 2-yr Full Tuition Grant)	<i>2004-2006</i>

### **Book Chapters:**

Mays, V.M., Maas, R., **Ricks, J.** & Cochran, S.D. Changing the Future Course of the HIV Epidemic in African American women in the U.S. South: Employing a Social Determinants Approach in Population-Level HIV Prevention and Intervention. Baum, A., Revenson, T.A., & Singer, J.E. (Eds). (2011). Handbook of Health Psychology, 2nd edition. New York: Taylor & Francis.

### **Published Manuscripts:**

Au Yong, N., Malekmohammadi, M., **Ricks-Oddie, J.**, Hudson, A., Pouratian, N. Contextual Movement-Modulation of  $\alpha$  and  $\beta$  Oscillations in Parkinson disease. (Under Review).

Funk, J., Larson, J., **Ricks-Oddie, J.** (2021). Plant traits are differentially linked to performance in a semi-arid ecosystem. *Ecology*. (In Press).

Mohammadi, M., Dehkordi-Vakil, F., **Ricks-Oddie, J.**, Mansfield, R., Kashmir, H., Daniels, M., Zhao, W., Lakey, J. (2020). Preferences of Type 1 Diabetic Patients on Devices for Islet Transplantation. *Cell Transplant*, Jan-Dec, 29.

Stey, A., **Ricks-Oddie, J.**, Innis, S., Rangel, S., Moss, R.L., Hall, B.L., Kraemer, K., Ko, C.Y., Dibbins, A., Skarsgard, E. (2018). New anthropometric classification scheme of preoperative nutritional status in children: a retrospective observational cohort study. *BMJ Paediatrics Open*; 2.

Au Yong, N., Malekmohammadi, M., **Ricks-Oddie, J.**, Pouratian, N. (2018). Movement-Modulation Of Local Power And Phase Amplitude Coupling In Bilateral Globus Pallidus Interna In Parkinson Disease. *Front Hum. Neurosci*, 12: 270.

Malekmohammadi, M., Au Yong, N., **Ricks-Oddie, J.**, Bordelon, Y., Pouratian, N. (2018). Pallidal deep brain stimulation modulates excessive cortical high  $\beta$  phase amplitude coupling in Parkinson disease. *Brain Stimulation*.

Patel, A.A., Walling, A.M., **Ricks-Oddie, J.**, May, F.P, Saab, S., Wenger, N. (2017). Palliative Care and Health Care Utilization for Patients With End-Stage Liver Disease at the End of Life. *Clinical Gastroenterology and Hepatology*, 15:1612-1619.

Solem, R.C., Ruellas, A., **Ricks-Oddie, J.**, Kelly, K., Oberoi, S., Lee, J. Miller, A., Cevidane, L. (2016). Congenital and acquired mandibular asymmetry: Mapping growth and remodeling in 3 dimensions. *Am J of Orthodontics*, 150(2):238-251.

**Ricks, J.**, Cochran, SD., Arah OA., Willams, JK., Seeman, T. (2015). Food Insecurity and Intimate Partner Violence against Women: Results from the California Women's Health Survey. *Public Health Nutrition*, 19(5):1-10.

Park, J., Rhee, C.M., Sim, J.J., Kim, Y., **Ricks, J.**, Streja, E., Vashista, T., Tolouian, R., Kovesdy, C.P., Kalantar-Zadeh, K (2013). A Comparative Effectiveness Research Study of the Change in Blood Pressure during Hemodialysis Treatment and Survival. *Kidney International*, 84:795-802.

**Ricks, J.**, Molnar, M.Z., Kovesdy, C.P., Shah, A., Nissenson, A.R., Williams, M.E., Kalantar-Zadeh, K (2012). Glycemic Control and Mortality in Hemodialysis Patients with Diabetes Mellitus: A Six Year Cohort Study. *Diabetes*, 61:708-715.

**Ricks, J.**, Molnar, M.Z., Kovesdy, C.P., Kopple J., Norris K., Mehrotra, R., Nissenson, A.R., Arah, O.A., Greenland, S., Kalantar-Zadeh, K. (2011). Racial and Ethnic Differences in the Association of Body Mass Index and Survival in Maintenance Hemodialysis Patient. *Am J Kidney Dis*, 58 (4): 574-82.

Kalantar-Zadeh, K., Miller, J.E., Kovesdy, C.P., Mehrotra, R., Lukowski, L.R., Streja, E., **Ricks, J.**, Jing, J., Nissenson, A.R., Greenland, S., Norris K. (2010). Impact of Race on Hyperparathyroidism, Mineral Disarrays, Administered Vitamin D and Survival in Hemodialysis Patients. *J Bone Miner Res*, 25 (12): 2448-58.

**Published Conference Abstracts and Presentations:**

**Ricks, J.**, Sim, J., Molnar, M.Z., Kovesdy, C.P., Kalantar-Zadeh, K. (2012). Racial-Ethnic Differences in the Association of Pre-Hemodialysis Systolic Blood Pressure and Cardiovascular Mortality. Poster presented at the American Society of Nephrology Renal Week 2012. October 30 – November 4. San Diego, CA.

**Ricks, J.**, Sim, J., Molnar, M.Z., Kovesdy, C.P., Kalantar-Zadeh, K. (2012). Racial-Ethnic Differences in the Impact of Systolic Blood Pressure on Mortality in Hemodialysis Patients. Poster presented at the American Society of Nephrology Renal Week 2012. October 30 – November 4. San Diego, CA.

Molnar, M.Z., **Ricks, J.**, Sim, J., Remport, A., Foster, C.E., Kovesdy, C.P., Kalantar-Zadeh, K. (2012). Examining the Association of Pre-Transplant Blood Pressure with Post- Transplant Outcomes. Poster presented at the American Society of Nephrology Renal Week 2012. October 30 – November 4. San Diego, CA.

Sim, J., Bhandari S.K., Shi, J., **Ricks, J.**, Molnar, M.Z., Kalantar-Zadeh, K. (2012). Exploring a J Curve for Blood Pressure (BP) and Outcomes in a Large Ethnically Diverse Population: Where Is the Ideal BP? Poster presented at the American Society of Nephrology Renal Week 2012. October 30 – November 4. San Diego, CA.

Molnar, M.Z., **Ricks, J.**, Kovesdy, C.P., Shah, A.P., Nissenson, A.R., Williams, M.E., Kalantar-Zadeh, K (2011). Glycemic Control and Mortality in Hemodialysis Patients with Diabetes Mellitus: A Six Year Cohort Study. Oral presentation given at American Society of Nephrology Renal Week 2011 on Nov. 8-13, 2011 in Philadelphia, PA.

**Ricks, J.**, Molnar, M.Z., Kovesdy, C.P., Kopple J., Norris K., Mehrotra, R., Nissenson, A.R., Arah, O.A., Greenland, S., Kalantar-Zadeh, K (2011). Racial and Ethnic Differences in the Association of Body Mass Index and Survival in Maintenance Hemodialysis Patient. Oral presentation given at World Congress of Nephrology on April 8-12, 2011 in Vancouver, Canada

**Ricks, J.**, Kovesdy, C.P., Kopple, J., Norris K., Kalantar-Zadeh, K. (2010). Racial and Gender Differences of the Survival Advantage of Obesity in Maintenance Hemodialysis Patients. Poster presented at the American Society of Nephrology Renal Week 2010. November 16 - November 21. Denver, CO.

**Ricks, J.**, Streja, E., Miller, J.E., Jing, J., Nissenson, A.R., Derose, S.F., Kovesdy, C.P., Kalantar-Zadeh, K. (2009). Obesity is associated with even Greater Survival Advantage in African American Hemodialysis Patients Compared to other Races. Poster presented at the American Society of Nephrology Renal Week 2009. October 27- November 1. San Diego, CA.

Miller, J.E, **Ricks, J.**, Streja, E., Norris K., Nissenson, A.R., Kovesdy, C.P., Kalantar-Zadeh, K. (2009). Higher Doses of Administered Paricalcitol is Associated with Greater 5-Year Survival in African American Hemodialysis Patients Compared to other Races. Poster presented at the American Society of Nephrology Renal Week 2009. October 27- November 1. San Diego, CA.

Miller, J.E., Streja, E., **Ricks, J.**, Norris K., Nissenson, A.R., Kovesdy, C.P., Kalantar-Zadeh, K. (2009). Examining Survival Benefits of Higher Doses of Paricalcitol in Hemodialysis Patients: Propensity Score Matching and Overadjustment Bias. Poster presented at the American Society of Nephrology Renal Week 2009. October 27- November 1. San Diego, CA.

Kalantar-Zadeh, K., Miller, J.E., Streja, E., **Ricks, J.** Norris K., Nissenson, A.R., Kovesdy, C.P. (2009). Proposed Bundling System and Active Vitamin D Administration for African American Hemodialysis Patients. Poster presented at the American Society of Nephrology Renal Week 2009. October 27- November 1. San Diego, CA.

### **Other Publications:**

**Ricks, J.**, Streja, L., Greenland, S. (2011). Race, Age, and Mortality among Patients Undergoing Dialysis. Letter to the Editor. JAMA, 306 (20): 2215.

### **Professional Experience:**

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| <p><b>University of California, Irvine, Department of Statistics</b></p> <ul style="list-style-type: none"> <li>• <i>Director, UCI Center for Statistical Consulting</i></li> </ul>  | <p><b>Irvine, CA</b><br/>2/18 – Present</p> |
| <p><b>University of California, Irvine, Institute for Clinical and Translational Sciences</b></p> <ul style="list-style-type: none"> <li>• <i>Director, Biostatistic, Epidemiology and Research Design Unit (BERD)</i> <ul style="list-style-type: none"> <li>○ Oversee day-to-day operations and strategic planning</li> <li>○ Oversee management of multiple statistical consultant and assigned projects</li> <li>○ Implement appropriate and sustainable business strategy</li> <li>○ Cultivate relationships with external partners to bolster consulting and project visibility</li> <li>○ Connect researchers with statistics faculty for collaborative research projects</li> <li>○ Promote interdisciplinary research projects between multiple campus entities</li> <li>○ Review quality of consulting services and statistical analysis recommendations by staff</li> <li>○ Consult with faculty, students and research staff on statistical and data analytic problems</li> </ul> </li> </ul>  | <p><b>Irvine, CA</b><br/>2/18 – Present</p> |
| <p><b>University of California, Los Angeles, Institute for Digital Research and Education</b></p> <ul style="list-style-type: none"> <li>• <i>Statistical Consultant /Programmer Analyst III</i> <ul style="list-style-type: none"> <li>○ Consult with faculty, graduate students and research staff on statistical and data analytic problems</li> <li>○ Provide guidance in handling complex data structures such as hierarchical and longitudinal data</li> <li>○ Assist faculty, graduate students and research staff to develop programming syntax in order to conduct advanced statistical analyses</li> <li>○ Review previously analyzed results and give recommendations on necessary modifications</li> <li>○ Stay up-to-date on new analytic techniques and methodology</li> <li>○ Assist with training of graduate student and staff consultants</li> <li>○ Manage graduate student consultants during client consultations</li> <li>○ Cultivate relationships with external partners to bolster consulting and project visibility</li> <li>○ Oversee management of multiple research projects simultaneously</li> <li>○ Develop training seminars, webpages, tutorials and other reference material on analytic techniques and methodology including the handling of missing data, complex survey analysis, mediation, multilevel modeling and structural equation modeling</li> </ul> </li> </ul> | <p><b>Los Angeles, CA</b><br/>8/12-1/18</p> |
| <p><b>Amgen - Center for Observational Research, Nephrology</b></p>  | <p><b>Thousand Oaks, CA</b></p>             |

- *Graduate Epidemiology Intern*  
6/11-9/11
  - Completed a literature review and research project plan outlining
    - Creation of analytic data file
    - Statistical methods
  - Worked in collaboration with statistician to design and implement an appropriate analysis strategy
  - Used advanced statistical techniques including:
    - Propensity Score Matched Analysis
  - Experience working with the Fresenius Medical Care Data

**Los Angeles Biomedical Institute at Harbor-Harold Simmons Center for  
Chronic Disease Research & Epidemiology**

**Torrance, CA**  
5/09-7/12

- *Research Associate*
  - Perform data analysis using large longitudinal dataset
  - Train other staff members on longitudinal data analysis methods
  - Manage junior staff and consult on analytic plan
  - Worked in collaboration to design appropriate analysis strategies for each project
  - Experience working with the United States Renal Data System (USRDS)
  - Project: Risk factors for adverse outcomes among minority dialysis patients
    - Dataset: DaVita Dialysis Corporation Clinics (DaVita) and USRDS
    - Data analysis to determine unique risk factors for mortality among racial/ethnic minorities including African-American and Hispanic patients
  - Project: Marginal Structural Models
    - Dataset: DaVita
    - Modeling longitudinal data on mortality of dialysis patients using Marginal Structural Models
  - Project: Impact of Glycemic control on survival among dialysis patients
    - Dataset: DaVita and USRDS
    - Data analysis to determine mortality risk among hemodialysis patients with different levels of Glucose and Hemoglobin A1c

**St. Johns's Well Child and Family Center**

**Los Angeles, CA**  
5/08-12/08

- *Research Assistant/Database Manager, Project: Homelessness Prevention and Intervention Collaborative*
  - Designed Access 2003 database for Homeless needs assessment survey
  - Managed data entry
  - Performed statistical analysis on data collected
  - Generated reports

**Los Angeles County Department of Health Services, Sexually Transmitted  
Disease Control Program, Epidemiology Unit**

**Los Angeles, CA**  
Summer 2005

- *Epidemiology Internship, Project: STD Mobile Testing Unit*
  - Managed mobile testing unit project database
  - Data Analysis
  - Prepared Quarterly and Annual Reports

**University Of Iowa Hygienic Laboratory**

**Iowa City, IA**  
11/03-5/04

- *Student Assistant Program Manager*

- Worked on projects with various program managers on items pertaining to microbiology, bioterrorism, water quality, and laboratory training.
- Developed procedure to determine microbiological media costs.

### **Research Experience:**

#### **University of California, Los Angeles, School of Public Health, Epidemiology**

**Los Angeles, CA**

*10/10-6/12*

- Dissertation Research Project
  - Title: Intersection of Trauma, Race and Gender in the U.S.
  - All projects involved analysis of large survey datasets
  - Project 1: Food Insecurity and Intimate Partner Violence
    - Dataset: California Women's Health Study
  - Project 2: Trauma, Mental Distress, and Religious Social Support
    - Dataset: National Survey of American Life (NSAL)
  - Project 3: Child Abuse and Alcohol Abuse/Dependence
    - Dataset: Midlife Development in the U.S. (MIDUS)

#### **University of California, Los Angeles, School of Public Health, Health Policy And Management**

**Los Angeles, CA**

*1/08-4/08*

- *Research Consultant*
  - Synthesized and summarized information on the future of the pharmaceutical industry including:
    - Research and Development Spending
    - Relevant Legislation and Policy
    - Generic Competition
    - Growth of Biotechnology Industry
    - New Drug Approvals
    - Level of Innovation

#### **University of California, Los Angeles, Psychology**

**Los Angeles, CA**

*1/07-9/07*

- *Research Consultant*
  - Synthesized and summarized information on the behavioral, historical and contextual issues related to risk of HIV/AIDS infection in African-American women living in the rural southeastern United States

#### **University of Michigan, School of Public Health, Epidemiology**

**Ann Arbor, MI**

*1/06- 5/06*

- *Masters Thesis/Capstone Project*
  - Title: Influence of Nativity on the association between Infection, Inflammation and Diabetes.
  - Analyzed data from Sacramento Area Latino Study on Aging (SALSA)
  - Evaluated immunologic and virologic predictors of diabetes

#### **University of Michigan, School of Public Health, Health Behavior and Health Education Department**

**Ann Arbor, MI**

*9/05-5/06*

- *Research Associate*
  - Researched social and biomedical factors that influence adverse perinatal outcomes in African-American women.
  - Recruited Research Participants
  - Administered Survey/Questionnaire

**Teaching Experience:****University of California, School of Public Health, Epidemiology****Los Angeles, CA**

- Special Reader II: *Methods I- Basic Concepts and Study Design*  
*Methods II- Prediction and Validity*
    - Lead Student Discussion Section
    - Met with students to discuss course material
    - Developed Homework Exercises
    - Generated exam questions
    - Grade exams and homework
- (Average Enrollment = 60 students each quarter)

*Fall 2009**Spring 2010***Software Skills:**

SPSS, SAS, MPLUS, R, Stata

**Professional Memberships:**

American Society of Nephrology

*2009 - 2012*

American Statistical Association

*2016- Present***Activities:**

City of Long Beach Commissioner – Planning Commission

*12/19- Present*

Uptown Property and Community Association – Community Board Member

*11/18-Present*

City of Long Beach Commissioner – Citizens Police Complaint Commission

*6/18 – 11/19*

Community Lead - North Long Beach Veterans Day Committee

*7/17- 12/18*

Executive Board Member and Membership Chair- Long Beach Area Sierra Club

*1/17 – 9/19*

Vice-President - DeForest Park Neighborhood Association

*9/14 - Present*

Steering Committee Chair &amp; Secretary for Long Beach Partipatory Budgeting Project

*7/14 – 12/17*