

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Leigh Ebony Boulware, M.D., M.P.H.		POSITION TITLE Assistant Professor, Department of Medicine	
eRA COMMONS USER NAME LBOULWA1			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Vassar College, Poughkeepsie, NY	A.B.	1991	English
Duke University, Durham, NC	M.D.	1995	Medicine
Johns Hopkins University, Baltimore, MD	M.P.H.	2000	Epidemiology

**A. Positions and Honors**

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|--------------|--|
| 1995-1999    | Intern, Resident, and Chief Resident, Department of Medicine, University of Maryland Medical Center, Baltimore, MD                       |
| 1999-2002    | Post-doctoral Fellow, Division of General Internal Medicine, Department of Medicine, The Johns Hopkins School of Medicine, Baltimore, MD |
| 2002         | Instructor, Division of General Internal Medicine, Department of Medicine, The Johns Hopkins School of Medicine, Baltimore, MD           |
| 2002-present | Assistant Professor, Division of General Internal Medicine, Department of Medicine, The Johns Hopkins School of Medicine, Baltimore, MD  |
| 2002-present | Core Faculty, Welch Center for Prevention, Epidemiology and Clinical Research, The Johns Hopkins Medical Institutions, Baltimore MD      |
| 2003-present | Assistant Professor, Department of Epidemiology, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD                      |

**B. Peer-reviewed publications and manuscripts in press**

- Boulware LE, Daumit GL, Frick KD, Minkovitz CS, Lawrence RS, Powe NR. An Evidence-Based Review of Patient-Centered Behavioral Interventions for Hypertension. *American Journal of Preventive Medicine*, 2001; 21(3): 221-232.
- Daumit GL, Boulware LE, Powe, NR, Frick KD, Minkovitz CS, Anderson L, Janes, G, Lawrence, R. A Computerized Tool for Evaluating the Effectiveness of Preventive Interventions. *Public Health Reports*, 2001; 116 (S1): 244-253.
- Boulware LE, Ratner, LE, Cooper, LA, Sosa, JA, Laveist, TA, Powe, NR. Understanding Disparities in Donor Behavior: Race and Gender Differences in Willingness to Donate Blood and Cadaveric Organs. *Medical Care*, 2002; 40: 85-95.
- Boulware LE, Ratner LE, Sosa JA, Tu AH, Nagula S, Simpkins CE, Durant RW, Powe NR. The General Public's Concerns about Clinical Risk in Live Kidney Donation. *American Journal of Transplantation*, 2002; 2:186-193.
- Boulware LE, Daumit GL, Frick KD, Minkovitz CS, Lawrence RL, Powe NR. Quality of Clinical Reports on Behavioral Interventions for Hypertension. *Preventive Medicine*, 2002; 34(4):463-75.

6. Boulware LE, Ratner LE, Sosa JA, Cooper LA, Laveist TA, Powe NR. Determinants of Willingness to Donate Live and Cadaveric Organs: Identifying Opportunities for Intervention. *Transplantation*, 2002; 73 (10):1683-1691.
7. Boulware LE, Ratner LE, Ness PM, Cooper LA, Campbell- Lee S, LaVeist TA, Powe NR. The Contribution of Sociodemographic, Medical, and Attitudinal Factors to Blood Donation among the General Public. *Transfusion*, 2002; 42:669-678.
8. Powe NR, Boulware LE. The uneven distribution of kidney transplants: Getting at the root causes and improving care. *American Journal of Kidney Diseases*, 2002; 40:861-3.
9. Boulware LE, Cooper LA, Ratner LE, LaVeist TA, Powe NR. Race and trust in the health care system. *Public Health Reports*, 2003; 118: 358-365.
10. Boulware LE, Jaar BG, Tarver-Carr ME, Brancati FL, Powe NR. Screening for proteinuria in U.S. adults: a cost-effectiveness analysis. *JAMA*, 2003; 290:3101-3114.
11. Golden S, Boulware LE, Berkenblit G, Brancati F, Chander G, Marinopoulos S, Paasche-Orlow M, Powe N, Rami T. Use of Glycated Hemoglobin and Microalbuminuria in the Monitoring of Diabetes Mellitus (Evidence Report/Technology Assessment No. 84 (Prepared by Johns Hopkins Evidence-based Practice Center under Contract No. 290-97-0006). AHRQ Publication No. 04-E001. Rockville, MD: Agency for Healthcare Research and Quality, U. S. Department of Health and Human Services. October 2003.
12. Golden S, Boulware LE, Berkenblit G, Brancati F, Chander G, Marinopoulos S, Paasche-Orlow M, Powe N, Rami T Use of glycated hemoglobin and microalbuminuria in the monitoring of diabetes mellitus. *Evid Rep Technol Assess*, 2003; (Summ) Jul(84):1-6.
13. Boulware LE, Ratner LE, Cooper LA, LaVeist TA, Powe NR. Whole body donation for medical science: a population-based study. *Clinical Anatomy*, 2004; 17;570-577.
14. Boulware LE, Meoni LA, Fink NE, Parekh RS, Kao WHL, Klag MJ, Powe NR. Preferences, Knowledge, Communication and Patient-Physician Discussion of Living Kidney Transplantation. *American Journal of Transplantation*, 2005 Jun;5(6):1503-12.
15. Boulware LE, Ratner LE, Troll MU, Chaudron A, Yeung E, Chen S, Klein AS, Hiller J, Powe NR. Attitudes, Psychology and Risk Taking of Potential Live Kidney Donors: Strangers, Relatives, and the General Public. *American Journal of Transplantation*, 2005 Jul;5 (7):1671-80.
16. Jee SH, Boulware LE, Guallar E, Suh I, Appel LJ, Miller ER. Direct, progressive association of cardiovascular risk factors with incident proteinuria: results from the Korea Medical Insurance Corporation (KMIC) Study. *Archives of Internal Medicine*, 2005 165: 2299-2304
17. Friedman AL, Peters TJ, Jones KW, Boulware LE, Ratner LE. Fatal and Non-Fatal Hemorrhagic Complications of Living Kidney Donation. *Annals of Surgery*, 2006 Jan;243(1):126-30
18. Boulware LE, Liu Y, Fink NE, Coresh J, Ford DE, Klag MJ, Powe NR. Temporal relation among depression symptoms, cardiovascular disease events, and mortality in end-stage renal disease:

Principal Investigator/Program Director (Last, First, Middle):

contribution of reverse causality. *Clinical Journal of the American Society of Nephrology*, 2006 1: 496-504.

19. Boulware LE, Troll MU, Jaar BG, Myers DI, Powe NR. "Identification and Referral of Patients with Progressive Chronic Kidney Disease: A National Study. *American Journal of Kidney Diseases*, 2006 48 No. 2 (August): 192-204.
20. Boulware LE, Troll MU, Wang NY, Powe NR. Public Attitudes toward Incentives for Organ Donation: A National Study of Different Racial/Ethnic and Income Groups. *American Journal of Transplantation*, 2006 Nov; 6(11): 2774-85.
21. Walton-Moss B, Boulware LE, Cooper M, Taylor L, Dane K, Nolan MT. Prospective pilot study of living donor kidney donor decision-making and outcomes. *Clinical Transplantation*, 2007: 21:86-93.
22. Plantinga, LC, Fink NE, Bass EB, Boulware LE, Meyer KB, Powe NR. Incident Hemodialysis Patients' Preferences for Current Health and Their Outcomes. *Medical Care*, 2007 Mar;45(3):230-237.
23. Boulware LE, Marinopoulos S, Phillips KA, Hwang CW, Maynor K, Merenstein D, Wilson RF, Barnes GJ, Bass EB, Powe NR, Daumit GL. The Value of the Periodic Health Evaluation: A Systematic Review. *Annals of Internal Medicine*, 2007; 146: 289-300.
24. Boulware LE, Troll MU, Wang NY, Powe NR. Perceived Transparency and Fairness of the Organ Allocation System and Willingness to Donate Organs: A National Study. *American Journal of Transplantation*, 2007: 7: 1778-1787.
25. Jaar BG, Khatib R, Plantinga L, Boulware LE, Powe NR. Principles of screening for chronic kidney disease. *Clinical Journal of the American Society of Nephrology*, 2007 Nov 21 [epub ahead of print]
26. Boulware LE, Troll MU, Powe, NR. The effect of state and national legislation on living kidney donation rates in the United States: a national study. *American Journal of Transplantation*, [In Press].

### **C. Research Support**

#### **Ongoing Research Support**

##### **RO1, DK079682-01 (Boulware, PI)**

9/1/07-8/31/12

**National Institute of Diabetes and Digestive and Kidney Diseases** \$750,000

“Information and Financial Interventions for Kidney Donation in African Americans”

This study develops a culturally sensitive behavioral intervention to enhance shared decision-making regarding living kidney donation/transplantation and tests the behavioral intervention with and without an accompanying financial intervention to reimburse donors for incidental expenses associated with donation.

**Role:** Principal Investigator

##### **K23, DK070757-01A2 (Boulware, PI)**

9/1/06-8/31/11

**National Institute of Diabetes and Digestive and Kidney Diseases** \$623,750

“Clinical and behavioral determinants of CKD disparities”

Principal Investigator/Program Director (Last, First, Middle):

The goal of this project is to identify patient and physician factors associated with disparities in chronic kidney disease

**Role:** Principal Investigator

**Medical Editor, Powe (PI)**

2/1/05 – 6/30/08

**Foundation for Informed Medical Decision Making** \$35,746

“Improving The Quality Of Health Care Decisions Regarding Chronic Kidney Disease”

This grant involves reviewing evidence based literature related to care of patients with chronic kidney disease for inclusion in decision aids.

**Completed Research Support**

**Boulware (PI)**

7/1/06-6/30/07

**Maryland National Kidney Foundation,** \$10,000

“Assessing the relative contribution of patient and dialysis center characteristics to patients’ referral for kidney transplantation and placement on the transplant waiting list.” The goal of this study is to assess the relative contribution of patient and dialysis center level predictors to: a) referral of patients to transplant centers and b) first-time wait listing of patients for deceased donor transplantation or scheduling of patients for living donor transplantation.

**R01, NR008727 (Nolan, PI)**

6/1/05 – 5/31/09

**National Institute of Nursing Research at the National Institutes of Health**

“Factors Related to Living Organ Donor Decision Making and Outcomes”

The goal of this project is to identify factors relating to decision making for living organ donors.

**Role:** Co-Investigator

**043495 Boulware (PI)**

7/1/2002 – 6/30/2006

**Robert Wood Johnson Harold Amos Career Development Award**

“Population, Patient, and Physician Factors Affecting the Receipt of Kidney Transplantation”

The goal of this program is to carry out three complementary research projects aimed at assessing patient and physician factors as well as public attitudes that affect both *demand* for and *supply* of organs for transplantation. In addition to proposed research, coursework and seminars are planned to augment the principal investigator’s skills in the areas of qualitative and quantitative research.

**RO1DK59616-02S1 (Powe)**

10/1/2001 – 6/30/2005

**NIH/NIDDK**

“Minority Supplement to the ESRD Quality Study (EQUAL)”

The purpose of this supplement is to 1) describe the prevalence of depressive symptoms in a national cohort of patients with treated ESRD, and to 2) identify the longitudinal relation between depressive symptoms at incident ESRD therapy and important outcomes related to clinical health as well as health service utilization.

**Role:** Co-Investigator

**Boulware (PI)**

7/1/2001 – 12/31/2002

**National Kidney Foundation of Maryland Mini-Grant**

“Assessing the Cost Effectiveness of Screening for Proteinuria among U.S. Adults”

The purpose of this study is to assess the cost-effectiveness of screening adults with CKD risk factors for proteinuria.

Principal Investigator/Program Director (Last, First, Middle):

**Boulware (PI)**

**Agency for Healthcare Research and Quality 01/1/2005-02/1/2006**

**“Evidence Report on the Value of the Periodic Health Evaluation”**

The goal of this project is to prepare and evidence report for the Agency for Healthcare Research and Quality on the Value of the Periodic Health Evaluation.