

BIOGRAPHICAL SKETCH

NAME Neil R. Powe, MD	POSITION TITLE Director, Welch Center for Prevention, Epidemiology and Clinical Research Professor, Medicine and Epidemiology		
eRA COMMONS USER NAME npowe1			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Princeton University/Princeton, NJ	BA (cum laude)	1976	Biochemical Sciences
Harvard Medical School/Boston, MA	MD	1981	Medicine
Harvard School of Public Health/Boston, MA	MPH	1981	Epidemiology
University of PA, Wharton School /Phila., PA	MBA	1986	Health Care

Positions and Honors

1981-86 Intern, Resident and Fellow, Hospital of the University of Pennsylvania
1986- Instructor (86-87), Assistant (88-94), Associate Professor (94-98) and Professor (98-), Departments of Medicine and Epidemiology Johns Hopkins University Schools of Medicine and Public Health
1993-94 Institute of Medicine Committee on Measuring and Improving Quality of Care in ESRD, NAS
1986- Director, End-Stage Renal Disease Patient Outcomes Research Team (CHOICE)
1995- Co-Director, Renal Disease Epidemiology Training Program
1995-98 Peritoneal Dialysis Adequacy Workgroup, Dialysis Outcomes Quality Initiative, NKF
1996-99 Clinical Science Committee, American Society of Nephrology
1997 Co-Chair, Scientific Sessions, National Meeting of the Society of General Internal Medicine
1997-98 End-Stage Renal Disease Advisory Panel, Division of Kidney, Urologic and Hematologic Diseases
1998- Director, Welch Center for Prevention, Epidemiology and Clinical Research, Johns Hopkins University
1998- Director, Clinical Epidemiology Program, Dept of Epidemiology, Johns Hopkins School of Public Health
1998- Young Investigators= Award Review Committee, Johns Hopkins School of Medicine
1998- General Clinical Research Center Advisory Committee, Johns Hopkins School of Medicine
1999 Grants Review Committee DDK-D Ad Hoc Reviewer, NIDDK
1999- Chair, Institutional Review Board, Health Care Commission, State of Maryland
1999 Working Group on Epidemiology of Chronic Renal Insufficiency, NIDDK
1999 ESRD Treatment Comparisons: Abstract Review Committee, ASN Scientific Meeting.
1999 Advisory Committee, Graduate Training Program in Clinical Investigation, Johns Hopkins University
1999- Editorial Board, *BMJ Clinical Evidence* 2000. American Society of Clinical Investigation
2000 Kidney Disease Education Task Force, NIDDK
2000-07 Scientific Advisory Committee, United States Renal Data System, NIDDK
2000 Trans-NIDDK Strategic Planning Group on Disease Prevention and Management
2001-04 Editorial Board, *Annals of Internal Medicine*
2002-07 Board of Scientific Counselors, NIH Clinical Center 2003- American Epidemiologic Society
2003 - Institute of Medicine, Member. 2004 National Kidney Foundation Garabed Eknoyan Award
2003 Editorial Board: *Hypertension* 2004- Mary Betty Stevens Award for Excellence in Clinical Research
2004 Board of Scientific Overseers, National Center for Health Statistics, CDC
2005- Association of American Physicians
2005 John M. Eisenberg National Award for Career Achievement in Research, SGIM
2005- HHS Secretary's Advisory Committee on Human Research Protection (SACHRP)
2007 Associate Editor, Journal of the American Society of Nephrology
2007 Distinguished Educator Award, Association for Clinical Research Training.

Publications (selected from 283)

1. Powe NR, Griffiths RI, de Lissovoy G, et al. Access to Recombinant Erythropoietin by Medicare-Entitled Dialysis Patients After FDA Approval. *Journal American Medical Association* 1992;268:1434-1440.10.5
2. Powe NR, Griffiths RI, Greer JW et al. Early Dosing Practices and Effectiveness of Recombinant Human Erythropoietin. *Kidney International*, 1993;43:1125-1133.
3. Powe NR, Griffiths RI, Anderson GF, de Lissovoy GV, et al. Medicare Payment Policy and Recombinant Erythropoietin Prescribing for Dialysis Patients. *American Journal of Kidney Diseases* 1993;557-567.
4. Powe NR, Eggers PW, Johnson CB. Early Adoption of Cyclosporine and Recombinant Human Erythropoietin. *American Journal of Kidney Diseases* 1994;24:33-41.
5. Powe NR, Griffiths RI, Watson AJ, Impact of Recombinant Erythropoietin on Hospital Admissions, Readmissions, Length-of-stay and Costs of Dialysis Patients. *Journal American Society Nephrology* 1994;4:1455-65.

6. Powe NR, Eggers PW, Johnson CB. Early Adoption of Cyclosporine and Recombinant Human Erythropoietin. *American Journal of Kidney Diseases* 1994; 24:33-41.
7. Powe NR. Measuring Effectiveness and Outcomes of Interventions for Renal Disease. *Current Opinion in Nephrology and Hypertension* 1996; 5:230-235.
8. Daumit GD, Hermann JA, Coresh J, Powe NR. Cardiovascular Procedure Use Among Blacks and Whites: Seven-year National Study in Patients with Renal Disease. *Annals of Internal Medicine* 1999;130:173-82.
9. Thiemann DR, Coresh J, Octgen WJ, Powe NR. Association Between Hospital Volume and Survival after Acute Myocardial Infarction in the Elderly. *New England Journal of Medicine* 1999; 340:1640-1648
10. Powe NR, Jaar B, Furth SL, Hermann J, Briggs W. Septicemia in Dialysis Patients: Incidence, risk factors, and prognosis. *Kidney International* 1999; 55:1081-1090
11. Gross CD, Anderson GF, Powe NR. The Relation Between Funding by the National Institutes of Health and the Burden of Disease. *New England Journal of Medicine* 1999;340:1881-1887.
12. Garg PP, Frick KD, Diener-West M, Powe NR. The Effect of For-profit Ownership of Dialysis Facilities on Patient Survival and Referral for Transplant Evaluation. *New England Journal of Medicine* 1999 (in press).
13. Longenecker JC, Klag MJ, Coresh J, Levey AS, Martin AA, Fink NE, Powe NR. Validation of Comorbid Conditions on ESRD Medical Evidence Report:The CHOICE Study. *JASN* 2000; 11:520-529.
14. Furth SL, Garg PP, Neu AM, Hwang W, Fivush BA, Powe NR. Racial Differences in Access to the Kidney Transplant Waiting List for Children and Adolescents with ESRD. *Pediatrics* 2000;106:756-61.
15. Astor BC, Coresh J, Powe NR, Klag MJ. Age and Gender Dependency of the Benefits of Native Arteriovenous Fistula in Hemodialysis Patients. *American Journal of Kidney Diseases* 2000; 36:1126-3
16. Garg PP, Diener-West M, Powe NR. Reducing Racial Disparities in Transplant Activation: Whom should we target? *American Journal of Kidney Diseases* 2001; 37:921-931.
17. Wu AW, Fink N, Cagney K, Bass E, Rubin H, Meyer K, Sadler JH, Powe NR. Developing a Health-related Quality of Life Measure for ESRD: CHOICE Health Experience Questionnaire. *AJKD* 2001; 37:11-21.
18. Furth SL, Hwang W, Yang C, Mallare J, Neu AM, Fivush BA, Powe NR. Relation Between Pediatric Experience and Treatment Recommendations for Children with Kidney Failure. *JAMA* 2001; 285: 1027-1033.
19. 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.
20. Longenecker JC, Klag MJ, Marcovina SM, Powe NR, Fink NE, Giaculli F, Coresh J. Small Apolipoprotein (a) Size Predicts Mortality in End-stage Renal Disease: The CHOICE Study. *Circulation* 2002; 106:2812-18.
21. Kinchen KS, Sadler JH, Fink NE, Brookmeyer R, Klag MJ, Levey AS, Powe NR. The Timing of Specialist Evaluation in Chronic Kidney Disease and Mortality. *Annals of Internal Medicine* 2002;137: 479-86.
22. Tarver-Carr ME, Powe NR, Eberhardt MS, LaVeist T, Kington RL, Coresh J, Brancati FL. Excess Risk of Chronic Kidney Disease in African Americans Versus Whites in the United States: A Population-based Study of Potential Explanatory Factors. *Journal of the American Society of Nephrology* 2002; 13:2363-70.
23. 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 :1683-1691.
24. Powe NR. Health Care Disparities in Chronic Kidney Disease. *Kidney International* 2003; 41:505-507. *Science* 2003;299 :1753-5
25. Powe NR, Tarver-Carr ME, Eberhardt MS, Brancati FL. Receipt of Renal Replacement Therapy in the United States: A population-based study of sociodemographic disparities from the Second National Health and Nutrition Examination Survey (NHANES II). *American Journal of Kidney Diseases* 2003; 42:249-55.
26. Erlinger TP, Tarver-Carr M, Powe NR, Appel LJ, Coresh J, Eberhardt MS, Brancati FL. Leukocytosis, Hypoalbuminemia and the Risk of Chronic Kidney Disease in U.S. Adults. *AJKD* 2003; 42:256-63.
27. Powe NR. Early Referral in Chronic Kidney Disease: An enormous opportunity for prevention. *American Journal of Kidney Diseases* 2003; 41: 505-507
28. Boulware LE, Jaar BG, Tarver-Carr ME, Brancati FL, Powe NR. Screening for Proteinuria in U.S. Adults: A cost-effectiveness analysis. *Journal of the American Medical Association* 2003; 290:3101-14
29. Plantinga LC, Fink NE, Sadler JH, Levey AS, Levin NW, Rubin HR, Coresh J, Klag MJ, Powe NR. Frequency of Patient-Physician Contact and Patient Outcomes in Hemodialysis Care. *JASN* 2004; 15:210-18
30. Rubin HR, Fink NE, Plantinga LC, Zhou L, Sadler JH, Kliger AS, Powe NR. Patient Ratings of Dialysis Care with Peritoneal Dialysis Versus Hemodialysis: The CHOICE Study. *JAMA* 2004; 291:697-703
31. Liu L, Coresh J, Eustace J, Longenecker J, Jaar B, Fink N, Tracy R, Powe N, Klag M. Inflammation and Malnutrition Explain Inverse Association between Cholesterol and Mortality in Dialysis. *JAMA* 2004; 291: 451-59
32. Wu AW, Fink NE, Marsh JV, Meyer KB, Finkelstein FO, Chapman MM, Powe NR. Changes in Quality of Life during Hemodialysis and Peritoneal Dialysis Treatment. *JASN* 2004; 15:743-53
33. Jaar BG, Coresh J, Plantinga LC, Fink NE, Klag MJ, Levey AS, Levin NW, Sadler JH, Kliger A, Powe NR. The Risk of Death with Peritoneal Dialysis versus Hemodialysis in a National Cohort of Incident End-stage Renal Disease Patients. *Annals of Internal Medicine* 2005; 143:174-83
34. Watkins S, Thiemann D, Coresh J, Powe NR, Folsom AR, Rosamond W. Fourteen Year (1987-2000) Trends in the Attack Rates of, Therapy for, and Mortality from Non-ST Elevation Acute Coronary Syndromes in Four

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

- United States Communities. American Journal of Cardiology 2005 (in press)
35. Plantinga LC, Fink NE, Jaar BG, Sadler JH, Coresh J, Klag MJ, Levey AS, Powe NR. Frequency of Sit-down Patient Care Rounds, Attainment of Clinical Performance Targets, Hospitalization, and Mortality in Hemodialysis Patients. Journal of the American Society of Nephrology 2004 15(12):3144-53
 36. Astor BC, Eustace JA, Powe NR, Klag MJ, Fink NE, Coresh J. Type of Vascular Access and Survival Among Incident Hemodialysis Patients: the CHOICE Study. Journal American Society Nephrology_2005; 16:1449-55
 37. Powe NR, Melamed ML. Racial disparities in the optimal delivery of chronic kidney disease care. Medical Clinics of North America. 2005; 89:475-88.
 38. Boulware LE, Liu Y, Fink NE, Coresh J, Ford DE, Klag MJ, Powe NR. The Temporal Relation between Depression Symptoms, Cardiovascular Disease Events and Mortality in ESRD: Contribution of Reverse Causality. Clinical Journal of the American Society of Nephrology 2006; 1:496-504
 39. Boulware LE, Troll MU, Jaar BG, Myers DI, Powe NR. Identification and Referral of Patients with Progressive CKD: A national study. American Journal of Kidney Disease 2006; 48(1):192-204
 40. Zhang L, Kao WH, Berthier-Schaad Y, Liu Y, Plantinga L, Jaar BG, Fink N, Powe NR, Klag MJ, Smith MW, Coresh J. Haplotype of Signal Transducer and Activator of Transcription 3 Gene Predicts Cardiovascular Disease in Dialysis Patients. Journal of the American Society of Nephrology 2006;17(8):2285-92
 41. Melamed ML, Eustace JA, Plantinga L, Jaar BG, Fink NE, Coresh J, Klag MJ, Powe NR. Changes in Serum Calcium, Phosphate, and PTH and the Risk of Death in Incident Dialysis Patients: A longitudinal study. Kidney International 2006; 70(2):351-357
 42. Jaar BG, Plantinga LC, Astor BC, Fink NE, Longenecker C, Tracy RP, Marcovina SM, Powe NR, Coresh J. Novel and Traditional Cardiovascular Risk Factors for Peripheral Arterial Disease in Incident Dialysis Patients. Advances in Chronic Kidney Disease 2007; 14:304-313
 43. Plantinga LC, Fink NE, Levin NW, Jaar BG, Coresh J, Levey AS, Klag MJ, Powe NR. Early, Intermediate and Long-term Risk Factors for Mortality in Incident Dialysis Patients: The Choices for Health Outcomes in Caring for ESRD (CHOICE) Study. Am J Kidney Dis. 2007;49:831-40.

Research Support

NIDDK 4/1/1999-6/30/2010

Patient-Oriented Research in Kidney Disease

Specific aims: Explores the reasons underlying racial/ethnic disparities in chronic kidney disease and its care.

Role: Principal Investigator

NIDDK 9/30/2007-8/30/2012

Information and Financial for Kidney Donation in African Americans

Specific Aims: To assess the effectiveness of informational and financial interventions on live kidney donation

Role: Principal Investigator

NIH Roadmap (NICHD) 9/24/04 to 9/30/09

Multidisciplinary Clinical Research Career Development Program

Specific aims: To train postdoctoral fellows and junior faculty in clinical and translational research

Role: Principal Investigator

NIH Roadmap (NCRR) 9/20/05- to 7/30/10

Program to Train Pre-doctoral Students in Clinical Research

Specific Aims: To train pre-doctoral students in clinical and translational research

Role: Principal Investigator

HRSA 9/01/2006–8/31/2009

Social & Behavioral Interventions to Increase Organ and Tissue Donation

Specific aims: A social worker-led intervention to promote discussion of live kidney donation among family members.

Role: Principal Investigator

AAMC/CDC 10/01/2006-9/30/2008

Establishing a Surveillance System for Chronic Kidney Disease in the U.S.

Specific aims: A project to develop a national surveillance system for chronic kidney disease in the U.S.

Role: Principal Investigator