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	POSITION TITLE
Glenn M. Chertow, MD, MPH	Norman S. Coplon/Satellite Healthcare Professor of Medicine
eRA COMMONS USER NAME gchertow	

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
University of Pennsylvania, Philadelphia, PA	BA	1985	Biol. Basis of Behavior
Harvard Medical School, Boston, MA	MD	1989	Medicine
Harvard School of Public Health, Boston, MA	MPH	1995	Clinical Effectiveness
Brigham and Women's Hospital, Boston, MA	Residency	1992	Internal Medicine
Brigham and Women's Hospital, Boston, MA	Fellowship	1995	Nephrology

A. Personal Statement

Dr. Chertow's research interests are focused on clinical epidemiology, health services research, and clinical trials in acute and chronic kidney disease. In addition to his own research program, he devotes considerable effort in collaborative research and in mentoring junior faculty, fellows and other trainees.

B. Positions and Honors

Positions and Employment

Instructor in Medicine, Brigham and Women's Hospital, Harvard Medical School, 1995-1997
Instructor in Surgery, Brigham and Women's Hospital, Harvard Medical School, 1996-1998
Assistant Professor of Medicine, Brigham and Women's Hospital, Harvard Medical School, 1997-1998
Assistant Professor of Medicine in Residence, University of California San Francisco (UCSF), 1998-2001
Director of Clinical Services, Divisions of Nephrology, Moffitt-Long Hospitals and UCSF-Mt. Zion, 1998-2007
Associate Professor of Medicine in Residence, UCSF, 2001-05
Associate Professor of Epidemiology and Biostatistics, UCSF, 2004-05
Professor (in Residence) of Medicine, Epidemiology and Biostatistics, UCSF, 2005-07
Professor of Medicine, Epidemiology and Biostatistics (Voluntary), UCSF, 2007-
Professor of Medicine & Chief, Division of Nephrology, Stanford University School of Medicine, 2007-

Other Experience and Professional Memberships

Fellow, American Heart Association (2003), American Society of Nephrology (2005), American College of Physicians (2005)
Elected Member, American Society of Clinical Investigation, 2004
Senior Mentor, Network of Minority Research Investigators, NIH-NIDDK, 2008-present
Associate Editor, *Journal of Renal Nutrition*, 2000-09, *JPEN Journal of Enteral and Parenteral Nutrition*, 2000-03, *Journal of the American Society of Nephrology*, 2004-07
Editorial Boards, *American Journal of Kidney Diseases*, 2000-01, *Journal of the American Society of Nephrology*, 2002-04 & 2007-, *Seminars in Nephrology*, 2007-present, *Clinical and Translational Science*, 2008-present, *BMC Nephrology*, 2008-present, Co-Editor, Brenner & Rector's The Kidney, 2008-present
Vice-Chair, NKF K/DOQI Nutrition Work Group, 1998-2000, Bone and Mineral Work Group, 2000-02
Board of Directors, TransPacific Renal Network (ESRD Network #17), 1998-2006
Steering or Executive Committees, NIH-NIDDK, United States Renal Data System 2001-present, Chronic Renal Insufficiency Cohort (CRIC) Study 2001-present, Kidney Clinical Trials Consortium 2003-05, Acute Renal Failure Trial Network 2002-07, Frequent Hemodialysis Network, 2004-present, Systolic Blood Pressure Intervention Trial (SPRINT) 2009-present
Study Section, NIDDK D-subcommittee, 2007-present

Expert Panel, Medicare Payment Advisory Committee (MedPAC), 2007
Scientific Advisory Board, National Kidney Foundation, 2007-09
Steering Committee, National Quality Forum National Quality Consensus Standards for ESRD Care, 2007
Senior Mentor, Network of Minority Research Investigators, NIDDK, 2008-
Associate, Centers for Health Policy and Primary Care and Outcomes Research, Stanford University, 2008-
Associate, Institute for Immunity, Transplantation and Infection, Stanford University School of Medicine, 2009-present
ASN Public Policy Board, 2009-present
Chair, External Expert Panel, Hemodialysis Fistula Maturation Study, NIH-NIDDK, 2009-present

Honors

American Kidney Fund-Amgen Clinical Scientist in Nephrology, 1993-95
Best Doctors in America 1996-present, Best Doctors in Boston 1996-98, Top Doctors in Bay Area, 1999-present
President's Award, National Kidney Foundation, 1999
Floyd C. Rector, Jr. Housestaff Teaching Award (UCSF), 2001
Society of Master Clinicians (UCSF), 2006
National Torchbearer Award, American Kidney Fund, 2007
Mentor of the Year, Bay Area Clinical Research Symposium, 2007
Shaul G. Massry Distinguished Lectureship, National Kidney Foundation, 2011

C. Selected peer-reviewed publications (selected from>300)

1. Chertow GM, Milford EL, Mackenzie HS, Brenner BM. Antigen-independent determinants of cadaveric kidney transplant failure. JAMA 1996; 276:1732-6. PMID: 8940321
2. Chertow GM. Grafts vs. fistulas for hemodialysis patients. Equal access for all? JAMA 1996; 276:1343-4. PMID:8861996
3. Owen Jr. WF, Chertow GM, Lazarus JM, Lowrie EG. Dose of hemodialysis and survival: differences by race and sex. JAMA 1998; 280:1764-8. PMID: 9842952
4. Chertow GM, Lee J, Kuperman GJ, Burdick E, Horsky J, Seger DL, Lee R, Mekala A, Song J, Komaroff AL, Bates DW. Guided medication dosing for inpatients with renal insufficiency. JAMA 2001; 286:2839-44. PMID: 11735759
5. Mehta RL, Pascual MT, Soroko SH, Chertow GM. Diuretic use, mortality and non-recovery of renal function in acute renal failure. JAMA 2002; 288; 2547-53. PMID: 12444861
6. Chertow GM. A 43 year-old woman with chronic renal insufficiency. JAMA 2004; 291:1252-9. PMID: 15010448
7. Chertow GM. Prevention of radiocontrast nephropathy: back to basics. JAMA 2004; 291:2376-7. PMID: 15150210
8. Go AS, Chertow GM, Fan D, McCulloch CE, Hsu CY. Chronic kidney disease and risk of death, cardiovascular events and hospitalization. N Engl J Med 2004; 351:1296-1305. PMID: 15385656
9. Chertow GM, Burdick E, Honour M, Bonventre JV, Bates DW. Acute kidney injury, mortality, length of stay and costs in hospitalized patients. J Am Soc Nephrol 2005; 16:3365-3370. PMID: 16177006
10. Kurella M, Covinsky KE, Collins AJ, Chertow GM. Octogenarians and nonagenarians starting dialysis in the United States. Ann Intern Med 2007; 146:77-83. PMID: 17283348
11. Palevsky PM, Zhang JH, O'Connor TZ, Chertow GM, Crowley ST, Choudury D, Finkel K, Kellum JA, Paganini E, Schein RMH, Smith MW, Swanson KM, Vijayan A, Watnick S, Star RA, Peduzzi P. Intensity of renal support for acute kidney injury in the critically ill. N Engl J Med 2008; 359:7-20. PMID: 18492867
12. Tan JC, Chertow GM. Cautious optimism concerning long-term safety of kidney donation. N Engl J Med 2009; 360:522-523. PMID: 19179321
13. Tamura MK, Covinsky KE, Chertow GM, Yaffe K, Landefeld CS, McCulloch CE. Functional status of nursing home residents pre and post dialysis initiation. N Engl J Med 2009; 361:1539-1547. PMID: 2789552
14. Bibbins-Domingo K, Chertow GM, Coxson PG, Moran AE, Lightwood JM, Pletcher MJ, Goldman L. Projected decline in cardiovascular disease from modest reductions in dietary salt. N Engl J Med 2010; 362:590-599. PMID: 20089957

15. Chertow GM, Levin NW, Beck GJ, Depner TA, Eggers PW, Gassman JJ, Gorodetskaya I, Greene T, James S, Larive B, Lindsay RM, Mehta RL, Miller B, Ornt DB, Rajagopalan S, Rastogi A, Rocco MV, Schiller B, Sergeyeva O, Schulman G, Ting GO, Unruh ML, Star RA, Kliger AS; Frequent Hemodialysis Network Trial Group. In center hemodialysis six times per week versus three times per week. N Engl J Med 2010; 363:2287-2300. PMID: 21091062

D. Research Support

Current

5 U01 DK60902 (Go) 09/30/2001 – 06/30/2013
NIH-NIDDK
Subcontract to Kaiser Foundation Research Institute
SCORE: Study of Care and Outcomes in Renal Insufficiency (NIH CRIC Study)
Goal: To conduct a comprehensive cohort study of chronic renal insufficiency focused on progression and cardiovascular disease.
Role: Co-I

5 U01 DK066481 (Chertow) 9/30/2003-1/31/2012 (NCE)
NIH-NIDDK
FREEDOM – Frequent Dialysis Outcomes & Markers (NIH Frequent Hemodialysis Network)
Goal: To conduct a randomized clinical trial of frequent hemodialysis examining intermediate outcomes including vascular access thrombosis and infection, cardiac structure and function, control of mineral metabolism, cognitive function, and quality of life.
Role: PI

3 U01 DK066581-07S1 (Chertow) 2/01/2009 – 01/31/2012 (NCE)
NIH-NIDDK
Administrative Supplement to Frequent Hemodialysis Network study
Goal: To conduct a follow-up study of subjects randomized to 3x per 6x per week in-center hemodialysis intervention after return to a 3x per week hemodialysis schedule
Role: PI

N01-DK-7-5007 (Johansen) 07/01/2007 – 06/30/2014
NIH-NIDDK
Subcontract to UCSF
United States Renal Data System (USRDS) Nutrition/Malnutrition Special Studies Center
Goal: A contract calling for multiple studies using existing data and one study of prospective data focused on understanding the obesity paradox in dialysis patients.
Role: Site PI

HHSN268200900046C (Cheung) 09/14/2009 – 09/13/2018
NIH-NHLBI/NIDDK
Subcontract to University of Utah
Systolic Blood Pressure Intervention Trial (SPRINT)
Goal: To determine whether maintaining blood pressure levels lower than current recommendations further reduces the risk of cardiovascular and kidney diseases, or age related cognitive illness.
Role: Site PI

HC-09-05 (Cheung) 09/14/2009 – 09/13/2018
NIH-NINDS/NIA
Subcontract to University of Utah
Systolic Blood Pressure Intervention Trial –Memory and Cognition in Decreased Hytertension Substudy (SPRINT-MIND)

Goal: A substudy of SPRINT that focuses on the impact of lowering systolic blood pressure to reduce cognitive impairment, an important early indication of dementia.
Role: Site PI

HHSN2682009000046C (Cheung) 9/24/10 – 9/13/2018
NIH/NIDDK
Subcontract to University of Utah
SPRINT- SENIOR
Goal: To determine whether maintaining blood pressure levels lower than current recommendations further reduces the risk of cardiovascular and kidney diseases, or age related cognitive illness.
Role: Site PI

RC1 DK087298 (Chertow) 09/30/2009 – 09/29/2011
NIH/NIDDK
Conservative versus Dialytic Management in Stage V Chronic Kidney Disease
Goal: This pilot clinical trial aims to determine the feasibility, safety and efficacy of two alternative strategies – one in which patients with advanced CKD begin dialysis, and another in which a series of conservative measures are instituted and dialysis is deferred until there is further loss of kidney function.
Role: PI

K24 DK085446 (Chertow) 06/01/2010 – 05/31/2015
NIH/NIDDK
Mentoring Patient-Oriented Clinical Investigators in Nephrology
Goal: To mentor new clinical investigators in the conduct of patient-oriented research.
Role: PI

R01 DK076165 (Lo) 08/01/2010 – 07/31/2013
NIH/NIDDK
Endocrinopathy and Daily Dialysis
Goal: To determine the effects of frequent hemodialysis on abnormal hormonal function
Role: Co-I

<u>Completed</u>

R01 DK70939 (Hsu) 03/01/2006 – 02/28/2011
NIH-NIDDK
Subcontract to UCSF
"CRIC-Plus": Study of Advanced Chronic Renal Insufficiency
Goal: To investigate the health impact of advanced chronic renal insufficiency, including transition to end-stage renal disease (an ancillary study to CRIC)
Role: Co-I

U01 DK-01-005 (Go) 9/30/2001 – 6/30/2008
NIH-NIDDK
SCORE: Study of Care and Outcomes in Renal Insufficiency (NIH CRIC Study)
Goal: To conduct a comprehensive cohort study of chronic renal insufficiency focused on progression and cardiovascular disease
Role: Co-I

R33 DK067645 (Chertow) 9/30/2004 – 2/29/2008
NIH-NIDDK
Hospital and Community-acquired Acute Renal Failure
Goal: To perform an evaluation of hospital-based administrative databases exploring definitions and outcomes of acute renal failure
Role: PI