

**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 Ashwini Sehgal, MD	POSITION TITLE Professor		
eRA COMMONS USER NAME ASEHGAL			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Rochester	BA	1982	Mathematics
Harvard Medical School	MD	1986	Medicine
Massachusetts General Hospital	--	1989	Internal Medicine
University of California, San Francisco	--	1993	Nephrology

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

**A. Positions and Honors.**

- 1989-1993 Robert Wood Johnson Clinical Scholar, University of California, San Francisco, California  
 1993-2006 Assistant/Associate Professor of Medicine, Biomedical Ethics, and Epidemiology & Biostatistics, Case Western Reserve University, Cleveland, Ohio  
 2000 National Golden Apple for Teaching Excellence Award, American Medical Student Association, Washington, DC  
 2004-2006 Duncan Neuhauser Associate Professor of Community Health Improvement, Case Western Reserve University  
 2004- Director, Center for Reducing Health Disparities, Case Western Reserve University  
 2006- Co-Medical Director, City of Cleveland Department of Public Health  
 2006- Duncan Neuhauser Professor of Community Health Improvement; Professor of Medicine, Biomedical Ethics, and Epidemiology & Biostatistics, Case Western Reserve University  
 2006- Associate Editor for Hypertension and Kidney Disease, Annals of Internal Medicine

**Other Relevant Professional Activities.**

- 1997-2003 Institutional Review Board, MetroHealth Medical Center.  
 1999- Editorial Board, Journal of Renal Nutrition.  
 2000-2005 Medical Advisory Board, Minority Organ Tissue Transplant Education Program (MOTTEP)  
 2001- Data and Safety Monitoring Board, Clinical Trial of Homocysteine Lowering in Renal Transplant Recipients, National Institutes of Health, Bethesda, Maryland.  
 2003 Re-engineering the Clinical Research Enterprise Panel, National Institutes of Health.  
 2003-2004 Clinical Studies of Kidney Diseases Special Emphasis Panel, National Institutes of Health.  
 2004-2005 Protocol Review Committee, General Clinical Research Center, Case Western Reserve University  
 2005- Vice-Chairperson, Medical Review Board, Tri-State Renal Network.

**B. Selected peer-reviewed publications (in chronological order).**

- Sehgal A, Galbraith A, Chesney M, Schoenfeld P, Charles G, Lo B. How strictly do dialysis patients want their advance directives followed? *Journal of the American Medical Association.* 1992;267:59-63.
- Sehgal A, Weisheit C, Miura Y, Butzlaff M, Kielstein R, Taguchi Y. Advance directives and withdrawal of dialysis in the United States, Germany, and Japan. *Journal of the American Medical Association.* 1996;276:1652-1656.
- Sehgal A, LeBeau S, Youngner S. Dialysis patient attitudes toward financial incentives for kidney donation. *American Journal of Kidney Diseases.* 1997;29:410-418.

4. Sehgal A, Grey S, DeOreo P, Whitehouse P. Prevalence, recognition, and implications of mental impairment among hemodialysis patients. *American Journal of Kidney Diseases*. 1997;30:41-49.
5. Sehgal A, O'Rourke S, Snyder C. Patient assessments of adequacy of dialysis and protein nutrition. *American Journal of Kidney Diseases*. 1997;30:514-520.
6. Sehgal A, Snow R, Singer M, Amini S, DeOreo P, Silver M, Cebul R. Barriers to adequate delivery of hemodialysis. *American Journal of Kidney Diseases*. 1998;31:593-601.
7. Alexander G, Sehgal A. Dialysis patient ratings of the quality of medical care. *American Journal of Kidney Diseases*. 1998;32:284-289.
8. Alexander G, Sehgal A. Barriers to cadaveric renal transplantation among blacks, women, and the poor. *Journal of the American Medical Association*. 1998;280:1148-1152.
9. Sehgal A, Leon J, Soinski J. Barriers to adequate protein nutrition among hemodialysis patients. *Journal of Renal Nutrition*. 1998;8:179-187.
10. Ohri-Vachaspati P, Sehgal A. Quality of life implications of inadequate protein nutrition among hemodialysis patients. *Journal of Renal Nutrition*. 1999;9:9-13.
11. Covinsky KE, Martin G, Beyth RJ, Justice AC, Sehgal AR, Landefeld CS. The relationship between clinical assessments of nutritional status and adverse outcomes in older hospitalized medical patients. *Journal of the American Geriatrics Society*. 1999;47:532-538.
12. Ohri-Vachaspati P, Sehgal AR. Correlates of poor appetite among hemodialysis patients. *Journal of Renal Nutrition*. 1999; 9:182-185.
13. Schelling JR, Zarif L, Sehgal A, Iyengar S, Sedor JR. Genetic susceptibility to end-stage renal disease. *Current Opinion in Nephrology and Hypertension*. 1999;8:465-472.
14. Sehgal AR. Outcomes of renal replacement therapy among blacks and women. *American Journal of Kidney Diseases*. 2000;35:S148-S152.
15. Gordon EJ, Sehgal AR. Patient-nephrologist discussions about kidney transplantation as a treatment option. *Advances in Renal Replacement Therapy*. 2000;7:177-183.
16. Rahman M, Fu P, Sehgal AR, Smith MC. Interdialytic weight gain, compliance with dialysis regimen and age are independent predictors of blood pressure in hemodialysis patients. *American Journal of Kidney Diseases*. 2000;35:257-265.
17. Sehgal AR, Silver MR, Covinsky KE, Coffin R, Cain JA. Use of standardized ratios to examine variability in hemodialysis vascular access across facilities. *American Journal of Kidney Diseases*. 2000;35:275-281.
18. Wenger NS, Lynn J, Oye R, Liu H, Teno JM, Phillips RS, Desbiens N, Sehgal A, Kussin P, Taub H, Harrell F, Knaus W. Withholding versus withdrawing life-sustaining treatment: patient factors and documentation associated with dialysis decisions. *Journal of the American Geriatrics Society*. 2000;48:S75-S83.
19. Sehgal AR, Coffin R, Cain JA. Use of transplant status codes to monitor access to kidney transplantation. *Advances in Renal Replacement Therapy*. 2000;7:S40-S44.
20. Landers SH, Sehgal AR. How do physicians lobby their members of Congress? *Archives of Internal Medicine*. 2000;160:3248-3251.
21. Zarif L, Covic A, Iyengar S, Sehgal AR, Sedor JR, Schelling JR. Inaccuracy of clinical phenotyping parameters for hypertensive nephrosclerosis. *Nephrology, Dialysis, and Transplantation*. 2000;15:1801-1807.
22. Alexander CA, Sehgal AR. Why hemodialysis patients fail to complete the transplant process. *American Journal of Kidney Diseases*. 2001;37:321-328.
23. Leon JB, Majerle AD, Soinski JA, Kushner I, Ohri-Vachaspati P, Sehgal AR. Can a nutrition intervention improve albumin levels among hemodialysis patients? A pilot study. *Journal of Renal Nutrition*. 2001;11:9-15.
24. Covic AMC, Iyengar SK, Olson J, Sehgal AR, Jedrey C, Kara M, Sabbagh E, Sedor JR, Schelling JR. A family-based strategy to identify genes for diabetic nephropathy. *American Journal of Kidney Diseases*. 2001;37:638-647.
25. Sehgal AR, Dor A, Tsai AC. Morbidity and cost implications of inadequate hemodialysis. *American Journal of Kidney Diseases*. 2001;37:1223-1231.
26. Leon JB, Sehgal AR. Identifying patients at risk for hemodialysis underprescription. *American Journal of Nephrology*. 2001;21:200-207.

27. Covinsky KE, Eng C, Lui LY, Sands LP, Sehgal AR, Walter LC, Wieland D, Eleazer GP, Yaffe K. Reduced employment in caregivers of frail elders: Impact of ethnicity, patient clinical characteristics, and caregiver characteristics. *Journal of Gerontology*. 2001;56:M707-M713.
28. Kushner I, Sehgal AR. Is high sensitivity C-reactive protein an effective screening test for cardiovascular disease? *Archives of Internal Medicine*. 2002;162:867-869.
29. Covinsky KE, Covinsky MH, Palmer RM, Sehgal AR. Serum albumin concentration and clinical assessments of nutritional status in hospitalized older people: Different sides of different coins? *Journal of the American Geriatrics Society*. 2002;50:631-637.
30. Sehgal AR. Improving hemodialysis patient outcomes: A step-by-step approach. *Seminars in Dialysis*. 2002;15:35-37.
31. Sehgal AR. What is the best treatment for end stage renal disease? *American Journal of Medicine*. 2002;112:735-736.
32. Alexander GC, Sehgal AR. Variation in access to kidney transplantation across dialysis facilities: Using process of care measures for quality improvement. *American Journal of Kidney Diseases*. 2002;40:824-831.
33. Tsai AC, Lurie P, Sehgal AR. An outbreak of Internet ciprofloxacin sales following an outbreak of anthrax. *American Journal of Medicine*. 2002;113:424-427.
34. O'Connor A, Leon JB, Sehgal AR. The relative predictive ability of four different measures of hemodialysis dose. *American Journal of Kidney Diseases*. 2002;40:1289-1294.
35. Sehgal AR, Leon JB, Siminoff LA, Singer ME, Bunosky LM, Cebul RD. Improving the quality of hemodialysis treatment: A community-based randomized controlled trial to overcome patient-specific barriers. *Journal of the American Medical Association*. 2002;287:1961-1967.
36. Goyal M, Mehta RL, Schneiderman LJ, Sehgal AR. Economic and health consequences of selling a kidney in India. *Journal of the American Medical Association*. 2002;288:1589-1593.
37. Sehgal AR. Impact of quality improvement efforts on race and gender disparities in hemodialysis patients. *Journal of the American Medical Association*. 2003;289:996-1000.
38. Flauto R, Leon JB, Sehgal AR. The provision and outcomes of diabetic care of hemodialysis patients. *American Journal of Kidney Diseases*. 2003;41:125-131.
39. Zimmerer JL, Leon JB, Covinsky KE, Desai U, Sehgal AR. Diet monotony as a correlate of poor nutritional intake among hemodialysis patients. *Journal of Renal Nutrition*. 2003;13:72-77.
40. Gordon EJ, Leon JB, Sehgal AR. Why are hemodialysis treatments shortened and skipped? Development of a taxonomy and relationship to patient subgroups. *Nephrology Nursing Journal*. 2003;30:209-217.
41. Sehgal AR. The incremental cost of providing adequate hemodialysis. *Dialysis and Transplantation*. 2003;32:526-534.
42. O'Connor A, Flauto R, Sehgal AR. Improving the accuracy of Kt/V measurement. *Dialysis and Transplantation*. 2003;32:590-595.
43. Perumal S, Sehgal AR. Job satisfaction and patient care practices of hemodialysis nurses and technicians. *Nephrology Nursing Journal*. 2003;30:523-528.
44. Landers S, Sehgal AR. Health care lobbying in the United States. *American Journal of Medicine*. 2004;116:474-477.
45. Sehgal AR. Improving the health outcomes of diabetic dialysis patients. *Seminars in Dialysis*. 2004;17:188-190.
46. Sehgal AR. Overlap between whites and blacks in response to antihypertensive drugs. *Hypertension*. 2004;43:566-572.
47. Sehgal AR. The net transfer of transplant organs across race, sex, age, and income. *American Journal of Medicine*. 2004;117:670-675.
48. Harkness LS, Fiedler K, Sehgal AR, Oravec D, Lerner E. Decreased bone resorption with soy isoflavone supplementation in postmenopausal women. *Journal of Women's Health*. 2004;13:1004-1011.
49. Steiber AL, Kalantar-Zadeh K, Secker D, McCarthy M, Sehgal AR, McCann L. Subjective Global Assessment in chronic kidney disease: a review. *Journal of Renal Nutrition*. 2004;14:220-225.
50. Agarwal JR, Huebner J, Hedgecock J, Sehgal AR, Jung P, Simon SR. Medical students' knowledge of the U.S. health care system and their preferences for curricular change. *Academic Medicine*. 2005;80:484-488.

51. Gordon EJ, Prohaska T, Siminoff LA, Minich PJ, Sehgal AR. Needed: tailored exercise regimens for kidney transplant recipients. *American Journal of Kidney Diseases*. 2005;45:769-774.
52. Gordon EJ, Prohaska T, Siminoff LA, Minich PJ, Sehgal AR. Can focusing on self-care reduce disparities in kidney transplant outcomes? *American Journal of Kidney Diseases*. 2005;45:935-940.
53. Constantiner M, Sehgal AR, Humbert L, Constantiner D, Arce L, Sedor JR, Schelling JR. A dipstick protein and specific gravity algorithm accurately predicts pathologic p roteinuria. *American Journal of Kidney Diseases*. 2005;45:833-841.
54. Ohlrich H, Leon JB, Zimmerer J, Sehgal AR. The impact of Super Bowl parties on nutritional parameters among hemodialysis patients. *Journal of Renal Nutrition*. 2006;16:63-66.
55. Soudan K, Ricanati ES, Leon JB, Sehgal AR. Determinants of metabolic acidosis among hemodialysis patients. *Hemodialysis International*. 2006;10:209-214.
56. Leon JB, Albert JM, Gilchrist G, Kushner I, Lerner E, Mach S, Majerle A, Porter D, Ricanati E, Sperry L, Sullivan C, Zimmerer J, Sehgal AR. Improving albumin levels among hemodialysis patients: a community-based randomized controlled trial. *American Journal of Kidney Diseases*. 2006;48:28-26.
57. Huebner J, Agarwal JR, Sehgal AR, Jung P, Hedgecock J, Simon SR. Universal health care and reform of the health care system: views of medical students in the United States. *Academic Medicine*. In press.
58. Sullivan C, Leon JB, Sehgal AR. Job satisfaction among renal dietitians. *Journal of Renal Nutrition*. In press.

### **C. Research Support.**

- 2002-2006 National Institutes of Health (NIDDK). DK51472. Overcoming Nutritional Barriers in Hemodialysis Patients. Principal Investigator. Community based randomized controlled trial to overcome nutritional barriers.
- 2001-2008 National Institutes of Health (NIDDK). DK61021. Cohort Study of Chronic Renal Insufficiency. Co-Investigator (PI- J. Wright). Prospective study to determine risk factors for progression of renal insufficiency and development of cardiovascular disease.
- 2000-2005 National Institutes of Health (NIAID). AI05410. Immunologic Monitoring of Renal Allograft Recipients. Co-investigator (PI- P. Heeger) Identify novel markers of transplant rejection.
- 2000-2003 National Institutes of Health (NIDDK). DK58982. Vascular Access Clinical Trials Data Coordinating Center. Co-investigator (PI- G. Beck). Series of clinical trials to enhance vascular access longevity.
- 1999-2003 National Institutes of Health (NIDDK). DK57329. Genetic Regulation of Renal Disease Progression. Co-investigator (PI- J. Sedor). Identify genetic factors in progression of diabetic nephropathy.
- 1998-2003 National Institutes of Health (NIDDK). DK51478. Case Western Reserve University O'Brien Renal Research Center. Co-investigator (PI- J. Sedor). Determine role of environmental factors in development of renal failure.
- 1998-2003 National Institutes of Health (NIDDK). DK64644. Genetic Susceptibility to End Stage Renal Disease. Co-investigator (PI- S. Iyengar). Determine role of genetic factors in development of renal failure.
- 1998-2001 National Institutes of Health (NIDDK). R01 DK51472. Overcoming Barriers to Adequate Delivery of Dialysis Principal Investigator. Community based randomized controlled trial of a tailored intervention to overcome patient-specific barriers.
- 1996-1998 National Institutes of Health (NIDDK) R01 DK51472-01. Barriers to Effective Care of Dialysis Patients. Principal Investigator. Determine barriers to adequate hemodialysis and protein nutrition.