



# **Annual Report Section of Nephrology**

Academic Year 2018

# Annual Report

## Section of Nephrology

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The academic year 2018 has been an exciting one for the Section of Nephrology. Our world-class faculty have made outstanding contributions in research and scholarship, education, and clinical care. They have participated in numerous national and international activities and organizations. And our outpatient practice has moved to our brand-new state-of-the-art facility at the McNair Campus on 7200 Cambridge.

This report lists some of the more tangible products delivered and awards and recognitions received during the 12-month period ending in June 2018. In addition, we have continued to provide top quality specialized kidney health care to our patients at our clinical sites within the Texas Medical Center and beyond. Our faculty group practice continues to excel in patient satisfaction and productivity.

Please enjoy and thank you for your interest.



Wolfgang C. Winkelmayr, MD, MPH, ScD

Chief, Section of Nephrology  
Gordon A. Cain Chair in Nephrology

# Publications

## Journal Articles

**Adrogué HJ**, Madias NE. Sodium-chloride difference as a simple parameter for acid-base status assessment. *Am J Kidney Dis* 2017; 69:708.

**Adrogué HJ**, Madias NE. Nonosmotic Na<sup>+</sup>-storage and the Edelman equation. *Kidney Int.* 2017; 92:514.

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\*contributed equally

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**Walther CP, Winkelmayer WC, Deswal A, Niu J, Navaneethan SD.** Trends in Left Ventricular Assist Device Implantation and Associated Mortality Among Patients With and Without ESRD. *Am J Kidney Dis* 2018 May 18. doi: 10.1053/j.ajkd.2018.03.020. [Epub ahead of print].

**Walther CP, Chandra A, Navaneethan SD.** Blood pressure parameters and morbid and mortal outcomes in nondialysis-dependent chronic kidney disease. *Curr Opin Nephrol Hypertens* 2018; 27:16-22.

**Walther CP, Whaley-Connell A, Navaneethan SD.** Emerging therapeutic options for managing diabetic kidney disease. *Curr Opin Nephrol Hypertens* 2017; 26:335-337.

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# Publications

## Books and book chapters

Knights S and **Raghavan R**. HIV Associated Kidney Disease; in Update on the Care of HIV Positive Patients (2017). Editor: Wayne Shandera. ISBN: 978-1-53613-065-2

Madias NE and **Adrogué HJ**. Respiratory acid-base disorders. Chapter in Seldin and Giebisch's *The Kidney: Physiology and Pathophysiology*, 6<sup>th</sup> Edition, edited by Alpern R, Caplan M, Moe O, Quaggin S. Elsevier/Academic Press

Handbook of Nutrition and the Kidney 7<sup>th</sup> Edition, T. A. Ikizler and **W. E. Mitch**, Editors, Wolters Kluwer, Philadelphia, 2018

**Perez JJ** and **Mitch WE**. Requirements for protein, calories and fat in the predialysis patient. Handbook of Nutrition and the Kidney, 7<sup>th</sup> Edition, T. Alp Ikizler and William E. Mitch, Editors, Wolters Kluwer, Philadelphia, 2018, pp 77-90.

**Qureshi SJ**, Awan AA, **Adrogué HJ**. Hyponatremia. In: Fadem S (ed.) *Essentials of Chronic Kidney Disease*. Second Edition. Nova Science, 2018.

**Yan J** and **Mitch WE**. Nutritional therapy for patients with chronic kidney diseases, Essentials of chronic kidney disease, 2nd Edition, S. Z. Fadem, Editor, NOVA Science Publishers, Hauppauge, New York, 2018

## **Awards and Honors**

**Section FGP Faculty and Staff:** “That’s The Way 10k Award” Nephrology section award for most improvement in patient satisfaction (July 2017 to June 2018)

**Section FGP Faculty and Staff:** Highest Ranking in Patient Experience - All-Star Winner for FY18 Quarter 3

**Adroque:** Senior Faculty Teaching Award, Section of Nephrology, Baylor College of Medicine, June 2018

**Murthy:** “Unsung Hero” Fellowship Award, Section of Nephrology, Baylor College of Medicine, June 2018

**Perez:** Invited Delegate, KDIGO Controversies Conference on Dialysis Initiation, Madrid, Spain, January 2018

**Raghavan:** PEEPSS - Inaugural member, Team Leader, BCM Center for Professionalism (February to September 2018)

**Saridey:** Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine, May 2018

**Saridey:** Star Award for Excellence in Patient Care, Baylor College of Medicine, May 2018

**Thomas:** Best Research Poster Award, American College of Cardiology, 2018.

**Yan:** Junior Faculty Teaching Award, Section of Nephrology, Baylor College of Medicine, June 2018.

## **Professional Organization/Association Offices Held**

**Erickson:** Member, Quality, Patient Safety, and Clinical Practice Committee, American Society of Nephrology, Washington, D.C.

**Erickson:** Member, PTAC Joint Working Group, American Society of Nephrology, Washington, D.C.

**Winkelmayer:** Member, Quality, Patient Safety, and Clinical Practice Committee, American Society of Nephrology, Washington, D.C.

**Winkelmayer:** Co-Chair, Kidney Disease: Improving Global Outcomes (KDIGO), Brussels, Belgium.

**Winkelmayer:** Member, Advisory Board, Chronic Kidney Disease Surveillance System, Center for Disease Control, Atlanta, GA.

**Winkelmayer:** Member, External Expert Panel, United States Renal Data System, National Institutes of Diabetes and Digestive and Kidney Diseases, Bethesda, MD.

**Zhang:** American Diabetes Association: Member, Research Grant Review Committee, Arlington, VA.

## **Editorial Board Memberships and Editorial Positions**

**Erickson:** Editorial Board, *American Journal of Kidney Diseases*

**Erickson:** Public Policy Forum Steering Committee, *American Journal of Kidney Diseases*

**Erickson:** Guest Editor, Special Issue on Health Policy, *Seminars in Dialysis*

**Mitch:** Editorial Board, *Kidney International*

**Mitch:** International Advisory Board, *Clinical and Experimental Nephrology*

**Mitch:** Editorial Board, *Journal of the American Society of Nephrology*

**Navaneethan:** Associate Editor, *American Journal of Kidney Diseases*

**Navaneethan:** Associate Editor, *NephSAP* (Nephrology - Self Assessment Program)

**Navaneethan:** Associate Editor, *CardioRenal Medicine*

**Navaneethan:** Editorial Board, *Clinical Journal of American Society of Nephrology*

**Navaneethan:** Editorial Board, *American Journal of Nephrology*

**Pan:** Editorial Board, *American Journal of Physiology-Renal Physiology*

**Sheikh-Hamad:** Editorial Board, *American Journal of Physiology-Renal Physiology*

**Wang:** Editorial Board, *Scientific Reports*

**Wang:** Editorial Board, *Journal of Nephrology and Therapeutics*

**Wang:** Editorial Board, *Science Postprint*

**Wang:** Editorial Board, *International Journal of Transplantation Research and Medicine*

**Wang:** Editorial Board, *Journal of Nephrology Research*

**Winkelmayer:** Associate Editor, *Journal of the American Medical Association*

**Winkelmayer:** Editorial Board, *American Journal of Kidney Diseases*

**Winkelmayer:** Public Policy Forum Steering Committee, *American Journal of Kidney Diseases*

**Winkelmayer:** Editorial Board, *American Journal of Nephrology*

**Winkelmayer:** Editorial Board, *Clinical Journal of American Society of Nephrology*

**Winkelmayer:** Editorial Board, *Seminars in Dialysis*

**Winkelmayer:** Guest Editor, Special Issue on Health Policy, *Seminars in Dialysis*

**Winkelmayer:** Editorial Board, *Clinical Journal of American Society of Nephrology*

**Zhang:** Editorial Board, *Austin Diabetes Research*

**Zhang:** Editorial Board, *Journal of Nephrology & Therapeutics*

## Grants

**Cheng (PI):** Chronic kidney disease adversely influences vascular functions. NIH/NIDDK; R01 DK095867; 3/15/2013-1/31/2019.

**Cheng (PI):** Epigenetic alterations of GSTA4 regulate CKD-induced vascular remodeling American Heart Association; 7/1/2015-6/30/2018.

**Erickson (PI):** The Effect of Provider Market Competition of Health Outcomes in Dialysis. NIH/NIDDK, K23 DK101693; 4/1/2014-1/31/2019.

**Erickson (PI):** Dialysis Facility Closures and their Effect on Costs, Health Outcomes, and Access to Care. Carl W. Gottschalk Research Scholar Grant, American Society of Nephrology; 7/1/2017-6/30/2019.

**Erickson (PI):** Nephrology Care and Employment after Starting Dialysis. National Kidney Foundation Research Grant Program - Southeast Texas Research Grant, National Kidney Foundation; 7/1/2017-6/30/2019.

**Erickson (Co-I; PI: Kanwal, BCM):** Real-world Effectiveness and Impact of Elbasivir/Grazoprevir on Outcomes among HIV-Infected Patients. Merck & Co., Inc.; 9/1/2016-12/31/2017.

**Erickson (PI):** Junior Faculty Seed Funding Award; Baylor College of Medicine; 6/15/2018-6/30-2019.

**Hu (PI):** Mechanisms of Protein-Energy-Wasting in Chronic Kidney Disease. NIH/NIAMS, R01 DK063868; 7/1/2013-4/30/2019.

**Klotman (PI):** Long-term Consequences of HIV in the Kidney. NIH/NIDDK, P01 DK056402; 9/15/1999-4/30/2022.

**Mandayam (PI):** Effect of Oral Ferric Citrate on ESA use in ESRD patients on Hemodialysis with high ferritin and low transferrin saturation. A pilot pragmatic clinic trial. Keryx Biopharmaceuticals. 8/1/2017-7/31/2019.

**Mitch (PI):** Protein nutrition in experimental uremia. NIH/NIDDK, R01/R37 DK037175; 9/1/1987-3/31/2022.

**Navaneethan (PI):** Visceral adiposity and physical function in CKD. NIH/NIDDK R01 DK101500; 9/22/2015- 7/31/2019.

**Navaneethan (PI):** Prevalence, management and outcomes of iron deficiency anemia in CKD. Keryx Biopharmaceuticals; 1/12/2018- 12/31/2019.

**Pan (PI):** Stanniocalcin-1, Kidney Protection by AMPK. VA/CDA, IK2 BX002912; 1/1/2017-12/31/2021.

**Raghavan (PI):** Difficult Conversations in Nephrology: Communications Workshop; BCM Education Grant; 7/2017-6/2018.

**Sheikh-Hamad (PI):** Stanniocalcin-1, New Paradigms for Cytoprotection and Antiinflammation. VA/Merit, I01 BX002006; 4/1/2014-3/31/2018.

**Thomas (PI):** Chronic Kidney Disease and Impaired Actions of Insulin. VA/CDA, IK2 BX002492; 4/1/2015-3/31/2020.

**Wang (PI):** Cellular and Molecular Mechanisms of Renal Fibrosis. NIH/NIDDK, R01 DK095835; 9/3/2012-4/30/2022.

**Wang (PI):** Novel Mechanisms of Hypertensive Kidney Injury and Fibrosis. VA/Merit, I01 BX002650; 10/1/2015-9/30/2019.

**Winkelmayer (PI):** The Atrial Fibrillation - Factor Identification to Risk Modification Study in HD (AFFIRM-HD). NIH/NIDDK, R01 DK095024; 8/1/2012-5/31/2019.

**Winkelmayer (Co-I and Site-PI):** Pragmatic Trials in Hemodialysis. NIH/NIDDK; UH2/UH3 DK102384; 9/30/2012-8/31/2018.

**Winkelmayer (Co-I and Site-PI):** Establishing Core Outcomes in Haemodialysis. NHMRC (National Health and Medical Research Council of Australia); APP1098815; 1/1/2016-12/31/2018.

**Zhang (Co-PI):** Protein nutrition in experimental uremia. NIH/NIDDK, R01/R37 DK037175; 9/1/1987-3/31/2022.