

MONY FRAER MD, MHCDS, CPE, FACP, FASN, AHSCP

I. EDUCATION

1986-1992	Medical School	“Grigore T Popa” School of Medicine, Romania
1992-1993	Clinical Internship	Suceava County Hospital, Romania
1993-1997	Internal Medicine Residency	“Carol Davila” School of Medicine, Romania
1999-2000	Pathology Internship	University of Missouri in Kansas City
2000-2003	Internal Medicine Residency	University of Kentucky, Lexington
2003-2005	Nephrology Fellowship	University of Kentucky, Lexington
2013-2015	Master of Science in Health Care Delivery	Tuck School of Business, Dartmouth College, Hanover, NH
2024-2026	Veterans Affairs Quality Scholars	Iowa City and Baylor University VA

II. PROFESSIONAL DEVELOPMENT

2006-2007	Teaching Scholars , UAMS – developing advanced teaching skills
2012	Service and Operational Excellence , Disney Institute
2017	Lean Improvement Model for Health Care – 2 day course with Operations Excellence, University of Iowa
2016	University of Iowa Medical Directors meetings (monthly)
2018	Leadership Workshop – Renal Physician Association and American Association for Physician Leadership
2018	Coding and Billing Workshop – Renal Physician Association, Annual Meeting
2021	Provider Communication Program – 6 hours, learn strategies to enhance communication with patients
2021	American Medical Informatics Association, 10x10 course
2024	Veteran Affairs Quality Scholars Summer Institute

III. CERTIFICATIONS

1992	MD Diploma
1997	ECFMG Certificate
2003	Diplomate, ABIM, Internal Medicine – valid until 2025
2005	Diplomate, ABIM, Nephrology – valid until 2026
2009	Iowa License
2023	BCLS Certification
2017	Certified Hypertension Specialist, AHSCP – valid until 2027
2019	Certified Physician Executive - American Association for Physician Leadership

IV. APPOINTMENTS

2005-2009	Assistant Professor	University of Arkansas for Medical Sciences, Little Rock
2009-Now	Clinical Professor (since 2018)	University of Iowa Hospitals & Clinics, Iowa City
2005-2009	Consultant	Central Arkansas Veterans Healthcare System
2009-Now	Consultant	Central Iowa Veterans Affairs Medical Center, Iowa City
2009-2024	Consultant	Mercy One Hospital, Iowa City
2021-2023	Consultant	Encompass, Iowa Rehab Hospital, Iowa City

V. LEADERSHIP

2012-2015	Officer, Quality and Safety , Dept. of Medicine, University of Iowa
2010-2014	Director UIHC Home Dialysis Program
2015-Now	Director UIHC Dialysis Program (45 year old program, 200 patients, 7dialysis units; 30 K treatments/year)
2015-2017	The Signal Center for Health innovation (E-health, Enovation and UI-eCare)

VI. TEACHING

Administration of Educational Programs

2008-2009	Course Director , Internal Medicine Ambulatory Elective
2017-Now	Course Director , “Concepts in Population Health”, for the Healthcare Delivery and Management Distinction Track, Carver College of Medicine
2017-2019	Program to provide business and leadership education and training services to clinicians - Office of Healthcare Leadership Education

National Presentations (for Regional Presentations see list on page 3)

July 2014	“AIM@Diabetes, Hypothesis and Next Steps”, Tuck School of Business, Hanover, NH
Feb 2015	“AIM@Diabetes, Key Findings and Future Directions”, Tuck School of Business, Hanover, NH
Oct 2016	“Value from a Patient’s Perspective”, National Renal Administrators Annual Conference, San Diego, CA

- Oct 2017** “What Makes for a Great Team?”, National Renal Administrators Association Annual Conference, Austin TX
May 2019 “Using Health IT to Improve Care Transitions and Communications”. Becker's Hospital Review 2nd Annual Health IT + Clinical Leadership Conference, Chicago, IL

VII. SCHOLARSHIP (For papers, book chapters, editorials, abstracts, workshops, see list on pages 3-7)

Reviewer

- 2019-2021** Renal **course editor**, American Physician Institute for Advanced Professional Studies
2004-2013 **Doody's Book Reviews** a subscription based review service – reviewed 31 textbooks (list on pages 6-7)
2007-2013 **Peer Reviewer** DynaMed Clinical Reference Tool Database for use at the 'point-of-care'
2007-Now **Editorial board member** (see list on page 6)
2009-2015 **Associate Faculty Member**, Faculty of 1000, Dialysis and renal Transplantation section
2011-2012 **Literature Reviewer** for Medscape Clinical Reference
2011-2017 **Topic Editor**, 5-Minute Clinical Consult

VIII. SERVICE

Professional Organizations (for institutional committees see list on pages 7-8)

- 2007-2008** **Arkansas Foundation for Medical Care**, Health Information Exchange Clinical Workgroup
2007-2009 **Treasurer** and Board Member for the **Arkansas Chapter of ACP**
2007-2009 Program Planning Committees for the Annual meeting of **Arkansas chapter of ACP**
2009-2013 **ACP Iowa Chapter Council of Young Physicians**
2009-2015 Associate Faculty Member “**Faculty of 1000**”
2009-2013 **ACP Iowa Scientific Chapter** (ACP meeting planning)
2011 Program Planning for the 2012 annual meeting of **Iowa chapter of ACP**
2013-2019 Elected **Member Medical Advisory Board, End-Stage Renal Disease Network Region #12**
2015-2019 **National Renal Administrator Association** Physician Relations and Program Committees
2017-2021 At-large **director, Iowa Medical Society** Board -organizing committee for the annual conference and task force for developing the Physician Business Leadership Certificate Program
2019-2020 **Item-writing Task Force** in Nephrology, American Board of Internal Medicine
2021-Now **Organ Procurement and Transplantation Network**, Region 8 Operations and Safety committee

IX. Clinical Programs

- 2007** Developed an EMR **order set for kidney donor evaluation** as well as the living kidney donor package
2008 Started a **Hypertension Clinic**
2008 Started a **kidney donor advocate program**
2012 Marketing campaign for World Kidney Day 2012 to raise awareness on kidney disease
2015 Organized a **Peritoneal Dialysis University** in Iowa City (a 1day meeting with outside expert speakers)
2016 Organizing Committee for the International Conference on Internal Medicine, San Francisco
2018 Organizer, **Peritoneal Dialysis University** in Iowa City (a 1day meeting with outside expert speakers)
2018 Organizer, Iowa Council of Nephrology Nurses & Technicians Spring Meeting, Iowa City, IA
2018 University of Iowa **Continuous Renal Replacement Therapy Symposium**: 2 days course & simulations
2019 Guideline development, Crisis Standards of Care (Renal Therapy), state of Iowa, Dept. of Public Health
2020 Setting up a **CRRT program** at Mercy hospital and dialysis program at Encompass Acute Rehab.

X. Honors, Awards

- 2002** **Service Award**, Veterans Affairs Hospital Lexington, KY
2008 **Best Doctors** in Arkansas
2015 University of Iowa Practice group - **Excellence in Quality Award**

XI. Industry Programs

- 2020-2024** Expert panel, Primary Hyperoxaluria, Magnolia Innovation
2022 Kezar Life Sciences Zetomipzomib (KZR-616) Scientific Advisory Board
2024-Now Consultant, telenephrology for organ donors for Organ Procurement Organizations

SCHOLARSHIP (continued)

Curriculum Development and Instructional Design

2008-2009	Expanded the internal medicine ambulatory elective curriculum for 4th year medical students
2008-2009	Developed interactive teaching modules for the continuity ambulatory curriculum for IM residents
2008	Developed a Nephrology teaching module for the Medicine Clerkship for 3rd year medical students
2009-2013	Contributing author, “Renal Quick Reference Guide”, a quick reference on nephrology topics for renal Fellows, published on the ICON website
2015	Education module: “Future Role of the Clinician”, VHA grant
2016	Innovations & Integrations in Medicine and Business: Student Distinction Track in Healthcare Delivery & Management
2018	Innovation in Healthcare Delivery, presentation for the Executive Leadership Academy
2018	In partnership with Iowa Medical Society and Iowa Hospital Association, developing a curriculum for a Physician Business Leadership Certificate Program
2021	Developed a nephrology rotation for ARNP students

Regional Presentations

June 2007	“Diabetic Nephropathy”, 29 th Annual Family Practice Intensive Review Course, Little Rock
Sept 2007	“Diabetes and Chronic Kidney Disease: Prevalence, Goals and Strategies to Slow Progression”, 7 th Annual Management of Kidney Disease for the Primary Care Provider, Little Rock
Oct 2007	“Management of Difficult and severe HTN”, Arkansas ACP chapter meeting, Little Rock
Oct 2007	“Internal Medicine Jeopardy”, Arkansas ACP chapter meeting, Little Rock
May 2012	“Clinical Pearls” 34 th Annual Iowa Renal Physician Meeting, Iowa City, IA
Jan 2013	“Practical Approach for Common Therapeutic Dilemmas in Hypertension”, Iowa Chapter of ACP
Jan 2013	“Addressing Dialysis Patients with Difficult Comorbidities”, 2013 Heartland Kidney Conference: "Celebrating 25 Years of Quality Patient Care", Kansas City, KS
Mar 2013	“Fluid Management in Heart Failure: Diuretics vs. Ultrafiltration”, 35 th Annual J. B. Stokes Iowa Renal Physician Meeting, Iowa City, IA
May 2014	“Team based care of Chronic Kidney Disease”, Jauch Memorial Symposium, Northeast Iowa Medical Education Foundation, Waterloo
May 2016	“Update in IgA Nephropathy, 38 th Annual John B Stokes Iowa Kidney Day, Iowa City
May 2017	“Ask the Medical Director: Common Questions about Caring for Dialysis Patients”. Iowa Council of Nephrology Nurses & Technicians Spring Meeting, Iowa City, IA
2007-Now	Lectures for the College of Medicine Visiting Professor Program (9 total)
2019	Iowa chapter of ACP- Clinical Vignette Competition: “Recurrent VT/VF” – mentor for Mohsan Chaudry

Original Papers, Peer-reviewed

1. Swapnil Sonkusare, Mony Fraer, James D. Marsh, Nancy J. Rusch. Disrupting Calcium Channel Expression to Lower Blood Pressure: New Targeting of a Well-Known Channel, Molecular interventions, 2006; 6: 304-310. Impact factor 8.273
2. Nair R, Fraer M, Agrawal N, Suneja M. Acute transplant glomerulopathy is associated with antibody-mediated rejection and poor graft outcome. Transplant Proc. 2010 Nov; 42(9):3507-12. Impact factor 1
3. Billow A. Ahmed, Irfan A. Bukhar, Brandon C. Jeffus, Justin T. Harney, Sheeno Thyparambil, Endrit Ziu, Mony Fraer, Nancy J. Rusch, Piotr Zimniak, Vladimir Lupashin, Dale Tang, Fusun Kilic. The Cellular Distribution of Serotonin Transporter is Impeded on Serotonin-Altered Vimentin Network, PLoS ONE. 2009; 4(3):e4730. Impact factor 4.351
4. Franks AM, Schmidt JM, McCain KR, Fraer M. Comparison of the effects of energy drinks versus caffeine supplementation on indices of 24-hour ambulatory blood pressure. The Annals of Pharmacotherapy, Feb. 2012 46:192-199. Impact factor 2.53
5. Kilic F, Fraer M. Serotonin, a Different Player in Hypertension-Induced Thrombosis. Hypertension, May 2015. 65(5): 942–948. Impact factor 7.63
6. Miriam Velez-Bermudez, Alan J Christensen, Ellen M Kinner, Anne I Roche, Mony Fraer. Exploring the Relationship between Patient Activation, Treatment Satisfaction and Decisional Conflict in Patients approaching End Stage Renal Disease, Annals of Behavioral Medicine, Volume 53, issue 9, Sept 2019, Impact Factor 3.118
7. Prerna Rastogi, Melissa Swee, Sarat Kuppachi, Patrick Ten Eyck, Marion Sanders, Mony Fraer. BK Virus Histopathologic Disease Severity Does Not Predict Allograft Outcome in Renal Transplant Recipients. Annals of Diagnostic Pathology, volume 42, Oct 2019, Impact Factor 1.6

8. Ana-Monica Racila, Amy M J O'Shea, Rajeshwari Nair, Kimberly Dukes, Loreen A Herwaldt, Linda Boyken, Daniel Diekema, Melissa A Ward, Jason Cobb, Jesse Jacob, David Pegues, Susan Bleasdale, Anitha Vijayan, Anubha Mutneja, Mony Fraer, Debra O'Connell-Moore, Pam Tolomeo, Minerva Mendez, Erin Jaworski, Marin L Schweizer. Using nasal povidone-iodine to prevent bloodstream infections and transmission of *Staphylococcus aureus* among haemodialysis patients: a stepped-wedge cluster randomised control trial protocol. *BMJ Open*, Volume 11, Issue 12, OCT 2021, Impact Factor 2.692
9. Vélez-Bermúdez M, Adamowicz JL, Askelson NM, Lutgendorf SK, Fraer M, Christensen AJ. Disparities in dialysis modality decision-making using a social-ecological lens: a qualitative approach. *BMC Nephrol*. 2022 Aug 5;23(1):276. Impact Factor 2.126
10. Lewis Mann; Patrick Ten Eyck; Chaorong Wu; Maria Story; Sree Jenigiri; Jayesh Patel; Iiro Honkanen; Kandi O'Connor; Janis Tener; Meenakshi Sambharia; Mony Fraer; Lama Nourredine; Douglas Somers; Jonathan Nizar; Lisa Antes; Sarat Kuppachi; Melissa Swee; Elizabeth Kuo; Chou-Long Huang; Diana I. Jalal; Benjamin R. Griffin. CVVHD Results in Longer Filter Life than Pre-Filter CVVH: Results of a Quasi-Randomized Clinical Trial. *PLOS ONE* 2023. Impact Factor 3.752
11. Kimberly C. Dukes, Stacey Hockett Sherlock, AM Racila, Loreen A. Herwaldt, Jesse Jacob, Anitha Vijayan, Joseph Kellogg, David Pegues, Pam Capocci Tolomeo, Jason Cobb, Mony Fraer, Susan C. Bleasdale, Melissa A. Ward, Brenna Lindsey, Marin Schweizer. "Implementing Nasal Povidone Iodine Decolonization to Reduce Infections in Hemodialysis Units: A Qualitative Assessment". *Infection Control and Hospital Epidemiology* 23 May 2024. Impact Factor 6.52
12. Rachel A. Hadler, Seth Weeks, Yifan He, Mony Fraer, Franklin Dexter. "Dignity-related distress and recall among alert, non-delirious critically ill patients". *Palliative & Supportive Care*. 2024 May 13. Impact Factor 2

Review Papers, Peer-reviewed

1. Godela Brosnahan, Mony Fraer. Chronic Kidney Disease: Whom to Screen and How to Treat, Part 1: Definition, Epidemiology and Laboratory Testing. *Southern Medical Journal*, 103(2):140-146. Feb 2010. Impact Factor 0.924.
2. Godela Brosnahan, Mony Fraer. Management of Chronic Kidney Disease: What is the Evidence? *Southern Medical Journal*, 103(3):222-230, March 2010. Impact factor 0.924
3. CME Questions. *Southern Medical Journal*. 103:138. Feb 2010
4. CME Questions. *Southern Medical Journal*. 103:221. March 2010
5. Michelle A. Fravel, Elizabeth Bald, Mony Fraer. Antihypertensive Agents in the Dialysis Patient. *Current Hypertension Reports*. 21:5. Jan 2019. Impact Factor 3.234

Case Reports

1. Mony Fraer, Adam Campbell, and B. Peter Sawaya. Response to Cyclosporine A in a Patient with Pure Red Cell Aplasia Due to Anti-Erythropoietin Alpha Antibodies. *Seminars in Dialysis*, 2006; 19(3): 251-255; case report
2. M. Fraer, M.A. Sekkarie, R. Rao and B.P. Sawaya. Vascular access malfunction due to upper extremity embolization in dialysis patients. *Clinical Nephrology*, 2008; 69(1): 53-57
3. J.C. Mathew, D.G. Holanda, T.L. Figanbaum, M. Fraer, C.P. Thomas. Late-Onset BK Viral Nephropathy in a Kidney Transplant recipient. *Transplantation proceedings*, Volume 46, Issue 7, Pages 2386–2390, September 2014, Impact factor 0.98
4. J. Patel, C. Holman, M. Fraer. Renal Infarction in a Patient Found to Have a Dysproteinemia. *KIDNEY360* 1: 1332–1333, November, 2020

Book Chapters

1. *Nephrology Secrets*, 3rd ed. Chapters 26 and 74: "Management of the Patient with Resistant Edema" and "Volume Disorders", ISBN-10: 1416033629, 2011
2. *Cardiology: An Illustrated Textbook* (2 Volume Set), Chapter 98: Kidney and the Heart, ISBN-10: 9350252759, 2012
3. *The 5-Minute Clinical Consult* 2014 chapters: Asymptomatic Bacteriuria and Liddle Syndrome
4. *The 5-Minute Clinical Consult* 2015 chapters: Asymptomatic Bacteriuria, IgA nephropathy, Hepatorenal Syndrome, Dehydration, Milk-alkali Syndrome and Liddle Syndrome
5. *Cardiology - An Illustrated Textbook*, 2nd Revised edition, Chapter: Kidney and the Heart, 2017, ISBN-10: 9352500091
6. *Ventricular-Assist Devices and Kidney Disease: Clinical Perspectives*, Chapter 4. Diuretic Therapy in Heart Failure, Springer, ISBN-10: 3319746561, 2018

Workshops

Apr 2015	“Conception to Implementation of a Self-Management Model for Diabetes”, 3rd Annual Quality Improvement and Patient Safety Symposium., University of Iowa
May 2015	Practice Management, Internal Medicine Residents, University of Iowa
June 2015	Value in Healthcare Delivery, A Patient’s Perspective”, Abdominal Transplant Center
Dec 2015	Goals of care for dialysis patients, nephrology fellows workshop
Apr 2016	“Service Delivery: A Way to Innovate and to Improve the Patient Experience Using Human Centered Design”, 4th Quality Improvement and Patient Safety Symposium. University of Iowa
Mar 2017	“ReThink Health” Simulation for the Healthcare Delivery and Management distinction track

Posters

Apr 2015	“Improving Hospitalist-Primary Care Provider Communication Using a Smartphone Application“, 3rd Annual Quality Improvement and Patient Safety Symposium
May 2015	“Reduced Readmissions and Length of Stay in Transplant Patients: Standardizing Care Monitoring of High Risk Patients”, Executive Leadership Academy, University of Iowa
May 2015	“Developing a Structured, Comprehensive Continuous Renal Replacement Therapy Education Program”; Executive Leadership Academy
Sept 2015	“AIM@Diabetes”, 2015 Nursing Recognition Day
Dec 2015	27th Annual National Forum on Quality Improvement in Health Care, Story board: "Supporting value centered care for chronic disease"
Apr 2016	“Ambulatory Intensive management of Diabetes”, 4th Quality and Patient Safety Symposium. University of Iowa
Mar 2017	“BK Virus Disease, Morphologic Classification and Predictors of Outcomes in Renal Transplants: A Single Institution Experience”, Annual United States and Canadian Academy of Pathology, San Antonio, TX
Apr 2017	“Fibrillary Glomerulopathy and Renal Cell Cancer in a Situs Inversus Totalis Patient”, National Kidney Foundation, Spring Meeting
May 2017	“Does Histologic Grade in BK Polyoma Nephropathy Associate with Viral Load, Allograft Dysfunction or Allograft Loss? A Single Institution Experience”, American Transplant Congress
Oct 2018	“Assessing Barriers and Facilitators to Phosphate Binder Adherence in a Dialysis Population”, American College of Clinical Pharmacy Global Conference on Clinical Pharmacy, Seattle, WA
Nov 2020	“A Deadly Treatment for Opioid-Induced Constipation”, American Society of Nephrology Annual Meeting
Mar 2023	“Disparities in dialysis psychosocial outcomes among patients from well-resourced clinics”, American Psychosomatic Society meeting
Apr 2024	“Survey of Hemodialysis Patients’ Knowledge of Their Infection Risk and Acceptability of a Nasal Decolonization Intervention”, Society for Healthcare Epidemiology of America
Oct 2024	“Safety and effectiveness of nasal povidone iodine decolonization among patients on hemodialysis: Multicenter step to wedge cluster randomization trial”, ID Week 2024
Dec 2024	“Challenges to Engaging Patients Undergoing Hemodialysis in a Novel Infection Prevention Intervention Trial: A Qualitative Analysis, 17 Annual Conference on the Science of Dissemination and Implementation

Electronic Publications

1. Thomas CP, Fraer M. Syndrome of Inappropriate Antidiuretic Hormone Secretion. Medscape (WebMD), 2013-2016 <http://emedicine.medscape.com/article/246650-overview>
2. Pyelonephritis, empiric treatment. Medscape <http://emedicine.medscape.com/article/2002607-overview>
3. Syndrome of inappropriate diuretic hormone secretion, 2008, DynaMed
4. Membranous Nephropathy, 2007, DynaMed
5. Ferris L, Thrush CR Boateng B, Bornhorst J, Fraer M, Krain LP, Lopez M, Mahadevan M, Vuk J, Williams DK. “Adult Learning Principles Made Practical”. Online learning module, published in Blackboard, 2012

Abstracts

1. “Ethnic Diets Do Not Affect the Short-term Reproducibility of Circulating Homocysteine Level in US and Japanese Patients”—American Society of Nephrology, 35th Annual Meeting.

2. “Improvement of Malnutrition and Inflammation Correlates with the Blood Levels of Soy Isoflavones Following Dietary Intervention in Hemodialysis Patients”—American Society of Nephrology, 37th Annual Meeting
3. Franks AM, Schmidt JM, McCain KR, Fraer M. Comparison of the effects of energy drinks and caffeine supplementation on indices of 24-hour ambulatory blood pressure. Abstract at the Annual Meeting of the American College of Pharmacy, Oct 2009
4. Laith Farah Al-Rabadi, Roberto Leon Ferre, Christopher D. Blosser and Mony Fraer. T-Cell Lymphoma presenting with type B lactic acidosis - American Society of Nephrology, Annual Meeting, 2014
5. Melisa Swee, Mony Fraer, Sarat Kuppachi, Sanders, Marion. “Potential Risk Factors for Resistant BK Viremia in Kidney Transplants” —American Society of Nephrology, Kidney Week, Oct 2016
6. Melisa Swee, Mony Fraer, Sarat Kuppachi, Sanders, Marion “BK Virus Disease Severity and Predictors of Graft Outcomes in Renal Transplants: A Single Institution Experience”, United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 2017
7. Mony Fraer, Rhonda Fruhling, Craig Syrop, Eric Linson, Greg Doelle. "Ambulatory Intensive Management of Diabetes supports self-management care leading to better glycemic control, fewer ED visits and lower rate of hospitalizations", International Conference on Internal Medicine, San Francisco
8. Dmitri Nikolaenko, Mony Fraer. Fibrillary Glomerulopathy and Renal Cell Cancer in a Situs Inversus Totalis Patient. National Kidney Foundation 2017, Spring Clinical Meeting
9. Melissa Swee, Mony Fraer, Sarat Kuppachi, Marion Sanders. “Does Histologic Grade in BK Polyoma Nephropathy Associate with Viral Load, Allograft Dysfunction or Allograft Loss? A Single.” 2017 American Transplant Congress
10. J. Chau, K. Phisitkul, P. Ten Eyck, C. Wu, M. Fraer, U. Perepu. Holding Iron Measurement to a Gold Standard: Comparing Reticulocyte Hemoglobin Content to Traditional Biomarkers in Predicting Response to Intravenous Iron Supplementation in Hemodialysis Patients. 59th American Society of Hematology Annual Meeting, December 2017
11. Miriam Velez-Beruez, Ellen M Kinner, Anne I Roche, Mony Fraer, Alan J Christensen. Patient Activation as a Mediator for Treatment Satisfaction and Decisional Conflict among Patients Approaching ESRD. 39th Annual Meeting of the Society of Behavioral Medicine, April 2018
12. Amna Rizvi-Toner, B.S., Pharm.D./M.P.H. Candidate, Emily Morton, B.S., Alicia McCain, B.S., Mony Fraer, M.D. and Michelle Fravel, Pharm.D. Assessing barriers and facilitators to phosphate binder adherence in a dialysis population. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy, October 2018
13. Jayesh B. Patel, Swe Zin Mar Win Htut Oo, Melissa L. Swee, Mony Fraer. Bilateral renal infarction: An uncommon presentation of Multiple Myeloma. American Society of Nephrology annual Meeting 2019
14. Isaac Sheffield; Lovkesh Arora; Mony Fraer; Barbara Kane; Rashmi Mueller. Intraoperative Heparin-Induced Hyperkalemia. American Society of Anesthesiologists Annual Meeting, 2022
15. Disparities in dialysis psychosocial outcomes among patients from well-resourced clinics”, American Psychosomatic Society Meeting 2023
16. Challenges to Engaging Patients Undergoing Hemodialysis in a Novel Infection Prevention Intervention Trial: A Qualitative Analysis. Dissemination & Implementation conference 2024

Editorials

1. A Mask and Many Faces: Hypokalemic Periodic Paralysis. Southern Medical Journal. Sept. 2008, volume 101, Issue 9
2. “No time to waste” for chronic kidney disease patients. UI Consult. Spring 2013. <http://medcom.uiowa.edu/uiconsult>

Editorial board member

Austin Hypertension, Advances in Kidney Diseases and Treatment, Archives of General Internal Medicine, SM Journal of Nephrology and Therapeutics, The Scientific Journal of Renal Cancer, The Scientific Pages of Renal Surgery, SM Kidney Disease and Transplantation, Internal Medicine and Care, American Research Journal of Urology, Journal coordinator of Clinical Images & Case Reports, SciFed Journal of Public Health, Archives of Clinical Pathology, Journal of Clinical and Laboratory Medicine, SciFed Journal of Chronic Diseases, International Journal of Renal Diseases and Therapy, Endocrinology and Diabetes Open Access, American Research Journal of Medicine and Surgery, Archives of Urology, American Research Journal of Urology, Trends in Hypertension and Nephrology, American Research Journal of Urology, Trends in Hypertension and Nephrology, Journal of Renal study and Research, Journal of Public Health and General Medicine, Annals of Cardiology and Medicine

Books reviewed for MedInfoNow, Doody’s Review

1. Irfan A Agha. The Washington Manual, Nephrology Subspecialty Consult. Lippincott Williams & Wilkins, 2004.
2. Jeremy Levy. Oxford Handbook of Dialysis, 2nd ed., Oxford University Press, 2004.

3. E. Joanna Chambers. Supportive Care for the Renal Patient, Oxford University Press, 2004.
4. Panos Stamoulos. One Stop Doc: Renal and Urinary System and Electrolyte Balance. Hodder Arnold Publication, 2005.
5. Thomas Masterson. Day-by-Day Dialysis Calendar 2005. International Medical Publishing.
6. Robert Reilly. Nephrology in 30 Days. McGraw-Hill Professional, 2005.
7. Allen R. Nissenson. Clinical Dialysis, 4th ed. The McGraw Hill Companies, 2005.
8. Matthew R. Weir Medical Management of Kidney Transplantation. Lippincott Williams & Wilkins, 2005.
9. Thomas Masterson. Weekly Planner Kidney Calendar 2005. International Medical Publishing.
10. William M. McClellan. Clinical Management of Chronic Kidney Disease. Professional Communications, 2006
11. Ivy Alexander. Urinary Tract and Kidney Diseases and Disorders Source Book, 2nd ed. Omnigraphics, 2005.
12. Simon Steedon. Oxford Handbook of Nephrology and Hypertension. Oxford University Press, 2006.
13. George Aronoff. Drug Prescribing in Renal Failure, 5th ed. American College of Physicians, 2007.
14. David Goldsmith. ABC of Kidney Disease. Blackwell Publishing, 2007.
15. Cristopher Wilcox. Therapy in Nephrology and Hypertension: Companion, Brenner and Rector's The Kidney. Elsevier, 2008.
16. William Henrich. Principles and Practice of Dialysis, 4th ed. Lippincott Williams & Wilkins, 2009.
17. Suhail Ahmad. Manual of Clinical Dialysis, 2nd ed. Springer, 2009.
18. Cristopher Wilcox. Handbook of Nephrology and Hypertension, 6th ed. Lippincott Williams & Wilkins, 2009.
19. Jeremy Levy. Oxford Handbook of Dialysis, 3rd ed. Oxford University Press, 2004.
20. Michael R. Clarkson. Pocket Companion to Brenner & Rector's The Kidney, 8th ed. Saunders Elsevier, 2010.
21. J. Larry Jameson. Harrison's Nephrology and Acid-Base Disorders. McGraw Hill, 2010.
22. Robert W. Schrier. Renal and Electrolyte Disorders, 7th ed. Lippincott Williams & Wilkins, 2010.
23. Eric P Cohen. Cancer and the Kidney: The Frontier of Nephrology and Oncology, 2nd ed. Oxford University Press, Inc. 2011.
24. Adel E. Berbari. Cardiorenal Syndrome: Mechanisms, Risk and Treatment. Springer, 2010.
25. Toshio Miyata. Studies on Renal Disorders. Humana Press, 2010.
26. G.A. Herrera. Experimental Models for Renal Diseases: Pathogenesis and Diagnosis, S Karger AG. 2011.
27. J.M. Morales. Hepatitis C in Renal Disease, Hemodialysis and Transplantation. Vol. 176. S.Karger. 2012
28. A Saito. High-Performance Membrane Dialyzers (Contributions to Nephrology), S Karger. 2011
29. John T. Daugirdas. Handbook of Chronic Kidney Disease Management, Lippincott Williams & Wilkins. 2011
30. William E. Mitch. Handbook of Nutrition and the Kidney: 6th Edition, Lippincott Williams & Wilkins, 2010.
31. G Krick. On-Line Hemodiafiltration: The Journey and the Vision, S Karger, 2011
32. George L. Bakris. Managing the Kidney when the Heart is Failing, Springer, 2012

RESEARCH

Industry sponsored trials

2007-2009 SubI - MAGELLAN
 2012-2013 SubI - Study to Assess the Safety and Efficacy of A Selective Cytopheretic Device NCT01400893
 2014-2019 SubI - SONAR
 2015-2021 SubI - FIGARO-DKD
 2015-2021 SubI - FIDELIO-DKD
 2016-2020 SubI - ASCEND D and ND
 2018-Now PI - OMEROS OMS271-IgA
 2018-2020 PI - PDOPPS
 2018-2020 PI - CARA-CR845
 2018-2020 PI - CKDOPPS
 2019-2020 SubI - Study of Patients With Chronic Kidney Disease to Assess the Safety of COR-001
 2019-2020 SubI - Dapa-CKD
 2020-2022 PI - FRONTIER-1, MEDI -DKD 35
 2021-2022 PI - MISSION, KZR-616
 2021-Now SubI - URIROX2
 2021-2022 PI- ORIGIN
 2021-2022 PI - TRACTION-2
 2021-2022 PI - OPPUS
 2021-Now SubI - DIALIZE
 2023-Now PI - REGEN-006
 2023-Now SubI - VISIONARY
 2023-Now SubI - MAJESTY

2023-Now	PI-	NEUTRALIZE-AKI
2023-Now	SubI-	CHK02-02
2024-Now	SubI-	Study to Assess Safety, Efficacy and Cellular Kinetics of YTB323 in Severe, Refractory SLE
2024-Now	SubI-	Study to Evaluate IMPT-514 In Participants With Refractory Lupus Nephritis
2024-Now	SubI-	Study to evaluate in patients with IgA Nephropathy
2024-Now	SubI-	Study to evaluate ravulizumab in adults with IgA nephropathy
2024-Now	SubI-	Study to Evaluate Avacopan in Participants With ANCA-associated Vasculitis
2025-Now	PI-	AZD7760 Safety and PK in Healthy Participants and in ESKD Patients with a CVC

Investigator initiated studies

2017 Investigator “Treatment Decision Making in Kidney Disease. Looking at how well adjusted these patients are during stressful decision making process when choosing different treatment modalities”

2019 Investigator “Povidone-Iodine Decolonization to Reduce Community-Onset S. aureus Invasive Infections among Dialysis Patients”. AHRQ grant (\$ 2.5 million, multi-center study)

2019 Dialysis Modality Decision-Making in Adults with End-Stage Renal Disease

Grants

2014 Institute for Clinical and Translational Science, \$ 60.000 grant - Smartphone application to help improve communication between inpatient and outpatient providers

2018 Fraternal Order of Eagles, D. D. Dunlap Kidney Fund, \$ 1.000 - Assessing barriers and facilitators and increasing phosphate binder adherence in a dialysis population

ACADEMIC (COMMITTEES)

My committee work experience: Institutional committees Nephrology

2010-Now	Nephrology Fellowship Selection
2011-2014	Fellows’ Research (to promote fellows research)
2016-2020	Program Evaluation for Nephrology Fellowship

Institutional committees Internal Medicine

2007-2009	Clinical Operations (Internal Medicine Department operations improvement)
2008-Now	Multidisciplinary Kidney Transplant Listing (reviewing candidates for kidney transplant)
2009-2015	Departmental ad hoc Committee for Faculty Recruitment
2012-2017	Planning committees for the Annual Quality Improvement and Patient Safety Symposium
2012-2015	Clinical Leadership Council , department of Internal Medicine
2013	Department of Internal Medicine – Medicine Department 5 year review
2015-Now	Solid organ transplant Quality Assurance and Performance Improvement Steering
2013-2015	Mortality, Morbidity and Improvement Conference Planning Group
2013-Now	Department Consulting Group (promotions)
2021-Now	Departmental lead for Coding and Documentation
2023-2024	Faculty Promotions Committee

Institutional committees Hospital

2007-2009	Pharmacy and Therapeutics
2007-2009	Patient Safety
2007-2009	Quality and Performance Improvement
2007-2009	Medical Records
2007-2009	Institutional Review Board member

2010-2015	Medical Education (development of faculty teaching skills by analyzing clinical scenarios)
2012-Now	Dialysis Policy Board
2012-2013	UI Health Care Referring Physician Steering Council
2012-2013	Lab Utilization Committee – addresses the high cost of unnecessary labs ordered for inpatients
2014	Physician Leader, Inpatient University of Iowa Hospitals, 100 Million Dollar Right-Sizing Project , specialty pharmacy
2016-2018	Simulation center planning , project team
2017	Medical Director Time Reporting Workgroup
2017	Task Force for Dialysis Program evaluation (Market analysis, financials, future trends and growth)
2015-2017	Safety and Oversight Team workgroups on kidney biopsy and dispensing 3% saline
2017-2023	Clinical Systems Committee Emergency Management Working Group
2019-2023	Patient and Coworkers Advocacy Reporting , Vanderbilt Center, Patient and Professional Advocacy
2019-Now	Pharmacy and Therapeutics Committee

Institutional committees College of Medicine

2007-2009	Professional Standards
2008-2009	Student Promotion
2009-2013	CME (organizational oversight and assistance for university educational activities)
2015-Now	Interviewer for Medical School, Residency, Fellowship, Faculty
2015-Now	Innovations and Integrations in Medicine and Business (Healthcare Delivery and Management Track)
2021-Now	Carver College of Medicine Biomedical Informatics Community

Institutional committees University

2012-2015	University of Iowa, Faculty Senate Judicial Commission
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Mentorship

2012-2020	Faculty member , William Bean Learning Community
2014-2016	Project Advisor for University of Iowa Health Care Executive Leadership program for 3 staff MD's
2015-2018	Mentoring for faculty: Dr. Kulshrestha, Satyarth
2019-Now	Junior renal fellow
2018	PhD Dissertation committee for Ellen Kinner, MA, Graduate Student, Clinical Psychology
2019- 2022	PhD Dissertation committee for , Miriam Velez-Bermudez MS, MPH and mentor for her NIH Predoctoral Fellowship (F31 award)