



- *Chief, Division of Medical, Behavioral & Community Health*
- *Professor of Medicine*
- *Diabetes Program*
- *Kidney Disease Program*
- *Clinical Patient Registries for Quality Improvement*

Conditions Treated:

- *Type 2 Diabetes*
- *Chronic Kidney Disease, Stages I-IV*
- *Kidney-Related Electrolyte Abnormalities and Hypertension*

Research Areas:

- *Electronic patient registries for early diagnosis of lung cancer*
- *Electronic patient registries for quality improvement*

Programs & Services:

- *Diabetes Program*
- *Cancer Registry*
- *Lung Nodule Registry Program*
- *Lung Cancer Screening Registry*
- *Section of Nephrology & Diabetology*
- *Lung Cancer Screening CT Program*

Dr. Kern's clinical training and practice focus upon the treatment of patients with diabetes, especially the patient with chronic kidney disease due to diabetes. She also treats patients with a variety of chronic kidney diseases, prior to the need for dialysis. Her research focuses upon the epidemiology of treated patient populations, and in the area of quality improvement of medical care. She has designed and implemented computerized patient registries that are useful in measuring and improving the quality of health care. She is principal investigator for the creation of a computerized system to report cancer cases to the state of Colorado Department of Public Health.

Research Interests

Medical Informatics, Quality Improvement, Health Outcomes, Epidemiology

Clinical Interests

Diabetic kidney disease

Board Certification

1990, 2014: Nephrology
1982: Internal Medicine

Education

1979 University of Texas Southwestern Medical School, MD
2005 University of Iowa Graduate School, MS, Epidemiology

Residency

1979 - 1982 University of Texas Southwestern Affiliated Programs, Internal Medicine

Fellowship

1982 - 1985 University of Pennsylvania, Post-Doctoral Research, Diabetes
1985 - 1987 University of Pennsylvania, Nephrology
2002 - 2005 National VA Quality Scholars,

Teaching or Professional Positions

Clinical Preceptor, fourth year pharmacy students, University of Colorado and Regis University
Doctoral thesis committee member

Affiliations with the University of Colorado Denver

2015-19: University of Colorado Denver, Graduate faculty, Special, Clinical Sciences

Professional Memberships

American Diabetes Association
American Society of Nephrology
Academy for Healthcare Improvement

Awards & Recognition

2016: Co-chair, National Jewish Health Institutional Review Board
2015: Reuben Cherniack Service Award

Publications

Carr L, Zelarney P, Meadows S, Kern J, Long B, Kern E. Development of a Cancer Care Summary Through the Electronic Health Record. Journal of Oncology Practice, e-published Jan 12, 2016

Watts B, Lawrence R, Drawz P, Carter C, Shumaker AH, Kern E. Development and Implementation of Team-Based Management Tools: Filling the Gap between Patient and Population Information Systems. Population Health Management. Vol 19; Issue 4: 232-9, e-published Oct 7, 2015

Drawz PE, Miller RT, Singh S, Watts B, Kern E. Impact of a chronic kidney disease registry and provider education on guideline adherence - a cluster randomized controlled trial. BMC Medical Informatics and Decision Making, 2012 Jul 5;12(1):62.

Watts S, Lawrence R, Kern E. Diabetes Nurse Case Management Training Program: Enhancing Care Consistent with the Chronic Care and the Patient-Centered Medical Home Models, Clinical Diabetes, vol. 29 (1), 25-33, January 2011.

Kern E, Genuth S, Erhard P, Sun W, Weiss M. Early urinary markers of diabetic kidney disease: a nested case-control study from the Diabetes Control and Complications Trial (DCCT), Am J Kidney Dis. 55: (5), 824-834, May 2010.

Doctor's Contact Information

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Locations

National Jewish Health Main Campus
1400 Jackson St.

Denver, CO 80206