



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

---

#### Conditions Treated:

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

#### Research Areas:

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

#### Programs & Services:

- *Lung Cancer Screening CT Program*
- *Section of Nephrology & Diabetology*
- *Lung Cancer Screening Registry*
- *Division of Medical, Behavioral & Community Health*
- *Lung Nodule Registry Program*
- *Diabetes Program*
- *Cancer Registry*

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**

Office: 877.225.5654

### **Locations**

National Jewish Health Main Campus  
1400 Jackson St.

Denver, CO 80206