CURRICULUM VITAE

Name	Kenton M Sanders	**Country**	USA
Affiliation/ Present Position	Professor and Chair Department of Physiology and Cell Biology University of Nevada, Reno School of Medicine		

Education	
1972	B.A. University of California, Santa Cruz (Chemistry)
1976	Ph.D. University of California, Los Angeles (Physiology)

Training and Carrier (Residency and Experience)	
1976-1978	**Postdoctoral Fellow**, Department of Physiology, UCLA School of Medicine
1978-1979	**Postdoctoral Fellow**, Department of Physiology, Mayo Medical School Mar. 1997 - Feb.

Award and Activity	
2020	Regent's Distinguished Research Award, Nevada System of Higher Education
2004-2014	NIH/NIDDK MERIT Award
2008	Emil Bozler Distinguished Lecture, Ohio State University (2008)
2007	Visiting Professor, Mayo Foundation (2007)
2006-2008	National Commission on Digestive Diseases (NIH)
2005	*Doctor Honoris Causa*, University of Antwerp
2005	Visiting Professor, Bioengineering Institute, University of Auckland
2004	Carnegie Centenary Professor (Carnegie Trust for the Universities of Scotland), Chair based at Strathclyde University, Glasgow.
2004	Distinguished Lecturer, North West Universities of England; Universities of Liverpool and Manchester.
2004	Stevenson Lecture, University of Western Ontario.
2002	Totman Special Lecturer, University of Vermont
1996	James O. Davis Distinguished Lecturer, University of Missouri
1995	Janssen Research Award for Gastrointestinal Motility
1995	Janssen Award for Basic Research, Janssen Pharmaceutica
1994	Board of Regents Research Award, University of Nevada
1993	University of Nevada Foundation Professor
1991	Outstanding Researcher Award, University of Nevada
1984	Honorary Research Fellow at University College London with Professor Geoffrey Burnstock
1983-1988	NIH Research Career Development Award
1978-1979	American Heart Association Fellowship

1976-1978	NIH Postdoctoral Fellowship (NIAMDD)

Research Interests

Gastrointestinal Motility
Interstitial cell regulation of motility
Neural regulation of motility
Smooth muscle electrophysiology
Role of interstitial cells in urinary tract

Bibliography: representative publications from the last three years

1. Koh SD, Drumm BT, Lu H, Kim HJ, Ryoo SB, Kim HU, Lee JY, Rhee PL, Wang Q, Gould TW, Heredia D, Perrino BA, Hwang SJ, Ward SM, Sanders KM. (2022) Propulsive colonic contractions are mediated by inhibition-driven post-stimulus responses that originate in interstitial cells of Cajal. **Proceedings of the National Academy of Science USA**. 119:e2123020119. PMCID: 9170151
2. Drumm BT, Hannigan KI, Lee JY, Rembetski BE, Baker SA, Koh SD, Cobine CA, Sanders KM (2022) Ca^{2+} signaling in interstitial cells of Cajal contributes to generation and maintenance of tone in mouse and monkey lower esophageal sphincters**. Journal of Physiology**. 600:2613-2636. PCMID: PMC9167266
3. Baker SA, Hwang SJ, Blair PJ, Sireika C, Wei L, Ro S, Ward SM, Sanders KM. (2021) Ca^{2+} transients in ICC-MY define the basis for the dominance of the corpus in gastric pacemaking. **Cell Calcium**. 99:102472. PMCID: PMC8592010
4. Baker SA, Leigh WA, De Yturriaga IF, Ward SM, Cobine CA, Drumm BT, Sanders KM. (2021) Ca^{2+} signaling driving pacemaker activity in submucosal interstitial cells of Cajal in the murine colon. **eLife**. Jan 5;10:e64099. PMCID: PMC7806270
5. Kurahashi M, Kito Y, Baker SA, Jennings LK, Dowers JGR, Koh SD, Sanders KM. (2020) A novel postsynaptic signal pathway of sympathetic neural regulation of murine colonic motility. **FASEB Journal**. 34: 5563-5577. PMCID: PMC7147814