

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Douglas K. Rex, MD, FACP, FACC		POSITION TITLE Professor of Medicine	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Harvard College, Cambridge, MA	BA	1976	Biology
Indiana University, Indianapolis, IN	MD	1980	Medicine

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

A. Positions and Honors.Professional Experience

1985 -1990 Assistant Professor of Medicine Indiana University School of Medicine
 1990 -1994 Associate Professor of Medicine of Medicine Indiana University School of Medicine
 1994 - Present Professor of Medicine Indiana University School of Medicine
 1994 - Present Director of Endoscopy Indiana University Hospital
 2006 - Chancellor's Professor, Indiana University Purdue University Indianapolis

Honors

1980 John Hickam Award, IU Sch Med
 1992 IU Sch Med Excellence in Teaching Award
 2002 Distinguished Lecturer, DDW, ASGE national meeting
 2002 William D. Carey Award, ACG Board of Governors
 2003 ASGE Master Endoscopist Award
 2005 David Sun Lecture
 2006 Emily Couric Lecture
 2006 Tony and Mary Hulman Health Achievement Award

B. Selected Peer-reviewed publications.

1. Rex DK, et al. Five year incidence of adenomas after negative colonoscopy in asymptomatic average-risk persons. *Gastroenterology* 1996;111(12):178-81.
2. Rex DK, et al. Patients willing to try colonoscopy with sedation only as needed. Associated clinical factors and results of a randomized controlled trial. *Gastrointest Endosc* 1999;49:554-9.
3. Rex DK, et al. Prospective determination of distal colon findings by colonoscopy in patients with proximal colon cancer. *Gastrointest Endosc* 1999;49:727-30
4. Alikhan M, Rex DK, Khan A, Rahmani E, Cummings O, Ulbright TM. Variable pathologic interpretation of columnar lined esophagus by general pathologists in community practice. *Gastrointest Endosc* 1999;50:23-6.
5. Rex DK, et al. Accuracy of pathologic interpretation of colorectal polyps by general pathologists in community practice. *Gastrointest Endosc* 1999;50:468-74.

6. Rex DK, et al. New endoscopic finding associated with hyperplastic polyps. *Gastrointest Endosc*. 1999;50:704-6.
7. Rex DK. Still photography versus videotaping for documentation of cecal intubation: a prospective study. *Gastrointest Endosc* 2000;51:451-9.
8. Rex D. Colonoscopic withdrawal technique is associated with adenomas miss rates. *Gastrointest Endosc* 2000;51;33-6.
9. Rex DK, et al. Screening colonoscopy in asymptomatic average-risk African-Americans. *Gastrointest Endosc* 2000;51:524-7.
10. Rex DK. Effect of variable stiffness colonoscopes on cecal intubation times for routine colonoscopy by an experienced examiner in sedated patients. *Endoscopy* 2001;33:60-4.
11. Rex DK, et al. Colorectal cancer prevention 2000: Colorectal Screening Recommendations of the American College of Gastroenterology. *Am J Gastroenterol* 2000;95:868-77.
12. Rex DK, et al. Step section histology of proximal colon polyps that appear hyperplastic by endoscopy. *Am J Gastroenterol* 2002;97:1530-4.
13. Sipe B, Rex D. Propofol vs. midazolam/meperidine for colonoscopy: Administered by nurses and supervised by endoscopists. *Gastrointest Endosc* 2002;55:815-25.
14. Rex DK, et al. Method of colonoscopy in 42 consecutive patients presenting after prior incomplete colonoscopy. *Am J Gastroenterol* 2002;97:1148-51.
15. Suleiman S, Rex DK, Sonnenberg A. Chemoprevention of colorectal cancer by aspirin: A cost-effectiveness analysis. *Gastroenterology* 2002;122:78-84.
16. Rex DK, Chasen R, Pochapin MB. Safety and efficacy of two reduced dosing regimens of sodium phosphate tablets for preparation prior to colonoscopy. *Aliment Pharmacol Ther* 2002;16:937-44
17. Schoenfeld P, Shad J, Ormseth E, Coyle W, Butler J, Schindler W, Kikendall WJ, Furlong C, Sobin L, Cruess D, Rex D. **P**REdictive value of **D**iminutive **C**olononic adenoma **T**rial: THE PREDICT TRIAL. *Clinical Gastroenterology and Hepatology* 2003;1:195—201.
18. Sipe B, Rex D. Propofol vs. midazolam/meperidine for colonoscopy: Administered by nurses and supervised by endoscopists. *Gastrointest Endosc* 2002;55:815-25.
19. Cash BD, Schoenfeld P, Rex DK. An evidence-based medicine approach to studies of diagnostic tests: assessing the validity of virtual colonoscopy. *Clinical Gastroenterology & Hepatology* 2003;1:136-44.
20. Ghorai S, TM Ulbright, Rex DK. Endoscopic findings of diverticular inflammation in colonoscopy patients without clinical acute diverticulitis: Prevalence and endoscopic spectrum. *Am J Gastroenterol* 2003;98:802-6.
21. Walker JA, McIntyre RD, Schleinitz PF, Jacobson KN, Haulk AA, Adesman P, Tolleson S, Parent R, Donnelly R, Rex DK. Nurse-administered propofol sedation without anesthesia specialists in 9152 endoscopic cases in an ambulatory surgery center. *Am J Gastroenterol* 2003;98:1744-50.
22. Cotton PB, Durkalski VL, Pineau BC, Palesch YY, Mauldin PD, Hoffman B, Vining DJ, Small WC, Affronti J, Rex DK, et al. Computed tomographic colonography (virtual colonoscopy). A multicenter comparison with standard colonoscopy for detection of colorectal neoplasia. *JAMA* 2004;291:1713-9.
23. Singh N, Harrison M, Rex DK. A survey of colonoscopic polypectomy practices among clinical gastroenterologists. *Gastrointest Endosc* 2004;60:414-8.
24. Vucelic B, Rex D, Pulanic R, et al. The Aer-O-Scope: proof of concept of a pneumatic, skill-independent, self propelling, self navigating colonoscope. *Gastroenterology* 2006;130:672-7.

C. Research Support.

Ongoing

<u>R01 CA097386 (Co-Investigator)</u>	Vanderbilt -NIH	09/01/02-08/31/07
Epidemiologic Study of Predictors for Adenoma Recurrence		\$681,148

Completed Research

<u>U01 CA89389 (Co-Investigator)</u>	Mayo – NIH	06/01/01- 05/31/06
Colorectal Cancer Screening: Fecal Blood vs. DNA		\$1,117,965