

## **CURRICULUM VITAE**

### **KAREN E. DEVENEY**

Office Address: Oregon Health and Science University  
MacKenzie Hall Room 3168  
3181 S.W. Sam Jackson Park Road - L223  
Portland, OR 97239

#### EDUCATION:

1965-B.A. Stanford University  
1972-M.D. University of California  
San Francisco, California

#### POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

1972-1973 Intern in Surgery, University of California  
1973-1978 Resident in Surgery, University of California  
Affiliated Hospitals, San Francisco, California  
1974-1978 Academic Trainee, National Institutes of Health, University of California, San  
Francisco, California  
1978-1979 Associate Investigator, Veterans Administration Medical Center,  
San Francisco, California  
1983-1986 Research Associate, Veterans Administration Medical Center, San Francisco,  
California and Philadelphia, Pennsylvania

#### MILITARY SERVICE:

1979-1981 U.S. Army Medical Corps  
Frankfurt Army Regional Medical Center,  
Frankfurt, West Germany

#### FACULTY APPOINTMENTS:

1978-1979 Clinical Instructor, University of California, San Francisco, California  
1981-1983 Assistant Clinical Professor, University of California,  
San Francisco, California  
1983-1985 Assistant Professor in Residence, University of California,  
San Francisco, California  
1985-1987 Assistant Professor of Surgery, University of Pennsylvania,  
Philadelphia, Pennsylvania  
1987-1992 Associate Professor of Surgery, Oregon Health and Science University,  
Portland, Oregon  
1992-Present Professor of Surgery, Oregon Health and Science University,  
Portland, Oregon

HOSPITALS AND ADMINISTRATIVE APPOINTMENTS:

1978-1979	Staff Surgeon, Veterans Administration Medical Center, San Francisco, California
1979-1981	Staff Surgeon, Frankfurt Army Regional Medical Center, Frankfurt, West Germany
1981-1985	Staff Surgeon, Veterans Administration Medical Center, San Francisco, California
1985-1987	Staff Surgeon, Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania Staff Surgeon, Veterans Administration Medical Center, Philadelphia, Pennsylvania
1987- 1995	Staff Surgeon, Director of Surgical Education, and Associate Program Director, Department of Surgery, Oregon Health and Science University Hospital, Portland, Oregon Staff Surgeon, Veterans Administration Medical Center, Portland, Oregon
1988-1993	Assistant Dean of Curricular Affairs, School of Medicine, Oregon Health and Science University, Portland, Oregon
1992-Present	Vice-Chairman, Education, Department of Surgery, Oregon Health and Science University, Portland, Oregon
1995-Present	Program Director, Department of Surgery, Oregon Health and Science University, Portland, Oregon

SPECIALTY CERTIFICATION:

1979	American Board of Surgery
1988, 1997	Recertification, American Board of Surgery

LICENSURE:

1974	California
1985	Pennsylvania
1987	Oregon

AWARDS, HONORS AND MEMBERSHIP IN HONORARY SOCIETIES:

1971	Honorable Mention, Mead Johnson Award Student American Medical Association Scientific Forum, Galveston, Texas
1972	Dr. and Mrs. Joseph Fife Award in Surgery University of California, San Francisco, California
1978	Outstanding House Officer Teaching Award by Senior Medical Class University of California, San Francisco, California
1984	Outstanding Teacher Award for Surgery University of California Medical School San Francisco, California
1985	Outstanding Teacher Award for Surgery University of California Medical School San Francisco, California

- 1985 Kaiser Award for Excellence in Teaching  
University of California Medical School  
San Francisco, California
- 1987 Louis R. Dinon Award for Excellence in Teaching  
University of Pennsylvania Medical School  
Philadelphia, Pennsylvania
- 1989 William E. Baird Award for Teaching  
Oregon Health and Science University  
Portland, Oregon
- 1991 J. David Bristow Award  
Oregon Health and Science University  
Portland, Oregon
- 1996 ASE Outstanding National Teaching Award  
The Association for Surgical Education  
Philadelphia, Pennsylvania
- 2002 2001-2002 OHSU School of Medicine recipient  
of the Faculty Excellence in Education Award
- 2005 Recipient of the Parker J. Palmer Courage to Teach Award of the Accreditation Council  
for Graduate Medical Education
- 2006 OHSU GME Distinguished Service Award

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:

National Societies:

Alpha Omega Alpha  
Association for Surgical Education  
American College of Surgeons; Board of Governors, 2002-Present  
Society for Surgery of the Alimentary Tract  
Society American Gastrointestinal Endoscopic Surgeons; Board of Governors,  
1993 - 2000  
Association of Program Directors in Surgery  
American Society of Colon and Rectal Surgeons  
American Surgical Association

Regional Societies:

North Pacific Surgical Association  
Pacific Coast Surgical Association  
Oregon Chapter, American College of Surgeons (President, 1994)  
Northwest Society of Colon and Rectal Surgeons (President, 2001-2003)

Local Societies:

Western Gut Club  
Naffziger Surgical Society  
(Secretary-Treasurer 1983-85, President , 1995)  
Oregon Medical Association  
Multnomah County Medical Society  
Portland Surgical Society

Editorial Boards:

Archives of Surgery 1991-2004

NATIONAL/REGIONAL COMMITTEES:

National Board of Medical Examiners Part III MCQ Committee, 1986-1990  
Committee on Continuing Education, American College of Surgeons, 1987-1993  
American College of Surgeons SESAP VII MCI committee, 1988-1989  
American College of Surgeons SESAP 92-93 Committee, 1990-1991  
American College of Surgeons SESAP 94-95 Committee, 1992-1993  
American College of Surgeons SESAP 96-97 Committee, 1994-1995  
American College of Surgeons SESAP 98-99 Committee, 1996-1997  
American College of Surgeons SESAP 03-04 Committee, 2001-2002  
American College of Surgeons SESAP 07-08 Committee, 2005-2006  
Committee on Surgical Education in Medical Schools, American College of Surgeons, 1991-2001;  
Chair, 1995-1997  
Oregon Health and Science University's Dean's Delegate to the Group on Educational Affairs,  
Association of American Medical Colleges, 1989 - 1993  
Program Chair, Oregon Chapter meeting, American College of Surgeons, 1991, 1992, 1993  
Membership Committee, Society of American Gastrointestinal Endoscopic  
Surgeons, 1990 - 2002; Chair, 1993 - 1995  
Research Committee, Society of American Gastrointestinal Endoscopic Surgeons, 1991 -1995  
Board of Governors, Society of American Gastrointestinal Endoscopic Surgeons,  
1993-2000  
Special Study Section, National Institutes of Health, 1992  
Member, National Advisory Committee of the Robert Wood Johnson Clinical  
Scholars Program, 1998 – 2003  
Fiscal Affairs Committee, Board of Governors, American College of Surgeons, 2003-October 2005;  
Chair, 2006-Present  
Executive Committee of the ACS Board of Governors, elected May 2005  
Secretary, ACS Board of Governors, elected October 2006

ACADEMIC COMMITTEES AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO:

Core Clerkship Committee, School of Medicine

ACADEMIC COMMITTEES AT THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA:

Student Standards Committee, School of Medicine  
Curriculum Committee, School of Medicine  
Interviewing Panel for Admissions, School of Medicine  
Student Recommendation Committee '89, School of Medicine  
Subcommittee on Undergraduate Medical Education, School of Medicine

ACADEMIC COMMITTEES AT THE OREGON HEALTH AND SCIENCE UNIVERSITY:

Chairman, Curriculum Committee, 1988-93  
Ad Hoc Committee on Grading and Evaluation  
Curriculum Goals Subcommittee  
Chairman, Electives Subcommittee  
Promotion Board II  
Ad Hoc Committee on Use of Animals in Education  
Faculty Council, School of Medicine  
Promotion Board I, Academic Standing Committee  
Joint Conference Committee, Graduate Medical Education  
Promotion and Tenure Committee, 1997-2002  
Student Awards and Honors Committee, 2003-2007

OHSUMG Board, elected 2006

MAJOR TEACHING AND CLINICAL RESPONSIBILITIES AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO:

1. Director of Surgery 110 (core surgery clerkship) at the Veterans Administration Medical Center, San Francisco.
2. Teaching a section of physical diagnosis in surgery for the Introduction of Clinical Medicine (2nd year) course, School of Medicine, University of California, San Francisco, 4hrs/wk, 6 weeks Winter Quarter.
3. Lecture on surgery of the lower gastrointestinal tract to the Introduction of Clinical Medicine course, School of Medicine, University of California, San Francisco.
4. Chief, Proctology Clinic, Veterans Administration Medical Center, San Francisco, one afternoon/week.
5. Instructing senior surgical residents in fiberoptic endoscopy, Veterans Administration Medical Center, San Francisco, 1-2 mornings/week.
6. Supervising residents in operating room, Veterans Administration Medical Center, San Francisco, 2 days/week.
7. Director of follow-up program for patients after resection of colorectal cancer, Veterans Administration Medical Center, San Francisco, throughout the year.

MAJOR TEACHING AND CLINICAL RESPONSIBILITIES AT THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA:

1. Academic Coordinator, Department of Surgery
2. Clerkship Director, Surgery 200, Department of Surgery
3. Attending Surgeon, Hospital of the University of Pennsylvania, General Surgery Service

MAJOR TEACHING AND CLINICAL RESPONSIBILITIES AT THE OREGON HEALTH AND SCIENCE UNIVERSITY:

1. Director of Surgical Education, Department of Surgery, 1987-Present
2. Clerkship Director, Surgery 720, 721, Department of Surgery, 1987-2002
3. Attending Surgeon, University Hospital, 1987-present
4. Staff Surgeon, VA Medical Center, 1987-2002
5. Associate Program Director, Department of Surgery, 1987-1995
6. Assistant Dean for Curricular Affairs, School of Medicine, 1988-1993
7. Program Director, Department of Surgery, 1995-Present

BIBLIOGRAPHY

ORIGINAL PAPERS IN REFEREED JOURNALS:

**Deveney KE**, Way LW: Effect of fat in the duodenum on gastric acid secretion in cats. *Gastroenterology* 62:405, Mar 1972.

**Deveney KE**, Way LW: Effect of different absorbable sutures on healing of gastrointestinal anastomoses. *Am J. Sur* 133:86, Jan 1977.

Deveney CW, **Deveney KE**, Jaffe BM, Jones RS, Way LW: The use of calcium and secretin in the diagnosis of gastrinoma. *Ann Intern Med* 87:680, Dec 1977.

Deveney CW, **Deveney KE**, Way LW: Zollinger-Ellison syndrome - 23 years later. *Ann Surg* 188:384,1978.

Cello JP, **Deveney KE**, Trunkey DD, Heibron DC, Stoney RJ, Ehrenfeld WK, Way LW: Factors influencing

survival after therapeutic shunts: Results of a discriminate function and linear logistic regressions analysis. *Am J Surg* 141:257, 1981.

Deveney CW, Owen RL, **Deveney KE**, Reber HA, Way LW: Effect of acid secretory capacity and chronic endogenous hypergastrinemia on pancreatic secretion and intestinal morphology in the rat. *Dig Dis Sci* 28:65, 1983.

Deveney CW, **Deveney KE**, Stark D, Stein S, Way LW: Resection of gastrinomas. *Ann Surg* 198:546, 1983.

Bottles K, Sagebiel RW, McNutt NS, Jensen B, **Deveney KE**: Malignant eccrine poroma: Case report and review of the literature. *Cancer* 53:1579, 1984.

**Deveney KE**, Way LW: The follow-up of patients with colorectal cancer. *Am J. Surg* 148:717, 1984.

McCarthy SM, Barnes D, **Deveney KE**, Moss AA, Goldberg HI: Detection of recurrent rectosigmoid carcinoma: prospective evaluation of CT and clinical factors. *AJR* 144:577, 1985.

Gooding GAW, Linkowski GD, Deveney CW, **Deveney KE**, Pellegrini CA: Pseudocysts of the pancreas affecting the spleen: an intraoperative ultrasound experience. *AJR* 145:1013, 1985.

Weber CA, **Deveney KE**, Pellegrini CA, Way LW: Routine colonoscopy in the management of colorectal carcinoma. *Am J Surg* 152:87, 1986.

Deveney CW, Lurie K, **Deveney KE**: Improved treatment of intra-abdominal abscess. A result of improved localization, drainage, and patient care, not technique. *Arch Surg* 123:1126, 1988.

Pinson CW, Daya MR, Benner KG, Norton RL, **Deveney, KE**, et al: Liver transplantation for severe Amanita mushroom poisoning. *Am J Surg* 159:493, 1990.

DaRosa DA, Dunnington GL, Sachdeva AK, Feltovich J, Leapman SB, Cohen R, Folse JR, **Deveney KE**, Jacocks MA, McCarthy MC: A model for teaching medical students in an ambulatory surgery setting. *Acad Med* 1992 Oct; 67(10 Suppl): S45-7.

**Deveney K**: The early experience with laparoscopic cholecystectomy in Oregon. *Arch Surg* 128:627, 1993.

Jobe B, Grasley A, **Deveney KE**, Deveney CW, Sheppard B: Clostridium difficile colitis: An increasing hospital acquired illness. *Am J Surg* 169:480, 1995.

Torquati AV, Hwa V, Rutten MJ, Spagnoli A, Sheppard BC, Crass RA, **Deveney KE**, Deveney CW, Trunkey DD, Rosenfeld RG: Insulin-like growth factor (IGF) and IGF binding protein-3 protease system regulate the proliferation of human gastric epithelial cells. *Surgical Forum*, 67: 128-130, 1996.

Farahmand M, Deveney CW, **Deveney KE**, Crass RA, Sheppard BC, McConnell DB: Gastrectomy for Complications of Bariatric Procedures. *Obes Surg* 6(4):351-355, 1996.

Deveney CW, L Rand-Luby, MJ Rutten, CA Luttrupp, WM Fowler, J Land, CL Meichsner, M Farahmand, BC Sheppard, RA Crass, and **KE Deveney**. Establishment of human colonic epithelial cells in long-term culture. *J. Surgical Res.*, 64:161-169, 1996.

Rutten MJ, DR Campbell, CA Luttrupp, WM Fowler, MA Hawkey, CR Boland, ER Krauss, BC Sheppard, RA Crass, **KE Deveney**, and CW Deveney. A method for the isolation of human gastric mucous epithelial cells for primary cell culture; A comparison of biopsy vs. surgical tissue. *Methods In Cell Science*, 18:269-281, 1996.

Rutten MJ, DR Campbell, CA Luttrupp, WM Fowler, MA Hawkey, CR Boland, ER Krauss, BC Sheppard, RA

Crass, **KE Deveney**, and CW Deveney. A method for the isolation of human gastric mucous epithelial cells for primary cell culture; A comparison of biopsy vs. surgical tissue. *Methods In Cell Science*, 18:269-281, 1996.

Farahmand M, Sheppard BC, Deveney CW, **Deveney KE**, Crass RA: Long-term outcome of completion gastrectomy for nonmalignant disease. *J Gastrointestinal Surg* 1: 182-7, 1997.

Greenman SB, MJ Rutten, WM Fowler, L Scheffler, L Shortridge, B Brown, BC Sheppard, **KE Deveney**, CW Deveney, and DD Trunkey. Herbicide/Pesticide effects on intestinal epithelial growth. *Environmental Res*, Oct;75(1):85-93, 1997.

Rutten MJ, Bacon KD, Marlink KL, Stoney M, Meichsner CL, Lee FP, Hobson SA, Rodland KD, Sheppard BC, Trunkey DD, **Deveney KE**, Deveney CW. Identification of a Functional Ca<sup>2+</sup> - Sensing Receptor in Normal Human Gastric Mucous Epithelial Cells. *Am J Physiol*. 277: G662-G670, 1999.

Sheppard BC, MJ Rutten, CL Meichsner, MA Hawkey, PO Leonetti, J Land, RC Crass, DD Trunkey, **KE Deveney**, and CW Deveney. Effects of Taxol on the Growth of Normal and Cancerous Intestinal Epithelial Cells. *Cancer*, 85(7):1454-1464, 1999.

Whiteford, MH, Stevens KR Jr., Oh S, **Deveney KE**. The evolving treatment of anal cancer: How are we doing? *Arch of Surg*. 136(8): 886-891, 2001 Aug.

Morris KT, Kavanagh M, Hansen P, Whiteford MH, **Deveney K**, Standage B. The rational use of computed tomography scans in the diagnosis of appendicitis. *Am J of Surg*. 183(5): 547-50, 2002 May.

Domreis JS, Jobe BA, Aye RW, **Deveney KE**, Sheppard BC, Deveney CW. Management of long-term failure after colon interposition for benign disease. *Am J of Surg*. 183(5): 544-6, 2002 May.

Morris A, BA Jobe, M Stoney, BC Sheppard, CW Deveney, **KE Deveney**. Clostridium difficile colitis: an increasingly aggressive iatrogenic disease? *Arch of Surg* 2002; 137 (10): 1096-1100.

Deveney KE. Oregon Health & Science University. *Archives of Surgery*. 139(6): 584-5, 2004 Jun.

Hoda K, Collins J, Knigge K, Deveney K. Predictors of pouchitis following ileal pouch anal anastomosis: A retrospective review; accepted for publication by *Diseases of the Colon and Rectum*.

#### ORIGINAL PAPERS IN NON-REFEREED JOURNALS:

Reber HA, Johnson F, **Deveney KE**, Montgomery C, Way LW: Trophic effects of gastrin on the exocrine pancreas in rats. *J Surg Res* 22:554, May, 1977.

Castle L, Deveney CW, **Deveney KE**, Way LW: Gastric and intestinal contributions to gastric acid secretion. *Surg Forum* 29:388, Oct 1978.

Deveney CW, **Deveney KE**: Medical treatment of peptic ulcers. *Surgery Annual* 7:219, 1985.

Deveney CW, **Deveney KE**: Zollinger-Ellison Syndrome (Gastrinoma): Current diagnosis and treatment. *Surg Clin N Amer* 67:411, 1987.

**Deveney K**: Reporting results of laparoscopic procedures: The state-wide registry approach. *SCNA* 76:623, 1996.

**Deveney K**: Ideal presurgical preparation for the elderly asthmatic. *Immunology and Allergy Clinics of N. Amer: Treatment of Asthma and Allergic Disease in the Elderly*, W.B. Saunders Co., Philadelphia, 1997.

Keenan E, V Fields, **K Deveney**, JS Reinschmidt, and J Bloom. The Reports, United. Oregon Health Sciences University School of Medicine. Academic Medicine, 75(9): S306-S307, 2000.

J Collins, C Corless, **K Deveney**. Pouchitis. Clinical Perspectives in Gastroenterology, 5 (3): 156-161, 2002.

Hunter J, **Deveney K**. Training the rural surgeon: A proposal. American College of Surgeons Bulletin 88 (5): 13-17, 2003 May.

Deveney K. Governors' Committee to Study the Fiscal Affairs of the College: An update. American College of Surgeons Bulletin 92 (10): 26-28, 2007 Oct.

#### EDITORIALS/COMMENTARY/OTHER:

**Deveney KE**. Invited Commentary: Dresler CM, Padgett DL, Mackinnon SE, Patterson GA. Experiences of women in cardiothoracic surgery: a gender comparison. Arch Surg 1996; 131: 1135.

**Deveney K**. A tale of two wars. Arch of Surg. 133 (7): 776, 1998 July.

#### CHAPTERS:

Multiple-choice examinations (Chapter 1) in Manual of Evaluation Techniques for Medical Students, Committee on Testing and Evaluation, Association for Surgical Education, 1987.

Lumbar, obturator, and spigelian hernias in Cameron J (Ed), Current Surgical Therapy, B.C. Decker Inc., Toronto, Canada, 1989.

Endoscopic gastrostomy and jejunostomy in Rombeau J, Clinical Nutrition Vol. I: Enteral and Tube Feeding, W.B. Saunders, Philadelphia, PA, 1990.

Laparoscopic approach to small bowel and appendix in Andrus C.H.(Ed.), Minimally Invasive Surgery: Principles and Outcomes, Harwood Academic Publishers, 1998..

Laparoscopic surgery of the small bowel in Eubanks W (Ed.), Mastery of Endoscopic and Laparoscopic Surgery, Lippincott Williams and Wilkins, Philadelphia, PA, 2000.

Hernias and other lesions of the abdominal wall (Chapter 33) in Way, L.W. and Doherty GM (Eds.), Current Surgical Diagnosis and Treatment, Lange Medical Books/McGraw-Hill, New York NY, 11th Ed 2003.

Clostridium Difficile Colitis in Cameron JL (Ed), Current Surgical Therapy, Elsevier, 9<sup>th</sup> Ed 2006.

#### ABSTRACTS:

**Deveney KE**, Way LW: The effect on gastric acid secretion of different chain lengths of fatty acids in the duodenum. Gastroenterology 68:1009, 1975.

**Deveney KE**, Way LW: Effect of antral exclusion and antrectomy on the gastrin response to feeding in rats. Gastroenterology 70:877,1976.

Way LW, Clark OH, Deveney CW, **Deveney KE**, Jones S, Jaffe B: Calcium and secretin tests in diagnosis of gastrinoma. Gastroenterology 70:968, 1976.

Way LW, Clark OH, Deveney CW, **Deveney KE**, Deftos L: Relationship of primary hyperparathyroidism to peptic disease. Gastroenterology 70:975, 1976.

Deveney CW, **Deveney KE**, Reber HA, Way LW: Trophic effects of chronic hypergastrinemia in the rat.

Gastroenterology 72:1048, 1977.

Owen RL, Deveney CW, **Deveney KE**, Way LW: Morphologic alterations in rats with chronic endogenous hypergastrinemia. Clin Res 26:112A, 1978.

**Deveney KE**, Blankenberg F, Deveney CW, Way LW: Effect of cholecystokinin (CCK) and soybean trypsin inhibitor (SBTI) on structure and function of the rat pancreas. Gastroenterology 88:1363, 1985.

**Deveney KE**, Trunkey DD: Increasing teaching of surgery in the ambulatory setting. Focus on Surgical Education 7:14, 1990.

Rutten MJ, Plowman GD, Dempsey PJ, Luttrupp CA, Sheppard BC, Crass RA, **Deveney KE**, Deveney CW, Coffey RJ: Growth effects of amphiregulin on primary cultures of guinea pig gastric mucous epithelial cells. Presented at The American Gastroenterological Association Symposium on "Peptide Growth Factors in the GI Tract", Vail, CO, June 25-29, 1994.

Rutten MJ, Land J, Dempsey PJ, Luttrupp CA, **Deveney KE**, Deveney CW, Coffey RJ: Effects of TGF-alpha and EGF on intracellular Inositol 1,4,5-Trisphosphate (IP<sub>3</sub>) and Ca<sup>2+</sup> levels in cultured guinea pig gastric mucous epithelial cells. Gastroenterology 104:A-616, #2462, 1994.

Land J, Rutten MJ, Luttrupp CA, Sheppard BC, Deveney CW, **Deveney KE**: EGF- and TGF-alpha-stimulation of Inositol (1,4,5)-Trisphosphate (IP<sub>3</sub>) in cultured IC-6 cells and normal human colonic cultures. FASEB J 8:A62(361), 1994.

Meichsner CL, Rutten MJ, Leonetti PO, Luttrupp CA, Sheppard BC, **Deveney KE**, Deveney CW, Trunkey DD: Effects of taxol on the growth of normal and cancerous intestinal epithelial cells. FASEB J 8:A63(363), 1994.

Rand-Luby LB, Rutten MJ, Luttrupp CA, Gordon MD, Sheppard BC, Crass RC, Deveney CW, **Deveney KE**: The establishment and characterization of a human familial adenomatous polyposis cell line. National Medical Association (Presented July, 1995).

Deveney CW, Rand-Luby LB, Rutten MJ, Luttrupp CA, Fowler WM, Land J, Meichsner CL, Farahmand M, Sheppard BC, Crass RA, **Deveney KE**: Establishment of human colonic epithelial cells in long-term culture. Association for Academic Surgery, 1995 (Presented November, 1995).

Farahmand M, Rutten MJ, Rand-Luby L, Fowler WM, Meshul C, Allen C, Meichsner CM, Skourtis ME, Land J, Sheppard BC, Crass RA, **Deveney KE**, Deveney CW: Dimethyl sulfoxide and sodium butyrate induce differentiation and alter growth of human colonic polyposis cells. Gastroenterology 110:A801, 1996.

Torquati, A, V Hwa, MJ Rutten, A Spagnoli, BC Sheppard, RA Crass, **KE Deveney**, CW Deveney, DD Trunkey, and RG Rosenfeld. Insulin-like growth factor (IGF) and IGF binding protein-3 protease system regulate the proliferation of human gastric epithelial cells. Surgical Forum 67:128-130, 1996.

Eshraghi, N, MJ Rutten, CL Meichsner, ME Skourtis, DL Graham, KE Stokes, WM Fowler, BC Sheppard, RA Crass, **KE Deveney**, and CW Deveney. Rat intestinal submucosa provides a suitable matrix for growth and differentiation of normal human colonic epithelial cells. FASEB J. 11:A537, 1997.

Soot S, MJ Rutten, CL Meichsner, J Land, KD Bacon, BC Sheppard, RA Crass, **KE Deveney** and DW Deveney. EGF and TGF increase intracellular Ca<sup>2+</sup> and inositol-trisphosphate in normal human colonic epithelial cells. FASEB J. 12:A369, 1998.

Sheppard BC, CL Meichsner, MJ Rutten, J Land, KD Bacon, RA Crass, DD Trunkey, **KE Deveney**, and CW Deveney. Effects of Taxol on the Growth of Normal, Polyposis, and Cancerous Human Colonic Epithelial Cells. FASEB J. 12:A736, 1998.

Bacon KA, MJ Rutten, DL Graham, J Engstrom, BC Sheppard, RA Crass, **KE Deveney**, DD Trunkey, EM Wilson, V Hwa, Y Oh, RG Rosenfeld, and CW Deveney. Retinoic acid induces differentiation and the expression of insulin-like binding protein-7 (IGFBP-7) in human gastric cancer cells. *Gastroenterol.* 114:865, #3548, 1998.

Rutten MJ, KD Bacon, S Soot, CL Meichsner, RA Crass, **KE Deveney**, FP Lee, SA Hobson, KD Rodland, CW Deveney and BC Sheppard. Cell proliferation affects the expression of an extracellular  $Ca^{2+}$ -sensing receptor ( $CaR_0$ ) in human normal and cancerous gastric epithelial cells. *Gastroenterol.* 114:1176, #4811, 1998.

Soot S, MJ Rutten, KD Bacon, CL Meichsner, BC Sheppard, RA Crass, **KE Deveney**, FP Lee, SA Hobson, CW Deveney and KD Rodland. Changes in extracellular  $Ca^{2+}$ -sensing receptor ( $CaR_0$ ) expression in colon epithelial proliferation. *Gastroenterol.* 114:1182, #4835, 1998.

Rutten MJ, KD Bacon, KL Marlink, CL Meichsner, BC Sheppard, RA Crass, M So, **KE Deveney**, and CW Deveney. Intact H. Pylori and soluble factors produce different intracellular  $Ca^{2+}$  signaling events in human normal and cancerous gastric cells. *Gastroenterol.* 116:A296, #G1301, 1999.

Rutten MJ, KL Marlink, KD Bacon, M Stoney, BC Sheppard, DD Trunkey, KD Rodland, **KE Deveney**, and CW Deveney. Bismuth subsalicylate alters intracellular  $Ca^{2+}$  in cultures of normal and cancerous human gastric cells. *Gastroenterol.* 116:A297, #G1302, 1999.

Rutten MJ, LK Marlink, KD Bacon, M Stoney, BC Sheppard, RA Crass, DD Trunkey, FP Lee, S Hobson, KD Rodland, **KE Deveney**, and CW Deveney. Bismuth subsalicylate has opposite effects on the growth of cultured normal and cancerous human gastric epithelial cells. *Gastroenterol.* 116:A296, #G1300, 1999.

Rutten MJ, S Azar, KD Bacon, K Miles, KL Marlink, BC Sheppard, RA Crass, DD Trunkey, **KE Deveney**, and CW Deveney. Insulin mediates epidermal growth factor (EGF) and transforming growth factor-alpha (TGF) proliferation of normal human gastric mucous epithelial cells through phosphatidylinositol 3-kinase. *Gastroenterol.* 118(4):A553, #2906, 2000.

Gilster JC, MJ Rutten, KD Bacon, KL Marlink, FP Lee, KD Rodland, BC Sheppard, RA Crass, **KE Deveney**, and CW Deveney. Long-term proliferative effects of bismuth subsalicylate are independent of a functional calcium-sensing receptor. *Gastroenterol.* 118(4):A71, #555, 2000.

#### BOOK REVIEWS:

Invited commentary, "Endoscopic Surgery", *Journal of Vascular Surgery* 15:735, 1992.

The Woman in the Surgeons Body@, *Archives of Surgery* 135:873, 2000.

#### PRINCIPAL INVESTIGATOR OF GRANTS:

Control Mechanisms and Role of CCK in Gallbladder Contraction, Pancreatic Secretion, and Satiety, Academic Senate of University of California, San Francisco, FY 1983-1985, \$4,814.00

The Role of Cholecystokinin (CCK) in Gallbladder and Pancreatic Function and Satiety, VA Merit Review, 1984-1985, \$30,000.00/yr.

Effect of VMH Ablative Lesions with and without Vagotomy on Pancreatic Acinar Function, Cholecystokinin Levels, and Satiety, University of Pennsylvania Research Foundation, 1985-1986, \$3,000.00

IBM Threshold Grant for Core Curriculum in Surgery, 1985-1986, School of Medicine, University of Pennsylvania, \$15,657.00

SAGES Research Grant, A State-Wide Registry for Comparison of Outcomes after Laparoscopic and Open Anti-reflux Procedures and Colectomies for Cancer, 1994-95, \$10,000

OTHER GRANT SUPPORT:

Co-investigator (0.25 FTE), Curriculum Review and Revision grant to Oregon Health and Science University School of Medicine from Charles E. Culpeper Foundation, \$300,000, 1988-91.

Co-investigator, Robert Wood Johnson Foundation Planning Grant: Preparing Physicians for the Future, a Program in Medical Education, to Oregon Health and Science University School of Medicine, \$150,000, 1990-91; Implementation Grant, \$4,000,000, 1992-95.

PRESENTATIONS/LECTURES BY INVITATION:

Jan. 3-7, 1984

"The Follow-up of Patients with Colorectal Cancer"  
"Clinical Significance of Duodenal Diverticulum"  
Gut Update, Lake Tahoe, California

Feb. 2-3, 1984

"Role of Polypectomy and Colonoscopy in Therapy of Colon Cancer."  
Ogden Surgical Society, Ogden, Utah

April 21-23, 1984

"The Follow-up of Patients with Colorectal Cancer"  
Southwest Surgical Congress Meeting, Honolulu, Hawaii

Jan. 7-11, 1985

"Presentation and Management of Colovesical Fistulas"  
"Management of Colon Cancer Metastases to the Liver."  
Gut Update, Lake Tahoe, California

March 9-16, 1985

"Who Should Perform Gastrointestinal Endoscopy?"  
"Surveillance of Patients after Colon Resection for Carcinoma."  
Decisions in Surgery, Snow Mass, Colorado

April 17-20, 1985

"Student Evaluation of Lecture and Performance in a Surgical Clerkship."  
Association for Surgical Education Meeting, Toronto, Canada

May 3, 1985

"Postoperative Care. What Matters?"  
Decisions in Surgery, San Francisco, California

September, 1985

"Abdominal Trauma"  
University of Pennsylvania Emergency Medicine Conference  
Philadelphia, Pennsylvania

November 22, 1986

"Colon Polyps and Cancer"  
Medical College of Pennsylvania, Philadelphia, Pennsylvania

January 6, 1987

"The Follow-up of Colon Cancer"  
Philadelphia Academy of Surgeons, Philadelphia, Pennsylvania

February 27, 1987

"Results of Colonoscopy in Patients with Colon Cancer"  
York Hospital, York, Pennsylvania

April 13, 1987

"The Follow-up of Colon Cancer"  
Pennsylvania Hospital, Philadelphia, Pennsylvania

May 6, 1987

"The Follow-up of Colon Cancer"  
Graduate Hospital, Philadelphia, Pennsylvania

- March 3, 1988  
"Surgery for Ulcerative Colitis"  
General Surgery Postgraduate Course, Portland, Oregon
- March 4, 1988  
"Surgical Endoscopy"  
General Surgery Postgraduate Course, Portland, Oregon
- May 23, 1988  
Opening Pandora's Box: The Libby Zion Case"  
Department of Surgery Grand Rounds, Portland, OR
- April 8, 1989  
"Surgical Options for Premalignant Colon Diseases"  
New Horizons in Gastroenterology for the Gastroenterologist  
Gleneden Beach, Oregon
- June 14, 1989  
"Curriculum Review and Revision Process at Oregon Health and Science University"  
Society for Directors in Research in Medical Education, Monterey, CA
- January 19-20, 1990  
"Surgical Options in Therapy of Ulcerative Colitis"  
"Monoclonal Antibodies in Diagnosis and Management of Colon Cancer"  
"Splenic Vein Thrombosis@  
Postgraduate Course, Department of Surgery  
University of California, Davis
- April 7, 1990  
"Increasing Teaching of Surgery in the Ambulatory Setting"  
Association for Surgical Education, Dallas, TX
- April 19, 1990  
"Surgical Education: Past, Present, and Future"  
General Surgery Postgraduate Course,  
University of New York, Buffalo, NY
- May 17-18, 1990  
Faculty, "Educating Professionals in Injury Control"  
Education Development Center, Inc., Boston, MA
- October 8-10, 1990  
Faculty, Postgraduate Course, SESAP VII  
American College of Surgeons, San Francisco, CA
- January 14, 1991  
"Laparoscopic Cholecystectomy"  
Grand Rounds, Mercy Medical Center, Roseburg, OR
- March 1, 1991  
"Laparoscopic Surgery: Implications for General Surgery Training"  
General Surgery Post-Graduate Course, Portland, Oregon
- March 9, 1991  
"Alternative Procedures for Inflammatory Bowel Disease"  
"Laparoscopic Cholecystectomy"  
Crohn's and Ulcerative Colitis Support Group, Lincoln City, Oregon
- April 4, 1991  
"Improving Evaluation of Medical Student Problem Solving Using Objective, Reliable Essay Questions"  
Association for Surgical Education annual meeting, Welches, Oregon
- September 11-14, 1991  
Faculty, "SAGES Training the Trainers"  
Society of American Gastrointestinal Surgeons  
East Carolina School of Medicine, Greenville, NC
- October 11, 1991

- "Contemporary Surgical Management of Inflammatory Bowel Disease"  
Academic Issues and Challenges in Surgery, Portland, OR
- November 4, 1991  
"Surgery for Ulcerative Colitis: Results of Ileoanal Procedures"  
Department of Surgery Grand Rounds, Portland, OR
- March 6, 1992  
"Extracolonic Manifestations of Colonic Polyposis"  
Oregon Health and Science University  
Surgery Postgraduate Course, Portland, Oregon
- March 28, 1992  
"Surgical Aspects of Inflammatory Bowel Disease"  
Crohn's and Ulcerative Colitis Support Group, Bend, Oregon
- June 10, 1992  
"New Procedures in Ostomy Surgery"  
Ostomy Care Conference, Medford, Oregon
- August 18, 1992  
"Small Group Interactive Teaching"  
Department of Family Medicine Faculty Development Session  
Portland, Oregon
- September 18, 1992  
"Training and Credentialing in Laparoscopic Surgery"  
Laparoscopic Surgery Course  
Woodland Park Hospital, Portland, Oregon
- January 25, 1993  
"Operations for Colorectal Cancer"  
Radiation Therapy Division  
Oregon Health and Science University, Portland, Oregon
- January 25, 1993  
"Women in Surgery"  
Association of American University Women, Gresham, Oregon
- February 22, 1993  
"Anorectal Problems"  
24th Annual Family Practice Review  
Portland Hilton Hotel, Portland, Oregon
- March 5, 1993  
"Privileging for Laparoscopic Procedures"  
Oregon Health and Science University  
Surgery Postgraduate Course, Portland, Oregon
- April 15 - 16, 1993  
"Splenic Vein Thrombosis"  
"Management of Patients after Resection of Colon Cancer"  
"Factors Influencing Recurrence of Incision Hernias"  
University of California, San Francisco  
Surgery Postgraduate Course, San Francisco, California
- August 26-28, 1993  
"Factors Associated with Pouchitis in Patients after Colectomy and Ileoanal Procedure"  
"Management of Ileoanal Anastomotic Stricture"  
Northwest Society of Colon and Rectal Surgeons, Annual Meeting  
Coeur d'Alene, Idaho
- October 12, 1993  
"Undergraduate Surgical Education: Is Curriculum Change Essential?"

- Moderator, Panel Discussion  
American College of Surgeons, San Francisco, California
- February 14, 1994  
"Anorectal Problems"  
25th Annual Family Practice Review, Portland, Oregon
- March 4, 1994  
"Laparoscopic Cholecystectomy: Complications and Literature Review"  
Oregon Health and Science University  
Surgery Postgraduate Course, Portland, Oregon
- July 13, 1994  
"Laparoscopic Surgery: Where are we Going?"  
Medical Grand Rounds, Providence Hospital, Portland, Oregon
- February 6, 1995  
"Anorectal Diseases"  
Family Medicine Update, Portland, Oregon
- February 10, 1995  
"Modern Surgical Therapy in Inflammatory Bowel Disease"  
Grand Rounds - Good Samaritan Hospital, Corvallis, Oregon
- April 10, 1995  
Results of Ileoanal Procedures@  
Grand Rounds - Oregon Health and Science University, Portland, Oregon
- August 18, 1995  
A Method of Parastomal Hernia Repair Using Mesh@  
Northwest Society of Colon and Rectal Surgeons Annual Meeting  
Sunriver, Oregon
- September 30, 1995  
The Follow-up of Patients after Curative Resection of Colon Cancer@  
Grand Rounds, University of Colorado, Department of Surgery  
Denver, Colorado
- October 24, 1995  
Panelist at Postgraduate Course on SESAP  
American College of Surgeons Clinical Congress, New Orleans, LA
- November 16, 1995  
Descent from the Ivory Tower: Adapting Medical Education to Changes in Health Care@  
Alfred A. Strauss Lecture, University of Washington, Seattle, Washington
- August 18, 1996  
A Method of Parastomal Hernia Repair Using Mesh@  
NW Colon and Rectal Surgeons Annual Meeting  
Whistler Resort, British Columbia, Canada
- October, 1996  
Safe Monitoring of Patients for Endoscopic Procedures@  
ACS Clinical Congress, Postgraduate Course, Ambulatory Surgery
- April 11, 1997  
Results of Laparoscopic Registry@  
SAGES Meeting, Philadelphia, Pennsylvania
- November 1, 1997  
Teaching in Surgery: Making Every Minute Count@  
Visiting Professor, University of North Carolina  
Chapel Hill, North Carolina
- February 9-13, 1998  
Visiting Professor, Tripler Medical Center  
Three lectures, mock orals, surgery attending on wards and in O.R.

- Honolulu, Hawaii
- April 15-16, 1998  
Keynote speaker for the city-wide Surgery Visiting Professor Program and Surgical Grand Rounds  
\*Surgical Management of Ulcerative Colitis  
\*Diagnosis and Management of C. difficile Colitis  
Butterworth Hospital, Blodgett Memorial Medical Center and St. Mary Health Center, Grand Rapids, Michigan
- August 13, 1998  
Unusual Late Complications of Ileoanal Pouch Procedures@  
Northwest Colon and Rectal Surgeons Meeting, Sunriver, Oregon
- October 27, 1998  
Panelist at Postgraduate Course on SESAP, Clinical Congress, Orlando, Florida
- May 9-10, 2000  
Diagnosis and Management of C. difficile Colitis  
Adjuvant Therapy for Rectal Cancer  
Visiting Professor, University of Utah  
Salt Lake City, Utah
- October 26, 2000  
Latest and Greatest in Ileoanal Procedures@  
Skinsation >00, Continuing Nursing Education Program  
Portland, Oregon
- August, 2002  
Factors Influencing Success of Ileal Pouch-Anal Anastomosis in Patients with Ulcerative Colitis and Sclerosing Cholangitis  
Northwest Society of Colon and Rectal Surgeons  
Sunriver, OR
- March 2-4, 2004  
Current Management of Anorectal Problems  
Visiting Professor, University of Colorado Post Graduate Course  
Breckenridge, Colorado
- May 12-15, 2004  
Current Management of Rectal Cancer  
It's Not Your Father's Oldsmobile: Surgical Education for the 21<sup>st</sup> Century  
Visiting Professor, University of Kentucky  
Lexington, Kentucky
- October 12, 2004  
Clostridium Difficile Colitis, Colorectal Postgraduate Course  
ACS Clinical Congress  
New Orleans, LA
- March 17-19, 2005  
Postgraduate Course in General Surgery:  
Adapting Surgical Education to the 80 Hour Work Week  
Managing the Cirrhotic Who Needs Abdominal Surgery  
Clinical Guidelines for the Treatment of Colorectal Cancer  
University of California, San Francisco  
San Francisco, CA
- May 22-24, 2005  
Rural Surgery Symposium  
Mithoefer Center for Rural Surgery  
Cooperstown, NY

POSTER PRESENTATIONS:

October 28 - November 1, 1989

"Curriculum Review Process, Oregon Health and Science University"  
Association of American Medical Colleges, Washington, D.C.

April 4-7, 1990

"Increasing Medical Student Knowledge by Introducing Injury Prevention into a Surgical Clerkship"  
Association for Surgical Education, Dallas, TX

April 4-6, 1991

"Timing and Reasons for Career Choice: Has Controlled Life-style Taken Over?"  
Association for Surgical Education, Welches, OR

April 25, 1994

EFG- and TGF -stimulation of inositol (1,4,5)-triphosphate (IP<sub>3</sub>) in cultured IEC-6 cells and normal human colonic cultures AndEffects of taxol on growth of normal and cancerous intestinal epithelial cells@  
FASEB, Anaheim, CA

May, 1996

Dimethyl sulfoxide and sodium butyrate induce differentiation and alter growth of human colonic polyposis cells@  
American Gastroenterological Association  
San Francisco, CA

May, 2000

Insulin mediates epidermal growth factor (EGF) and transforming growth factor-alpha (TGF) proliferation of normal human gastric mucous epithelial cells through phosphatidylinositol 3-kinase.  
American Gastroenterological Association  
San Diego, CA

May, 2000

Long-term proliferative effects of bismuth subsalicylate are independent of a functional calcium-sensing receptor.@  
American Gastroenterological Association  
San Diego, CA

June, 2002

Factors Influencing Success of Ileal Pouch-Anal Anastomosis in Patients with Ulcerative Colitis and Sclerosing Cholangitis  
American Society of Colon and Rectal Surgeons  
Chicago, IL

May, 2003

H Pylori Induces Phosphorylation of PYK2 that is associated with Paxillin in Normal Human Mucous Epithelial Cells  
Digestive Disease Week  
Orlando, Florida

#### OTHER PRESENTATIONS:

April 18, 1995

Results of Ileoanal Procedures@  
Grand Rounds, Oregon Health and Science University, Portland, OR

November 5, 1996

Ileoanal Procedures@  
Med-Surg GI Conference, Oregon Health and Science University  
Portland, OR

February 11, 1997

Anorectal Problems@

- Family Medicine Review Course (CME)  
Oregon Health and Science University, Portland, OR
- March 7, 1997  
Surgical Management of Crohn's Disease@  
Oregon Health and Science University, Postgraduate Course  
(CME, regional audience), Portland, OR
- April 30, 1997  
Surgery for Ulcerative Colitis@  
Good Samaritan Hospital and Medical Center, Grand Rounds  
Portland, OR
- October 4, 1997  
Surgery for Ulcerative Colitis@  
Oregon Gut Club
- October 25, 1997  
Rural Surgery Needs in Oregon@  
Rural Health Conference, Newport, OR
- April 25, 1998  
Surgery for Inflammatory Bowel Disease@  
Oregon Crohn's and Ulcerative Colitis Support Group, Salem, OR
- June 2, 1998  
Aims and Ideals of AOA@  
Oregon Health and Science University, AOA Annual Banquet  
Portland, OR
- October 19, 1998  
Outcomes of Surgery for Ulcerative Colitis@  
Sacred Heart Hospital, Eugene, OR
- October 27, 1998  
SESAP Postgraduate Course@  
ACS Clinical Congress  
Orlando, Florida
- March 20, 1999  
Surgical Education@  
UCSF Department of Surgery Education Conference  
San Francisco, CA
- February 3, 2001  
Women in Surgery@  
Annual AMWA Meeting  
Oregon Health and Science University  
Portland, OR
- February 7, 2001  
Common Anorectal Diseases@  
Emergency Medicine Grand Rounds  
Oregon Health and Science University  
Portland, OR
- March 1, 2001  
Clostridium difficile Colitis@  
Surgical Grand Rounds  
Providence-St. Vincent Hospital  
Portland, OR
- November 16, 2002  
Recognition and Treatment of C. difficile Colitis@  
Grand Rounds  
Salem Memorial Hospital  
Salem, OR

February 7-8, 2006

Adapting Surgical Education to the 80 Hour Work Week

Grand Rounds

Naval Medical Center

San Diego, CA