BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
Welton, Mark Lane	Associate Professor of Surgery

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University of California, Davis	B.S. (Honors)	1979	Human Development
University of California, Los Angeles	M.D.	1984	Medicine

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors.

Intern in Surgery UCLA School of Medicine
1984-85
Resident in General Surgery UCLA School of Medicine
1985-86, 1988-90
Chief Resident, General Surgery UCLA School of Medicine
1990-91
Fellow, Colon & Rectal Surgery Washington University
1992-93
Research Fellow, GI Research
VA Wadsworth Med. Center, LA
1986-88
Visiting Research Fellow to the GI Res.
Laboratory of Dr. Haile Debas U of Washington, Seattle
Nov-Dec 1986
Registrar To Mr. Tom Balfour
GI Surgery Service City Hospital, Nottingham, England
July-Sept 1989
Registrar to Mr. Brian Hopkinson
Vascular Surgery Service Queens Hospital, Nottingham, England
Oct-Dec 1989
Clinical Instructor Division of General Surgery
University of California, LA-SOM
1991-92
Staff Surgeon VA-Wadsworth Medical Center-LA
1991-92
Assistant Prof. of Surgery in Residence UC San Francisco SOM
1993-99

Staff Surgeon, Fort Miley VA Hospital 1994-2001	San Francisco, CA
Staff Surgeon, Mt. Zion Hospital 1994-2001	San Francisco, CA
Staff Surgeon, San Francisco Gen Hosp. 1994-2001	San Francisco, CA
Associate Prof. of Surgery in Residence, 1999-2001	UCSF SOM
Associate Professor of Surgery 2001-present	Stanford University, SOM
Chief, Colorectal Surgery Service 2001-present	Stanford University, SOM
Staff Surgeon, Palo Alto VA Hosp. 2001-present	Palo Alto, CA

Other Experience and Professional Memberships

American Medical Association
1992-present
Crohn's and Colitis Foundation of America
1993-present
Northern California Society of Colon and Rectal Surgeons
1993-present
Naffziger Surgical Society
1994-present
Cancer Registry, Founding Member
1995-present
Association for Academic Surgery
1994-present
American Society of Colon and Rectal Surgeons
1994-present
Society for Surgery of the Alimentary Tract
1995-present
Collegium Internationale Chirugiae Digestivae
1995-present
Association of North America Inherited Colorectal
Cancer Registry, Founding Member
1995-present
San Francisco Surgical Society
1997-present
Cancer and Leukemia Group B
1997-present
Pacific Coast Surgical Association
1998-present
Northern CA. Chapter, American College of Surgeons
1998-present
Society of University Surgeons
2001-present

Honors

BS, High Honors, UC Davis
1979

Phi Kappa Phi, UC Davis
1979
Alpha Omega Alpha, UCLA School of Medicine
1984
Young Researcher Award, Research Foundation of the American Society of Colon & Rectal Surgeons
1998
Distinguished Physician Award, Crohn's and Colitis Foundation of America
1998
Best Basic Science Paper Presented to the National Meeting of the American Society of Colon and Rectal Surgeons
1999

B. Selected peer-reviewed publications (in chronological order).

Publications

1. Pappas TN, **Welton ML**, Debas HT, Rivier J, Tache Y: Corticotropin-releasing factor inhibits gastric emptying in dogs: studies on its mechanism of action. Peptides, 1987 Nov-Dec, 8(6):1011-1014.
2. Mantyh CR, Gates TS, Zimmerman RP, **Welton ML**, Passaro EP Jr, Vigna SR, Maggio JE, Kruger L, Mantyh PP: Receptor binding sites for substance P but not substance K or neuromedin K, are expressed in high concentration, by arterioles, venules, lymph nodules in surgical specimens obtained from patients with ulcerative colitis and Crohn's disease. Proceedings of National Academy of Sciences of United States of America, 1988, May, 85(9):3235-9.
3. **Welton ML**, Passaro EP Jr: Receptors. American Journal of Surgery, 1988, Sept 156, (3Pt 1): 217-23.
4. Gates TS, Zimmerman RP, Mantyh CR, Vigna SR, Maggio JE, **Welton ML**, Passaro EP Jr, Mantyh PP: Substance P and substance K receptor binding sites in the human gastrointestinal tract: localization by autoradiography. Peptides, 1988, Nov-Dec, 9(6):1207-19.
5. Mantyh PP, Catton MD, Boehmer CG, **Welton ML**, Passaro EP Jr, Maggio JE, Vigna SR: Receptors for sensory neuropeptides in human inflammatory diseases: implications for the effect on roles of sensory neurons. Peptides, 1989, May-June, 10(3):627-45.
6. Zimmerman RP, Gates TS, Mantyh CR, Vigna SR, **Welton ML**, Passaro EP Jr, Mantyh PP: Vasoactive intestinal peptide receptor binding sites in the human gastrointestinal tract: localization by autoradiography. Neuroscience, 1989, 31(3):771-83.
7. Livingston EH, **Welton ML**, Reber HA: Surgical treatment of pancreatic cancer. The United States experience. International Journal of Pancreatology, 1991, Summer, 9:153-7.
8. Leichter RF , **Welton ML:** Laparoscopic Colectomy. Seminars in Gastrointestinal Disease. 1994, 5(3): 140-145.
9. Rubas W, Cromwell MEM, Shahrokh Z, Villagran J, Nguyen T-N, **Welton ML**, Nguyen T-H, Mrsny RJ: Flux measurements across Caco-2 monolayers may predict transport in human large intestinal tissue. J Pharmac Sci, 1996, 85(2):165-169.
10. Shelton AA, Lehman RE, Schrock TR, **Welton ML**: Retrospective review of colorectal cancer in ulcerative colitis at a tertiary center. Arch Surg, 1996,131(8): 806-810.

11. Gordon RL, Ahl K, Kerlan Jr R, Wilson M, LaBerte J, Sandhu J, Ring E, **Welton ML**: Selective arterial embolization for the control of lower gastrointestinal bleeding. Am J Surg, 1997,174(1):24-28.
12. Ko CY, Tong J, Lehman RE, Shelton AA, Schrock TR, **Welton ML:** Biofeedback is effective therapy for fecal incontinence and constipation. Arch Surg, 1997,132:829-835.
13. Shelton AA, **Welton ML**: The pelvic floor in health and disease. Western J Med, 1997, 167(2):90-98.
14. **Welton ML**: Human colonic microvascular endothelial cells: A new model for the study of inflammatory bowel disease. Am J Surg, 1997,174(3):247-250.
15. Kosinski L, **Welton ML**: Surgical options in the management of perianal Crohn's disease. Seminars in Gastrointestinal Diseases 1998, 9(1):15-20.
16. Litle VR, Barbour S, Schrock TR, **Welton ML**: The continent ileostomy: long-term durability and patient satisfaction. Journal of Gastrointestinal Surgery, 1999,3(6):625-632.
17. Goldie SJ, Kuntz KM, Weinstein MC, Freedberg KA, **Welton ML**, Palefsky JM: The clinical-effectiveness and cost-effectiveness of screening for anal squamous intraepithelial lesions in homosexual and bisexual HIV-positive men. JAMA 1999;281(19):1822-1829.
18. Hoffman R, **Welton ML**, Klencke B, Weinberg V, Krieg R: The significance of pretreatment CD4 count on the outcome and treatment tolerance of HIV-positive patients with anal cancer. Int J Radiation Oncology Biol Phys 1999;44(1):127-131.
19. Varma MG, Rogers SJ, Schrock TR, **Welton ML**: Local excision of rectal carcinoma. Arch Surg 1999;134(8):863-868.
20. Hines OJ, Whang EE, Bilchik AJ, Zinner MJ, **Welton ML**, Lane J, McFadden DW, Ashley SW: Role of Na+ glucose cotransport in jejunal meal-induced absorption. Digestive Diseases and Sciences, Jan 2000;45(1):1-6.
21. Litle VR, Leavenworth JD, Darragh TM, Kosinski LA, Moore DH II, Smith-McCune K, Warren RS, Palefsky JM, **Welton ML**: Angiogenesis, proliferation and apoptosis in anal high-grade squamous intraepithelial lesions (HSIL) Dis Colon Rectum, March 2000 vol 43 (3). 346-352.
22. Compton CC, Fielding LP, Burgart LJ, Conley B, Cooper HS, Hamilton SR, Hammond ME, Henson DE, Hutter RV, Nagle RB, Nielsen ML, Sargent DJ, Taylor CR, **Welton ML**, Willett C: Prognostic factors in colorectal cancer. Archives of Pathology and Laboratory Medicine, July 2000;124(7):979-94.
23. Visser BC, Varma MG, **Welton ML**: Local Therapy for rectal cancer. Surgical Oncology 2001; (10):61-69.
24. Chang GJ, **Welton ML**: Condylomata Acuminata. Problems in General Surgery 2001;18(3):55-64.
25. Varma MG, Barbour S, **Welton ML**, Schrock TR: Not all Ileoanal Anastomoses Require Routine Ileostomy. Accepted, Journal of Gastointestinal Surgery, 2002.
26. Chang GJ, Berry JM, Jay N, Palefsky JM, **Welton ML**: Surgical Treatment of High Grade Anal Squamous Intraepithelial Lesions: a prospective Study. Dis Colon Rectum 2002;45:453-458.
27. Wang D, Warren RS, Lehman RE, Matli MR, **Welton ML**: Expression and Endocytosis of VEGF and its receptors in Human Colonic Vascular Endothelial Cells. Am J Physiology Gastointest, Liver Physiol 282:G1088-G1096, 2002.
28. Visser BV, McAninch JW, **Welton ML**: Rectourethral Fistulae: The Perineal Approach. Accepted Journal American College of Surgeons 2002.
29. Wang D, Donner D, Matli M, **Welton ML**, Warren RS: Reciprocal modulation of cell surface VEGF receptor expression and VEGF receptor mRNA in human umbilical vein endothelial cells by VEGF. Submitted to J Biological Chemistry, 2002.

30. **Welton ML**. Anal Cartography in the Treatment of Anal Bowen's Disease and High-Grade Squamous Intraepithelial Lesions. Submitted Dis Colon Rectum, 2002.
31. **Welton ML**, Amerhauser A, Litle VL, Leavenworth J, Darraugh T, Palefsky JM: Anal Bowen's Disease and High Grade Squamous Intraepithelial Lesions are Histologically and Immunohistochemically Indistinguishable. Submitted Dis Colon Rectum, 2002.
32. Litle VR, Darragh TM, Moore DH II, Warren RS, Palefsky JM, **Welton ML**: p53 mutations and HPV typing of anal dysplasia and squamous cell carcinoma. In preparation for J Infect Dis, 2002.