

# DANIEL OWEN HERZIG, MD, FACS, FASCRS

## Business Address

Oregon Health and Sciences University  
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## Current Position

Assistant Professor, Department of Surgery/General Surgery Oregon Health and Science University School of Medicine	2005-present
Staff Physician Oregon Health and Science University Hospital	2005-present
Associate Residency Program Director Oregon Health and Science University Department of Surgery	2007-present

## Education

University of Texas, Health Sciences Center at Houston Division of Colon and Rectal Surgery <i>H. Randolph Bailey, MD, Program Director</i> <i>Resident/Fellow, Colon and Rectal Surgery</i>	2004-2005
Brown Medical School/Rhode Island Hospital Department of Surgery <i>William G. Cioffi, MD, Program Director</i> <i>Administrative Chief Resident 2003-2004</i> <i>Resident, General Surgery, 1999-2003</i>	1999-2004
Vanderbilt University School of Medicine <i>Doctor of Medicine, May 1999</i>	1995-1999
Vanderbilt University College of Arts and Sciences <i>Bachelor of Arts, magna cum laude, 1995</i> <i>Class of 1995 College Scholar</i> <i>Major: Molecular Biology/Minor: Chemistry</i>	1991-1995

## Licensure/Certification

Licensure: State of Oregon  
Board Certification: American Board of Surgery  
American Board of Colon and Rectal Surgery  
Instructor, Advanced Trauma Life Support

## Committee Membership/Society Offices

Oregon Health and Science University Hospital  
Member, Cancer Committee, 2005-present  
Cancer Liaison Physician, American College of Surgeons Commission on Cancer, 2006-present  
EpicCare Physicians Advisory Council 2007  
Surgery Best Practice Committee, physician representative, 2007-2008; 2008-2009  
Oregon Health and Science University School of Medicine  
Member, Admissions Interview Subcommittee, 2006-2007  
American Society of Colon and Rectal Surgeons  
Member, Standards Committee, 2007-2009  
Member, Young Surgeons' Committee, 2006-2008  
Oregon Chapter of the American College of Surgeons  
Secretary-Treasurer, 2008-2009

## Awards and Honors

<i>Top Doctors, Portland Monthly Magazine</i>	2008
<i>America's Top Surgeons, Consumers' Research Council</i>	2008
<i>Department of Surgery Service Excellence Award, Oregon Health &amp; Science University</i>	2007
<i>Service Excellence Award, institution-wide award among over 700 practicing physicians</i>	2007
<i>America's Top Surgeons, Consumers' Research Council</i>	2007
<i>Top Doctors, Portland Monthly Magazine</i>	2007
<i>Outstanding Resident Award, Department of Surgery, Brown Medical School</i>	2004
<i>The Brown Medical School Class of 2004 Resident Award, chosen among all specialties by the graduating class</i>	2004
<i>Haffenraffer Award in the Medical Sciences, given for the field of Surgery</i>	2004
<i>Dean's Teaching Excellence Award, for exemplary teaching, Brown Medical School</i>	2003
<i>Resident Teaching Award, chosen by surgical staff and fellow residents as the outstanding teaching resident</i>	2003
<i>Brian A. Dorman, M.D. Surgical Education Award, for the outstanding clinical research presentation</i>	2003
<i>Tournament champion, Surgical Jeopardy, American College of Surgeons Spring Meeting, New York</i>	2003
<i>Resident Teaching Award, chosen by surgical staff and fellow residents as the outstanding teaching resident</i>	2002
<i>The Brown Medical School Class of 2002 Resident Award, chosen among all specialties by the graduating class</i>	2002
<i>Dean's Teaching Excellence Award, for exemplary teaching, Brown Medical School</i>	2001
<i>Medical Student Teaching Award, for the outstanding surgical resident-teacher, Brown University</i>	2001
<i>Pfizer Humanitarian Award, Department of Surgery, Brown University</i>	2001
<i>Outstanding Intern Award, Department of Surgery, Brown University</i>	2000
<i>John T. and Lizzie Allen McGill Award, for scholarship, leadership and service to Vanderbilt University</i>	1995
<i>Class of 1995 College Scholar, College of Arts and Science, Vanderbilt University</i>	1995
<i>Rob Roy Purdy Award finalist, for academic accomplishment and leadership</i>	1995
<i>Commencement Marshal, chosen by the dean for distinguished service to Vanderbilt University</i>	1995
<i>Governor's Scholar, Commonwealth of Kentucky</i>	1990

## Current Research Interests

Principal investigator, Oregon Colorectal Cancer Registry  
*IRB-approved registry of affected and at risk individuals, including tumor bank and genotyping*

Collaborative study: Phillip Streeter, PhD, Oregon Stem Cell Center  
Using novel subtractive hybridization method, we are attempting to identify novel antibodies directed against neoplasm-specific antigens

Collaborative study: Gary Thomas, PhD, Vollum Research Institute  
Attempting to determine whether the PACS-2 gene product is lost in colorectal cancer cells.

Site principal investigator, A Randomized, Controlled, Phase 3 Study of Gentamicin-Collagen Sponge (Collatamp® G) in General Surgical Subjects at Higher Risk for Surgical Wound Infection.

## Publications

### Journals

- Hardiman KM, Diggs, BS, Douthit MA, Sheppard BC, Herzig DO. Disparities in Diagnosis and Treatment of Colon and Rectal Cancers in Patients from Rural Areas in Oregon. Submitted for publication.
- Cho SD, Herzig DO, Douthit MA, Deveney KE. Villous Adenoma of the Rectum: Treatment Strategies and Outcomes from a Single Center Experience. In press, *Archives of Surgery*.
- Herzig DO. Does surgeon fatigue influence outcomes after anterior resection for rectal cancer. Discussion in *American Journal of Surgery*. 195:687-88;2008
- Herzig DO, Iannitti DA. The posterior approach to inguinal hernia repair. *Problems in General Surgery* 19:36-41;2003.
- Heinzelmann M, Miller M, Platz A, Gordon LE, Herzig DO, Polk HC. Heparin and enoxaparin enhance endotoxin-induced tumor necrosis factor-alpha production in human monocytes. *Annals of Surgery* 229:542-50;1999.
- Heinzelmann M, Herzig DO, Swain B, Mercer-Jones MA, Bergamini TM, Polk HC. Phagocytosis and oxidative-burst response of planktonic *Staphylococcus epidermidis* RP62A and its non-slime-producing variant in human neutrophils. *Clinical and Diagnostic Laboratory Immunology*. 4:705-710;1997.

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### Book Chapters

- Allison C, Herzig DO, Martindale RM. Diverticular Disease. In: Trauma, Surgical Critical Care and Surgical Emergencies. Rabinovici, R, Frankel H and Kirton OC, eds. Informa Healthcare USA. 2008, in press.
- Herzig DO, Bailey HR. Ambulatory Hemorrhoidectomy. In: Surgical Treatment of Hemorrhoids, 2/e. Khubchandani IT, Paonessa N and Azimuddin K, eds. Springer-Verlag, 2008, in press.
- Herzig DO, Herzig RH. Medical Oncology. In: When to Refer to a Surgeon. Galandiuk S, Carter MN, Abby MA, eds. St. Louis: Quality Medical Publishing, 2001:331-338.
- Herzig DO, Biffl WL. Thoracic Trauma. In: Textbook of Critical Care, 5/e. Fink MP, Abraham E, Kochanek PM, Vincent J-L, eds. Philadelphia: Elsevier. 2005:2077-2088.

### Abstracts

- Hardiman KM, Diggs, BS, Douthit MA, Sheppard BC, Herzig DO. Disparities in Diagnosis and Treatment of Colon and Rectal Cancers in Patients from Rural Areas in Oregon. Poster presented at the American Society of Colon and Rectal Surgeons Annual Meeting, June 2008.
- Cho SD, Herzig DO, Douthit MA, Deveney KE. Villous Adenoma of the Rectum: Treatment Strategies and Outcomes from a Single Center Experience. Podium presentation at the Pacific Coast Surgical Association, February 2008.
- Morris, M, Herzig, DO, Lu, KC, Deveney, KE. Rule of 3's: Surgical decision making in inflammatory bowel disease. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2007.
- Cho, D, Herzig, DO, Lu, KC, Deveney, KE. Villous adenoma of the rectum. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2007.
- Hardiman, K, Van Hove, C, Herzig, D, Lu, K, Diggs, B, Sheppard, BC. Trends in the utilization of laparoscopic appendectomy. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2007.
- Hardiman, K, Douthit, M, Mason, T, Herzig, DO. Demographics of colorectal cancer in rural versus urban areas of Oregon. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2007.
- Herzig, DO. Does my colorectal cancer patient need genetic testing? A guide for the practicing surgeon. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2007.
- Herzig, DO, Thomas, CR. Combined modality approaches for anal canal cancer: update of Radiation Therapy Oncology Protocol 98-11. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2006.
- Sawai, R, Herzig DO, Billingsley, KG et al. Utilization of Adjuvant Therapy for Stage III Colorectal Cancer in the Portland Metropolitan Area. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2006.
- Quan, G, Herzig DO, Lu KC et al. Remicade in the Treatment of Ulcerative Colitis: Are we just delaying the inevitable? Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2006
- Morris, M, Herzig DO, Lu KC, et al. Oregon State Genetics Registry. Podium presentation at the Annual Meeting of Northwest Society of Colon and Rectal Surgeons. August, 2006.
- Sawai, R, Herzig DO, Lu KC et al. Deficiencies in Genetic Testing in the State of Oregon, 2004. Podium presentation at the combined meeting of the Oregon/Washington chapters of the American College of Surgeons. May 2006.
- Herzig DO, Snyder MJ, Bailey HR. Colorectal cancer in patients age 40-49. Poster and abstract presented at the Annual Meeting of the American Society of Colon and Rectal Surgeons, Philadelphia. May 2005.
- Herzig DO, Tsikitis VL, Thompson-Burnett KH, Akerman PA. Findings of diagnostic colonoscopy in 1169 patients age 40-49. Poster and abstract presented at the Annual Meeting of the American Society of Colon and Rectal Surgeons, Philadelphia. May 2005.
- Tsikitis VL, Herzig DO, Thompson-Burnett KH, Akerman PA. Colonoscopic Findings in Patients Age 40-49 Presenting with Hematochezia or Occult Blood (OB) Positive Stool. Poster presented at Digestive Disease Week 2005, Chicago. May 2005.
- Vrees MD, Herzig DO, Potenti FM. Tobramycin impregnated polymethylmethacrylate beads decrease wound infection rates following elective colorectal surgery. Poster and abstract presented at the Annual Meeting of the American Society of Colon and Rectal Surgeons, Dallas. May 2004.

Herzig DO, Akerman PA, Cioffi WG. Capsule endoscopy in the evaluation of chronic gastrointestinal bleeding. Presented at the Thirty-Second J. Murray Beardsley Lectureship Research Presentations. Winner of the 2003 Brian A. Dorman, MD Prize, Brown University Department of Surgery for best clinical presentation.

Herzig DO, German DC. The use of a residency profile guide and residency fair as career planning tools. 40th anniversary AAMC Group on Student Affairs national meeting, Chicago. April 1998.

### Teaching Experience

Faculty Advisor, general surgery residents (Chitra Sambasivan, Nicholas Spoerke, Molly Cone, Karin Hardiman, Jennifer Rea, Jeffrey Brown, Arun Raman)

Faculty Advisor, 2<sup>nd</sup> year medical students (Manuel Mendoza, Maegan Sauvageau)

Faculty for the following weekly conferences: Multidisciplinary Gastrointestinal Tumor Board, Department of Surgery Morbidity and Mortality Conference, GI Medical-Surgical Conference, Green Surgery Teaching Conference

Preceptor/Patient Exam Tutor, Spring 2006, Spring, 2007 Principles of Clinical Medicine

Medical Student Preceptor, Surgery 720, winter 2006, fall 2006, spring 2007, summer 2007

Resident Lectures: Diverticular Disease, Rectal Cancer, Common Anorectal Diseases

Medical Student Lectures: Rectal cancer, fall 2005; inflammatory bowel disease, spring 2006

Physician Assistant student lectures: General surgery overview, colorectal surgery overview. 2007, 2008

Coordinator, Portland Citywide Colorectal Surgery Journal Club 2005-present

Anatomy Lab Preceptor, perineal dissection, October 2005, October 2006, October 2007

Advanced Trauma Life Support (OHSU 2005, 2006, 2007; Bend/St Charles Medical Center 2007)

### Journal Reviews

Guest Reviewer, *World Journal of Surgery*, 2006

Guest Reviewer, *Gastrointestinal Endoscopy*, 2006

Guest Reviewer, *Diseases of the Colon and Rectum*, 2006

Guest Reviewer, *Surgical Endoscopy*, 2007

Guest Reviewer, *Annals of Surgery*, 2007, 2008

Guest Reviewer, *American Surgeon* 2008

### Invited Lectures and Presentations

Grand Rounds, Department of Surgery, Oregon Health and Science University. Surgical Dogma: An Evidence Based Review of Current Surgical Practice. Portland, OR. March 3, 2008.

Does Surgeon Fatigue Affect Outcome following Anterior Resection for Rectal Cancer, Discussant at the North Pacific Surgical Association, Victoria, BC. November 10, 2007.

Shifting Sands in Surgical Dogma: Antibiotic Irrigation. General Session at the American College of Surgeons Clinical Congress. New Orleans, LA. October 10, 2007.

Grand Rounds, Department of Surgery, Oregon Health and Science University. Hereditary colorectal cancer: Identification and management of the high risk patient. Portland, OR. March 26, 2007

Invited speaker. Medical Staff Conference, Samaritan Albany General Hospital. Surgical management of colorectal cancer. Albany, OR. November 27, 2006.

Invited faculty. Coos Bay Oncology Conference. Advances in the surgical management of colorectal cancer. Coos Bay, OR. October 27, 2006.

Grand Rounds, Department of Obstetrics and Gynecology, Oregon Health and Science University. Advances in multidisciplinary management of colorectal cancer. Portland, OR. October 13, 2006

Invited speaker, Merck Medical Forums. Preventive strategies for surgical site infections. Tucson, AZ. October 10, 2006.

Invited speaker, Gastrointestinal Medical-Surgical Conference. Management of common anorectal conditions. Oregon Health and Science University, Portland, OR. September 12, 2006.

Moderator. Advances in Digestive Health Conference. Colorectal cancer. Portland, OR September 9, 2006

Invited faculty. Advances in Digestive Health Conference. Surgical treatment of colon cancer: Open or laparoscopic. Portland, OR September 9, 2006

Grand Rounds, Department of Surgery, Providence St. Vincent Medical Center. Hereditary colon cancer. Portland, OR August 31, 2006

Grand Rounds, Department of Medicine, Oregon Health and Science University. Surgical options in the treatment of Ulcerative Colitis. Portland, OR June 13, 2006

The role of capsule endoscopy in the evaluation of chronic gastrointestinal bleeding. At the J. Murray Beardsley Lectureship Research Presentations, Brown Medical School, May 2003

Small bowel adenocarcinoma identified by capsule endoscopy. At the Henry T. Randall Lectureship, Brown Medical School, November 2002

Fistula complications of diverticulitis, At the Henry T. Randall Lectureship, Brown Medical School, November 2001  
Grand Rounds, Department of Surgery, Brown Medical School. Laparoscopic Inguinal Hernia Repair, August 2001

### Organizations

Fellow, American College of Surgeons

Fellow, American Society of Colon and Rectal Surgeons

Member, American Society for Gastrointestinal Endoscopy

Member, Society of Surgeons of the Alimentary Tract

Member, Northwest Society of Colon and Rectal Surgeons

Member, North Pacific Surgical Association

Member, Oregon Medical Association

Member, Portland Surgical Association

Member, American Medical Association

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