

**MARY ALICIA HOOKS**

**CURRICULUM VITAE**

**PERSONAL:**

Address: Office: 2220 Pierce Avenue  
Nashville, TN 37232-6860

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**APPOINTMENTS:**

**Associate Professor of Surgery**, Division of Surgical Oncology and Endocrine Surgery, Vanderbilt University Medical Center, Nashville, TN 37232-6860  
October 2011 - present

**Professor**, Department of Surgery, East Tennessee State University, Johnson City, TN 37614-0575  
July 2007 – September 2011

**Clinical Professor**, Department of OB/GYN, East Tennessee State University, Johnson City, TN 37614  
July 2007 – September 2011

**Director**, ETSU Cancer Center at Johnson City Medical Center, East Tennessee State University, Johnson City, TN 37614-0575  
Regional Community Hospital based Multidisciplinary Cancer Center including Medical Oncology, Gyn Oncology, and Surgical Oncology; in this capacity developed multidisciplinary programs and conferences including multidisciplinary breast cancer clinic  
May 2004 – July 2006

**Associate Professor**, Department of Surgery, East Tennessee State University, Johnson City, TN 37614-0575  
July 2001 – 2007

**Clinical Associate Professor**, Department of OB/GYN, East Tennessee State University, Johnson City, TN 37614  
July 2001 – 2007

**Clinical Assistant Professor**, Department of OB/GYN, East Tennessee State University, Johnson City, TN 37614  
July 1999 – June 2001

**Assistant Professor**, Department of Surgery, East Tennessee State University, Johnson City, TN 37614-0575  
September 1996 – June 2001

**Clinical Instructor**, Department of Surgery, Temple University, Philadelphia, PA 19140  
July 1994 – June 1996

**SERVICE:**

**Clinical:**

Staff Surgeon, Franklin Woods Medical Center, Johnson City, TN  
2010- September 2011  
Staff Surgeon, Unicoi Memorial Hospital, Erwin, TN 2004 – present  
Staff Surgeon, Johnson City Medical Center, Johnson City, TN  
1996- September 2011  
Staff Surgeon, Veteran's Administration Medicine Center, Mountain Home, TN 1996-2005

**Education:**

Director, Junior Surgery Clerkship, Department of Surgery, East Tennessee State University, Johnson City, TN 37614-0575  
September 1996 – present  
Course Director, Transitions to Clinical Clerkships, one-week orientation prior to third-year clinical clerkships. Designed and organized this course which includes review of key skills across the clinical clerkships; East Tennessee University, Johnson City, TN  
2008 – September 2011  
Department of Family Medicine, Clinical Instruction for Residents,  
2007 – September 2011  
AOA Faculty Advisor, East Tennessee State University, Delta Chapter  
2002-2005  
Medical Student Advisor for Third & Fourth Year Students, East Tennessee State University, Quillen College of Medicine,  
1997- September 2011 (10-12 students per year)  
Oncology Service Attending, Oncology Education Program for Residents, Students and Medical Oncology Fellows includes:  
Surgical Oncology Conferences twice/month for Residents and Students, 1996 – September 2011  
Multidisciplinary Conferences for Surgical Residents and Medical Onc Fellows weekly with representation from all oncology specialties, including Journal Club, 2007 – September 2011

**Administration:**

Chief, Division of Surgical Oncology, ETSU, Johnson City, TN 1996 -  
September 2011  
Director ETSU Cancer Center, Johnson City Medical Center, Johnson City, TN, 2004 - 2006

**EDUCATION:**

Emory University, Goizueta Business School, 1300 Clifton Road, Atlanta, GA 30322

Degree: **Executive MBA**, May 2008

Fox Chase Cancer Center, 7701 Burholme Ave., Philadelphia, PA 19111;

**Surgical Oncology Fellow**, July 1994 – June 1996

University of North Carolina School of Medicine, Dept. of Surgery, Burnett-Womack Bldg., Manning Dr., Chapel Hill, NC 27514

**Intern & Resident**, General Surgery: July 1989-June 1993

**Chief Resident**, General Surgery: July 1993-June 1994

University of Pennsylvania School of Medicine, 36<sup>th</sup> & Hamilton Walk, Philadelphia, PA 19104

Degree: **M.D.**, May 1989

University of Michigan, Ann Arbor, MI 48104

Degree: **B.S.** Zoology, May 1980

**POST-GRADUATE EDUCATIONAL OPPORTUNITIES:**

Executive Leadership in Academic Medicine (ELAM), Philadelphia, PA, 2010-2011 – Currently attending with anticipated completion April 2011

Surgeons as Leaders, American College of Surgeons, Chicago, IL, April 2005

Leadership in Academic Health Centers, Harvard School of Public Health, Center for Continuing Professional Education, November 2004

Surgical Education Research Fellowship, Association of Surgical Education, 1998-1999, Certificate received March 1999

Surgeons as Educators, American College of Surgeons Educational Program, Atlanta, GA, Sept. 1997

A.A.M.C. Professional Development Seminar for Junior Women in Medicine, Kansas City, MO, 1997

**AWARDS:**

Association of Surgical Education Outstanding Educator Award, 2010  
Notable Woman of ETSU, 2006, one of two women in the University to receive this award

The Leonard Tow Humanism in Medicine Award from the Arnold P. Gold Foundation, 2006

Association of American Medical Colleges, Humanism in Medicine  
Award Nominee, 1999  
Dean's Distinguished Teaching Award in Clinical Science, 1999  
Scarlet Sash Award, Class of 2004, 2005, 2006, 2007  
"String of Pearls" Presenter, ETSU-Quillen College of Medicine,  
2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 (every year since  
inception)  
Medical School Lamp of Learner Award - Honors Convocation Hooder, 1999,  
2003, 2007, 2009, 2010  
Surgery Attending of the Year, 2009, 2010  
Outstanding Clerkship Director of the Year, 1998, 2000, 2001, 2002,  
2004, 2005, 2006  
Gender Equity Award, Classes of 1998, 1999, 2000, 2001, 2002, 2006, 2007,  
2008, 2010  
Mentor of the Year, Class of 1999, 2004, 2008  
Attending of the Year, Class of 2010  
Students' Teaching Recognition Award, Junior Surgery Clerkship, 1997  
Outstanding Woman of the Year, 1997, Category of Leadership by the  
Federal Women's Program of James H. Quillen Veteran's  
Administration Medical Center  
American Cancer Society Clinical Oncology Fellowship, July 1995-June  
1996  
Stuart Mudd Award for Outstanding Research in Microbiology,  
University of Pennsylvania Medical School, Philadelphia, PA,  
May 1989  
Alice Paul Award by the Association of Women Faculty and  
Administrators for Educational Contributions to Campus Life,

**MEMBERSHIPS:**

American College of Surgeons, 1990 - present  
Fellow 2001 - present  
Candidate 1990-2001  
Committee service: Student Program, ACS/AWS Mentorship Program  
Association of Women Surgeons, 1990-present  
Council Member, 1999-present,  
Secretary, 2003 - 2005  
Vice President, 2005 - 2006  
President-elect, 2006 - 2007  
President, 2007 - 2008  
Immediate Past-President, 2008 - 2009  
Past-president, 2009-2010  
Foundation Chair, 2010-present  
International Surgical Society, 2009 - present  
The Society for Surgery of the Alimentary Tract, March 2000-present  
Alpha Omega Alpha Honor Society, 1999 - present  
Southeastern Surgical Congress, 1997-present  
American Society of Clinical Oncology, June 1997-present  
Society of Surgical Oncology, Candidate Member, March 1996 - present  
Association of Surgical Education, Faculty Member, October 1996-present

Nathan Womack Surgical Society, University of North Carolina,  
Department of Surgery, Chapel Hill, NC 1994-present

**LICENSURE:**

Commonwealth of Pennsylvania, License Number: MD-052787

State of Tennessee, License Number: 28443

**BOARD CERTIFICATION:**

Diplomat of The American Board of Surgery, 1996, ID Number 050830  
Recertification, December 2005, #41487

Board Examiner: American Board of Surgery, Associate Examiner for  
General Surgery Oral Board Exam, Raleigh, NC, December, 2004

**COMMITTEES:**

**University:**

Medical Student Education Committee

Curriculum Planning Member 1996-present

Planning 3<sup>rd</sup> and 4<sup>th</sup> Years Subcommittee, Chairperson 1999

Student Promotions Committee, 1996- September 2011

Resident Evaluation Committee, ETSU, Department of Surgery,  
1996 – September 2011

Promotion and Tenure, Quillen College of Medicine, ETSU,  
2002- 2005

Committee to Nominate Dean's Distinguished Teaching Award  
Recipients (Basic & Clinical Sciences)

Chairperson, 2000

Committee Member, 2002

Committee for Recruitment of Department of OB/GYN      Chairperson,  
1998

**Hospital:**

Johnson City Medical Center:

Cancer Committee, Member 1996-present

Medical Executive Committee, Member 2000-2001

Cancer Liaison Physician, American College of Surgeons, 2002-  
September 2011

Veteran's Administration Medical Center:

Cancer Committee, Member 1996-2005,

Chairperson 1999

**Local:**

American Cancer Society Leadership Council Member, 2010 - present

American Cancer Society Fundraising Committee, Cattle Baron's  
Ball, Johnson City, TN, August 2005

American Cancer Society Fundraising Committee, Chairperson,  
Taste of the Season, November 2005

**State/regional:**

Tennessee Comprehensive Cancer Coalition, 2008 – present  
State Chair, Women’s Cancers Committee  
State Volunteer Mutual Insurance Company, Fellow’s Committee,  
February 2005 – present  
American College of Surgeons, New Candidate Committee for  
Northeast Tennessee, 2003-present  
Northeast Tennessee Coalition of Tennessee Breast and Cervical  
Cancer Prevention and Control, Member 1998-2001  
Tennessee Breast and Cervical Cancer Prevention and Control  
Coalition (and Professional Subcommittee), 1996-1999

**RESEARCH PROJECTS:**

Surgical Education Research Fellowship Project: Assessing Surgical Skills  
Education of Primary Care Physicians: Consisted of surveying graduates  
from ETSU over a ten year period, lead to changes in skills education in  
the Junior Surgery Clerkship and presentation at annual meeting of  
Association of Surgical Education, supported by Small Grant from  
Research Development Committee of ETSU

“DCIS: Use of Adjuvant Radiation Therapy”, ongoing clinical study

**RESEARCH POSITIONS:**

7/86-8/86 Visiting Student investigating immunoblotting of cDNA  
libraries constructed from breast tumors and lymph node  
metastases with Charles Coombes, M.D., St. George’s  
Hospital, Ludwig Cancer Institute, London, England  
1/85-8/85 Technical Research Consultant establishing and  
maintaining tissue culture laboratory and quantitative  
analysis of bacteriophage and eucaryotic viruses. Analyzing  
the effects of lasers on biologic systems in collaboration  
with physical chemists with David Montgomerie, Ph.D.,  
Molecular Biophysics Technology, Inc., Philadelphia, PA  
7/83-8/86 Research Specialist characterizing red blood cell membrane  
changes during malaria parasite invasion with Harvey  
Rubin, M.D., Ph.D., Dept. of Medicine, Division of  
Infectious Diseases, University of Pennsylvania,  
Philadelphia, PA  
9/82-5/83 Research Technician characterizing human oncogenes with  
Carlo Croce, M.D., Wistar Institute, University of  
Pennsylvania, Philadelphia, PA  
3/81-7/82 Research Assistant isolating and characterizing human  
tRNA genes with John Waterson, M.D., Ph.D., Dept. of  
Pediatric Genetics, University of Michigan, Ann Arbor, MI

## **PUBLICATIONS:**

**Hooks, M.A.** Dominant Breast Mass. In: Surgical Decision Making 5<sup>th</sup> Edition; McIntyre, R., Stiegmann, G., Eiseman, B. (eds.) Philadelphia, PA: Elsevier Saunders, 2004, pp. 264-267

**Hooks, M.A.**, Eisenberg B. Neck Masses. In: Current Diagnosis 9; Conn R., Borer W., and Snyder J. (eds.) New York: W.B. Saunders Co. 1997, pp. 16-20

**Hooks, M.A.**, Ridge J.A. Head and Neck Tumors. In: Cancer Management: A Multidisciplinary Approach; Pazdur R., Coia L., and Wagman L. (eds.), Huntington, NY: PRR Ind., 1996/97 and 1999 editions, pp. 432-467

Taraschi, T.F., Parashar A., **Hooks M.A.**, Rubin H. Perturbation of red cell membrane structure during intracellular maturation of *P. falciparum*. Science. 1986; 232:102-104

Waterson, J.R., **Hooks M.A.** The isolation and characterization of two human genes for transfer RNA. Abstracts Amer. Soc. Human. Genetics. 1982; 475

## **PRESENTATIONS:**

Posters:

Chavez, J.W., **Hooks M.A.** Controversies of Diagnosing and Treating the Atypical Spitz Tumor, Presented at Southeastern Surgical Congress, Orlando, FL; February 2010

**Hooks, M.A.**, Eisenberg B., Sigurdson E., Hoffman J., Hanlon A., Fein D., Fowble B. Mammographically detected breast cancer: Resection margin status at needle localization biopsy and implications for re-excision. Presented at Society of Surgical Oncology; Atlanta, GA; March 1996

Larsen A., **Hooks M.A.** Chest Wall Tumors. Presented at Southeastern Surgical Congress, Orlando, FL; February 2000

Steagald, M., **Hooks, M.A.** Aggressively Invading Endometriosis: A Case Report. Presented at Southeastern Surgical Congress, Orlando, FL; February 2006

Oral Presentations: **National**

Surgical Education Research Fellowship Presentation: "Assessing Surgical Skills Education of Primary Care Physicians at East Tennessee State University", Association of Surgical Education, Vancouver British Columbia, Canada, March, 1998  
"Rural Surgery", American College of Surgeons Medical Student

Program, October 2009

Oral Presentations: **International**

“Breast Cancer Treatment”, Ra’s al Kaymah, United Arab Emirates,  
March 2001

“Women’s Cancers in Appalachia”, International Surgical Society,  
Adelaide, Australia, September 2009

Panel Moderator:

“Outcomes/Surgical Specialties”, Society of Surgical Oncology,  
Los Angeles, CA, March, 2003

Breast Diseases Course, American College of Surgeons, New  
Orleans, LA, October, 2003

Paper Discussant:

Association of Surgical Education  
1998 Vancouver British Columbia, Canada  
1999 Boston, MA

Invited Lectures:

“Residents as Teachers”, University of North Carolina,  
Department of Surgery, Chapel Hill, NC, 2000

“Breast Cancer Review and Update”, Graduate Hospital,  
Philadelphia, PA, April 2001

“Planning an Academic Career in Surgery”, Association of  
Women Surgeons, Virginia Chapter, Charlottesville, VA,  
May 2004

“Total Pelvic Exenteration in Treatment of GYN & Colorectal  
Malignancies”, Medical Updates, Jackson Hole, WY,  
January 2004

“Breast Cancer Update”, Medical Updates, Jackson Hole, WY,  
January 2004

“Breast Cancer in the Elderly”, Medical Challenges of an Aging  
Population, Millennium Centre, Johnson City, TN  
November 2005

“Breast Cancer in Pregnant and Elderly Women”, Medical  
Updates, Squaw Valley, CA, January 2006

“Breast Cancer Review and Breast Cancer in Pregnant and Elderly  
Women” and Visiting Professor Case Presentation with  
Residents, New Hanover Regional Medical Center, AHEC,  
May 2006

Grand Rounds:

Department of Surgery:

“Multimodality Treatment of Esophageal Cancer”, Sept 1996

“Breast Cancer Update”, April 1998

“Breast Cancer Screening”, July 1998

“Multimodality Treatment of DCIS”, April 1999

“Breast Cancer Update”, March 2001

“Multimodality Treatment of Esophageal Cancer”, Oct 2001

“Breast Cancer Update”, September 2002

“Pelvic Exenteration”, April 2004  
“Breast Cancer Update”, May 21, 2004  
“Breast Cancer”, October 2005  
“Axillary Nodal Staging”, November 2008  
“Breast Cancer Update”, April 2010

Department of OB/GYN:

“Breast Conservation in Treatment of Breast Cancer”,  
October 1996  
“Peritoneal Metastases: Colon vs. Ovarian Cancer”,  
March 1997  
“Melanoma: General, During Pregnancy and Vulvar”,  
July 1997  
“Interesting Breast Cancer Topics”, June 1999  
“Carcinoma of the Breast”, June 2001  
“Hormonal Therapy in the Treatment of Breast Cancer”,  
June 2002  
“Breast Cancer in Pregnant and Elderly Women”,  
November 2005  
“Breast Cancer Updates”, September 2008

Other:

Schwartz Center Grand Rounds, “Caring For a Colleague”,  
September 19, 2005  
Dept. of Internal Medicine, “Breast”, April 13, 2004

Outside Grand Rounds:

Kingsport Medical Center, “Breast Cancer Screening”,  
November 1997

Resident Conferences:

Dept. of Family Medicine, “Neck Masses”, October 1997  
Dept. of Family Medicine, “Clinical Breast Exam”,  
February 1998  
Dept. of Surgery, “Residents as Teachers Program”, for  
residents and faculty, Co-facilitator with Dr. Frank Stritter,  
Ph.D., Univ. of No. Carolina, held at ETSU, May 1998  
Surgery Resident Teaching Conference, “Breast Cancer”,  
August 1998  
Family Medicine Resident Conference, Johnson City Family  
Medicine Associates, “Breast Cancer and Screening”,  
November 1998  
Surgery Resident Teaching Conference, “Oncogenes &  
Tumor Suppressor Genes”, January 1999  
Residents as Teacher Program, University wide residents, co-  
facilitator with Dr. Frank Stritter, Ph.D., September 2000  
Quillen College of Medicine Resident Orientation, Small  
Group Case Discussion Leader, “Ethical Issues”,

June 2003

- Surgery Resident Teaching Conference, “Resident Teaching Responsibilities”, July 18, 2003
- Surgery Resident Teaching Conference, “Surgical Oncology”, September 5, 2003
- Surgery Resident Teaching Conference, “Surgical Oncology”, December 5, 2003
- Surgery Resident Teaching Conference, “Barrett’s Esophagus” & “Resident Teaching Responsibilities”, January 9, 2004
- Surgery Resident Journal Club, Moderator, “Oncology Topics”, April 16, 2004
- Surgery Resident Teaching Conference, “Orientation for Student Teaching”, July 30, 2004
- Surgery Resident Teaching Conference, “Breast”, September 3, 2004
- Surgery Resident Teaching Conference, “Orientation for Student Teaching”, July 2005
- Quillen College of Medicine Resident Orientation, Small Group Case Discussion Leader, “Ethical Issues”, June 2004
- Surgery Resident Teaching Conf., “ABSITE Review: Breast Diseases & Mock Oral Practice”, March 2006
- Surgery Resident Teaching Conference, “Score Curriculum–Breast Cancer”, March 2010

Student Conferences:

- “Planning A Career in Medicine”, East Tennessee State University, Pre-Med/Med Students, October 2002
- “Women in Surgery”, Student Women In Medicine, East Tennessee State University, Quillen College of Medicine, January 2005
- “Career in Surgery”, Surgery Student Interest Group, ETSU-Quillen College of Medicine, February 2005
- “Ethical Issues in Healthcare and Medical Education”, Small Group Facilitator, ETSU-Quillen College of Medicine Freshman Orientation, July 2005

Local Presentations:

- “Genetic Testing for Breast Cancer”, Health Resource Center, Johnson City, TN, September 18, 2003
- “Surgical Treatment of Breast Cancer”, Journey After the Diagnosis, Breast Cancer Awareness Month Educational Program, Johnson City Medical Center, Johnson City, TN, October 27, 2003
- “Current Treatment Options”, Breast Cancer Support Group, Health Resources Center, Johnson City, TN, February 2004
- “Breast Cancer Updates”, Breast Cancer Support Group, Health Resources Center, Johnson City, TN May 2005

“Resources in Northeast Counties of Tennessee”, Panel Discussion: Tennessee Cancer Coalition, Carnegie Hotel, Johnson City, TN, August 2005  
“Breast Cancer Potpourri”, Boones Creek Christian Church, Boones Creek, TN, October 2005  
“Breast Conservation and Latest Innovations in Treatment of Breast Cancer”, Breast Cancer Support Group, Health Resources Center, Johnson City, TN, March 2006  
“Cancer Screening”, Open Forum Question/Answer for Public on Cancer, Johnson City, TN April 2006

State and Regional Educational Programs:

Surgical Problems in Primary Care Conference, Mars Hill, NC, “Breast Diseases”, August 31, 1997  
Tennessee Society of Peri-Anesthesia Nurses & the State of Northeast Tennessee Coalition for the Prevention and Early Detection of Breast and Cervical Cancer, Johnson City, TN, “Performing Clinical Breast Exams”, October 15, 1998  
East Tennessee State University, Department of Public Health & Johnson City Medical Center, Women’s Health Issues Week, Johnson City, TN, “Breast Health”, June 17, 1999  
First Annual Northeast Tennessee Breast & Cervical Cancer Fall Symposium, Wellmont Bristol Regional Hospital, Bristol, TN, “Clinical Breast Examination: Where We’ve Been, Where We Are, Where We’re Going”, October 1999  
Women’s Health: A Comprehensive Approach, Millennium Park, Johnson City, TN, “Prevention, Detection & Treatment of Breast Cancer”, April 7, 2000  
Spring Update for Women’s Health, Nashville, TN, “Breast Health”, May 18, 2000  
Second Annual Conference, Northeast Tennessee Coalition For the Prevention and Early Detection of Breast and Cervical Cancer, Johnson City, TN, “Breast Cancer Screening and Diagnostic Work-up”, 2 lectures (public and professional education programs), October 2000  
Laughlin Memorial Hospital, “Breast Cancer Update”, Greeneville, TN, November 29, 2004

**EDITORIAL:**

American College of Surgeons Web Portal, Community Editor for Mentoring, *efacs.org*  
Annals of Surgical Oncology, invited reviewer for 3 papers submitted for publication in 2006