

**University of California, San Francisco**  
**CURRICULUM VITAE**

**Name:** Patrick A Treseler, MD, PhD

**Position:** Professor of Pathology, Step 7  
Department of Pathology  
School of Medicine

**Address:** Pathology Dept., Box 0102  
University of California, San Francisco  
505 Parnassus Ave., Room M-545  
San Francisco, CA 94143  
Voice: 415-514-1641  
Fax: 415-353-1200  
Email: patrick.treseler@ucsf.edu

**EDUCATION**

1975 - 1979	Seattle University	B.S.	Biology, Summa Cum Laude
1975 - 1979	Seattle University	B.S.	Chemistry, Summa Cum Laude
1979 - 1985	Duke University	M.D.	Medicine
1981 - 1985	Duke University	Ph.D.	Immunology (Dr. Fred Sanfilippo, advisor)
1986 - 1986	Duke University Medical Center	Intern	Internal Medicine
1986 - 1988	Brigham & Women's Hospital, Boston	Resident	Anatomic Pathology
1988 - 1989	Brigham & Women's Hospital, Boston	Fellow	Hematopathology
1989 - 1990	Brigham & Women's Hospital, Boston	Resident	Clinical Pathology
1991 - 1991	Brigham & Women's Hospital, Boston	Fellow	Surgical Pathology

**LICENSES, CERTIFICATION**

1987	Medical licensure, Massachusetts
1992	Medical licensure, Washington
1995	Medical licensure, California

- 1990 Board Certification, Anatomic & Clinical Pathology (American Board of Pathology)
- 1995 Board Certification, Hematology (American Board of Pathology)

### **PRINCIPAL POSITIONS HELD**

- |                |   |                              |           |
|----------------|---|------------------------------|-----------|
| 1991 - 1992    | Harvard Medical School, Boston          | Instructor                   | Pathology |
| 1992 - 1995    | Valley Medical Center, Renton, WA       | Attending Physician          | Pathology |
| 1995 - 1999    | University of California, San Francisco | Associate Clinical Professor | Pathology |
| 1999 - 2005    | University of California, San Francisco | Clinical Professor           | Pathology |
| 2005 - present | University of California, San Francisco | Professor                    | Pathology |

### **OTHER POSITIONS HELD CONCURRENTLY**

- |                |                         |   |
|----------------|-------------------------|---|
| 1979 - 1985    | Duke University         | Fellow, Medical Sciences Training Program |
| 1995 - 2010    | UCSF Medical Center     | Associate Director, Surgical Pathology    |
| 2010 - present | UCSF Dept. of Pathology | Director, Residency Training              |
| 2000 - present | UCSF Medical Center     | Assistant Director, Surgical Pathology    |
| 2016 - present | UCSF Medical Center     | Co-Director, Hematopathology Service      |

### **HONORS AND AWARDS**

- 1975 National Merit Scholarship Semi-Finalist and Finalist
- 1975 Phi Beta Kappa Outstanding Scholastic Achievement Award
- 1975 Bausch and Lomb Honorary Science Award
- 1975 American Legion Distinguished Scholastic Achievement Award
- 1976 CRC Freshman Chemistry Achievement Award
- 1979 Seattle University President's Award (Top Graduating Senior)
- 1990 NIH Individual National Research Service Award
- 1998 Nominated by UCSF Class of 2000 for "An Outstanding Lecture" for lecture on Pathology of the Leukemias
- 1998 "An Outstanding Lecture" (Nomination), "Pathology of the Leukemias", UCSF Medical School Class of 2000
- 1999 "An Outstanding Lecture" (Nomination), "Pathology of the Leukemias", UCSF Medical School Class of 2001
- 2000 UCSF Pathology Department Teaching Award
- 2005 UCSF Pathology Department Teaching Award

- 2014 UCSF School of Medicine "Outstanding Lecture Series" Teaching Award, presented by UCSF School of Medicine Classes of 2016 and 2017 for lectures on Pathology of the Leukemias and Lymphomas
- 2014 College of American Pathologists Outstanding Course Presentation Award, for course on Pathology of Hodgkin Lymphoma presented at 2014 CAP Annual Meeting, Chicago, IL
- 2015 Elected as Member of the UCSF Haile T. Debas Academy of Medical Educators

**KEYWORDS/AREAS OF INTEREST**

Hematopathology, lymphoma, leukemia, endocrine pathology, cancer epidemiology

**CLINICAL ACTIVITIES SUMMARY**

As a diagnostic surgical pathologist, I provide routine diagnostic services in general surgical pathology. I have subspecialty expertise/interest in the areas of hematopathology and endocrine pathology, and provide routine consultation to my clinical colleagues in these and other areas, and was recently appointed to serve as Co-Director of the new UCSF Hematopathology Service. I routinely receive cases for expert consultation (generally in the area of hematopathology) from scores of practicing pathologists across California and the United States, as well as from attorneys involved in malpractice litigation.

**MEMBERSHIPS**

- 1978 - 1979 American Chemical Society
- 1979 - 1985 American Medical Association
- 1983 - 1985 American Association of Immunologists
- 1986 - 1992 New England Pathology Residents Society
- 1989 - present American Association for the Advancement of Science
- 1992 - 1995 King County Medical Society
- 1992 - 1995 Washington State Society of Pathologists
- 1992 - 1995 Pacific Northwest Society of Pathologists
- 1992 - present American Society of Clinical Pathologists
- 1992 - present College of American Pathologists
- 1995 - present California Society of Pathologists
- 1995 - present United States and Canadian Society of Pathologists
- 1997 - present South Bay Pathology Society
- 2000 - present Pathology Residency Directors Association

**SERVICE TO PROFESSIONAL ORGANIZATIONS**

- 1987 - 1988 New England Pathology Residents Society President

1993 - present College of American Pathologists Laboratory Inspector  
2001 - present College of American Pathologists Official Spokeperson

### **SERVICE TO PROFESSIONAL PUBLICATIONS**

2009 - 2014 *Ad hoc* referee for Cancer (1 paper in past 5 years), Modern Pathology (1 paper in past 5 years), and American Journal of Dermatopathology (2 papers in past year).

### **INVITED PRESENTATIONS - INTERNATIONAL**

1999 "Pathology of Sentinel Lymph Nodes and Axillary Lymph Nodes: UCSF Experience" (invited talk). Sentinel Node in Breast Cancer Symposium, Taichung, Republic of China, 1999.

2004 "Significance of Micrometastases in Breast Sentinel Lymph Nodes" (invited talk). Asian Breast Cancer Society, 4th Biennial Meeting, Taipei, Republic of China, 2004.

2004 "Pathologic Examination of the Sentinel Lymph Node in Breast Cancer" (invited talk). Asian Breast Cancer Society, 4th Biennial Meeting, Taipei, Republic of China, 2004.

2005 "Histopathologic Examination of the Sentinel Lymph Node: What is the Best Method?" (keynote address). Asian Breast Cancer Society, 5th Biennial Meeting, Tokyo, Japan, 2005.

### **INVITED PRESENTATIONS - NATIONAL**

1984 "Immunity to class I major histocompatibility antigens evoked by heterotopic corneal allografts in the rat" Association for Research in Vision and Ophthalmology, Annual Meeting, Sarasota, FL, 1984.

1985 "Contribution of major histocompatibility antigens and individual corneal cell populations to the immunogenicity of corneal allografts" (platform presentation). Association for Research in Vision and Ophthalmology, Annual Meeting, Sarasota, FL, 1985.

1989 "Peripheral T-cell lymphoma of the mediastinum: comparison with its B-cell counterpart" (platform presentation). United States and Canadian Academy of Pathology, Annual Meeting, San Francisco, 1989.

1996 "Update: Hodgkin's Disease" (invited talk). UCSF 12th Annual Current Issues in Anatomic Pathology, 1996.

1996 "Benign Lymphadenopathies Which Mimic Lymphoma" (invited talk). UCSF 12th Annual Current Issues in Anatomic Pathology, 1996.

1997 "Lymphomas of the Gastrointestinal Tract" (invited talk). UCSF 13th Annual Current Issues in Anatomic Pathology, 1997.

1997 "Primary Body-Cavity Based Lymphoma" (invited talk). UCSF 13th Annual Current Issues in Anatomic Pathology, 1997.

- 1998 "Lymphoid Lesions of the Lung" (invited talk). UCSF-Stanford 1st Annual Current Issues in Anatomic Pathology, 1998.
- 1998 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, June 20, 1998.
- 1998 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco,, November 21, 1998.
- 1998 "Primary Body-Cavity Based Lymphoma" (invited talk). California Society of Pathologists, 51st Annual Convention, San Francisco, 1998.
- 1999 "Update on Hodgkin's Disease: Case Closed?" (invited talk). UCSF-Stanford 2nd Annual Current Issues in Anatomic Pathology, 1999.
- 1999 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, May 22, 1999.
- 1999 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, October 9, 1999.
- 1999 "Hodgkin's Disease: Case Closed?" (invited talk). California Society of Pathologists, 52nd Annual Convention, San Francisco, 1999.
- 2000 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, March 4, 2000.
- 2000 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, May 6, 2000.
- 2000 "Who's WHO in Lymphomas: A Practical Guide to the New Lymphoma Classifications" (invited talk). UCSF-Stanford 3rd Annual Current Issues in Anatomic Pathology, 2000.
- 2000 "Immunophenotypic Diagnosis of Lymphomas: New Antibodies and New Entities" (invited talk). UCSF-Stanford 3rd Annual Current Issues in Anatomic Pathology, 2000.
- 2000 "Primary Effusion Lymphoma" (invited talk). California Society of Pathologists, 53rd Annual Convention, San Francisco, 2000.
- 2001 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, March 10, 2001.
- 2001 "Pathologic Examination of the Sentinel Lymph Node" (invited talk). UCSF-Stanford 4th Annual Current Issues in Anatomic Pathology, 2001.

- 2001 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, May 5, 2001.
- 2001 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, October 20, 2001.
- 2002 Featured Speaker, Arizona Society of Pathologists, Annual Meeting, Phoenix, Arizona, 2002: Four invited talks: "Who's W.H.O. in Lymphomas: A Morphologic Approach to the New Lymphoma Classifications", "Immunophenotypic Diagnosis of Lymphoma: A Guide for the Perplexed", "Gastrointestinal and Other Extranodal Lymphomas", "Hodgkin's Disease: A Mystery Solved"
- 2002 Featured Speaker, South Bay Pathology Society 51st Annual Spring Meeting, Monterey, California, 2002: "Lymphoma: Current Concepts and Practical Issues" (Joint presentation with Drs. Roger Warnke and Sandra Horning)
- 2002 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, May 18, 2002.
- 2002 "Lymphoid Lesions of the Lung" (invited talk). UCSF-Stanford 5th Annual Current Issues in Anatomic Pathology, 2002.
- 2002 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, August 31, 2002.
- 2002 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, October 19, 2002.
- 2002 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, December 14, 2002.
- 2003 "T-cell Lymphomas: A Journey to the Dark Side of Hematopathology" (invited talk). UCSF-Stanford 6th Annual Current Issues in Anatomic Pathology, 2003.
- 2003 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, July 19, 2003.
- 2003 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, November 21, 2003.
- 2004 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, May 1, 2004.

- 2004 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, November 5, 2004.
- 2005 "High-Grade Plasma Cell Malignancies" (invited talk). UCSF-Stanford 8th Annual Current Issues in Anatomic Pathology, 2005.
- 2005 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, November 4, 2005.
- 2006 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, November 17, 2006.
- 2007 "Dealing with Lymphoid Infiltrates in Colonic Biopsies" (invited talk). UCSF-Stanford 10th Annual Current Issues in Anatomic Pathology, 2007.
- 2007 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, November 9, 2007.
- 2007 "Hodgkin's Lymphoma: Theory and Practice 2007" (invited talk). California Society of Pathologists, 60th Annual Convention, San Francisco, 2007.
- 2007 "Plasmablastic Lymphoma" (invited talk). California Society of Pathologists, 60th Annual Convention, San Francisco, 2007.
- 2007 "The B-cell non-Hodgkin's lymphomas" (slide tutorial). California Society of Pathologists, 60th Annual Convention, San Francisco, 2007.
- 2008 "Pathologic Evaluation of the Sentinel Lymph Node" (invited talk). UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, November 7, 2008.
- 2009 "Case Presentation: Is this Hodgkin's or Not?" (invited talk). UCSF-Stanford 12th Annual Current Issues in Anatomic Pathology, 2009.
- 2009 "The B-Cell Non-Hodgkin Lymphomas" (slide tutorial). UCSF-Stanford 12th Annual Current Issues in Anatomic Pathology, 2009.
- 2009 "Hodgkin's Lymphoma: What Every Practicing Pathologist Needs to Know Based on Recent Scientific Discoveries" (invited talk). American Society for Clinical Pathology, Annual Meeting, Chicago, 2009.
- 2010 "The B-Cell Non-Hodgkin Lymphomas" (slide tutorial). UCSF 13th Annual Current Issues in Anatomic Pathology, 2010
- 2010 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). American Society for Clinical Pathology, Annual Meeting, San Francisco, 2010.
- 2011 "Gray Zones and Double Hits: The Problem of High-Grade Burkitt-Like/Atypical Burkitt Lymphoma" (invited talk). UCSF 14th Annual Current Issues in Anatomic Pathology, 2011.

- 2011 "Gray Zones and Double Hits: Distinguishing 'True' Burkitt Lymphoma from Other High-Grade B-Cell Lymphomas" (invited talk). American Society for Clinical Pathology, Annual Meeting, Las Vegas, 2011.
- 2012 "Difficult Differentials in B-Cell Lymphomas" (slide tutorial). UCSF 15th Annual Current Issues in Anatomic Pathology, 2012.
- 2012 "Gray Zones and Double Hits: Distinguishing Burkitt Lymphoma from Other High-Grade B-Cell Lymphomas" (invited talk). American Society for Clinical Pathology, Annual Meeting, Boston, 2012.
- 2012 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). American Society for Clinical Pathology, Annual Meeting, Boston, 2012.
- 2012 "Variants and Subtypes of Diffuse Large B-Cell Lymphoma" (slide tutorial). California Society of Pathologists, 65th Annual Meeting, San Francisco, 2012.
- 2013 "Variants and Subtypes of Diffuse Large B-Cell Lymphoma" (invited talk). UCSF 29th Annual Current Issues in Anatomic Pathology, 2013.
- 2013 "Double Hit Lymphomas" (invited talk). UCSF 29th Annual Current Issues in Anatomic Pathology, 2013.
- 2013 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). American Society for Clinical Pathology, Annual Meeting, Chicago, 2013.
- 2013 "Double Hit Lymphomas: Very High Grade B-Cell Lymphomas Masquerading as Treatable Entities" (invited talk). American Society for Clinical Pathology, Annual Meeting, Chicago, 2013.
- 2013 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). College of American Pathologists, Annual Meeting, Orlando, 2013.
- 2014 "Mimics of Lymphoma on Routine Biopsies" (invited talk). UCSF 30th Annual Current Issues in Anatomic Pathology, 2014.
- 2014 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). College of American Pathologists, Annual Meeting, Chicago, 2014.
- 2014 "Double Hit Lymphomas: Very High Grade B-Cell Lymphomas Masquerading as Treatable Entities" (invited talk). American Society for Clinical Pathology, Annual Meeting, Tampa, 2014.
- 2014 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). American Society for Clinical Pathology, Annual Meeting, Tampa, 2014.
- 2015 "Distinctive Lymphomas of Head and Neck" (invited talk). UCSF 31st Annual Current Issues in Anatomic Pathology, 2015.
- 2015 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). College of American Pathologists, Annual Meeting, Nashville, 2015.
- 2015 "Double Hit Lymphomas: Very High Grade B-Cell Lymphomas Masquerading as Treatable Entities" (invited talk). American Society for Clinical Pathology, Annual Meeting, Long Beach, 2015.



- 2015 "Hodgkin Lymphoma: What Every Practicing Pathologist Needs to Know" (invited talk). American Society for Clinical Pathology, Annual Meeting, Long Beach, 2015.
- 2016 "Lymphoma Update: What's New in the New WHO Classification" (invited talk). UCSF 32nd Annual Current Issues in Anatomic Pathology, 2016.
- 2016 "The 2016 Revision of the WHO Classification of Lymphoid Neoplasms: Implications for the Diagnostic Pathologist" (invited talk). California Society of Pathologists, 69th Annual Meeting, San Francisco, 2016.

### **INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS**

- 1997 Visiting Professor of Pathology, University of New Mexico, Albuquerque , New Mexico, 1997: Two invited talks: "Hodgkin's Disease: Does It Exist?" (Grand Rounds), "Classification of the Non-Hodgkin's Lymphomas" One resident slide seminar: "Non-Hodgkin's Lymphomas"
- 1999 Invited Speaker, University of Hawaii/Queen's Medical Center Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, Honolulu, Hawaii, 1999: Invited talk: "Pathologic Evaluation of the Sentinel Lymph Node"
- 2001 Invited Speaker, Permanente Foundation Sentinel Lymph Node Biopsy Conference, Berkeley, California, 2001: Invited talk: "Pathologic Evaluation of the Sentinel Lymph Node"
- 2004 Invited Speaker, Kaiser Permanente Medical Center, Oakland, California, 2004: Invited talk: "Pathology of Hodgkin's Disease" (Grand Rounds)
- 2005 Featured Speaker, Northern California Kaiser Fall Pathology Symposium, Oakland, California, 2005: Two talks: "Normal Lymph Node Histology and Patterns of Reactive Hyperplasia", "Sentinel Lymph Node Pathology"

### **CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT ACTIVITIES**

- 2004 United States and Canadian Academy of Pathology, 93rd Annual Meeting, Vancouver, Canada
- 2004 UCSF 7th Annual Current Issues in Anatomic Pathology, San Francisco, CA
- 2004 UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, CA
- 2005 UCSF 8th Annual Current Issues in Anatomic Pathology, San Francisco, CA
- 2005 South Bay Pathology Society Spring Meeting, Monterey, CA
- 2005 UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, CA
- 2006 United States and Canadian Academy of Pathology, 95th Annual Meeting, Atlanta, GA
- 2006 UCSF 9th Annual Current Issues in Anatomic Pathology, San Francisco, CA
- 2006 South Bay Pathology Society Spring Meeting, Monterey, CA

2006 International Academy of Pathology XXVI International Congress, Montreal, Canada

2006 UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, CA

2007 UCSF 10th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2007 South Bay Pathology Society Spring Meeting, Monterey, CA

2007 UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, CA

2007 UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, CA

2007 California Society of Pathologists, 60th Annual Convention, San Francisco, CA

2008 UCSF 11th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2008 South Bay Pathology Society Spring Meeting, Monterey, CA

2008 UCSF Lymphatic Mapping and Selective Sentinel Lymph Node Dissection Course, San Francisco, CA

2009 United States and Canadian Academy of Pathology, 98th Annual Meeting, Boston, MA

2009 South Bay Pathology Society Spring Meeting, Monterey, CA

2009 UCSF 12th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2009 American Society for Clinical Pathology Annual Meeting, Chicago, IL

2010 South Bay Pathology Society Spring Meeting, Monterey, CA

2010 UCSF 13th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2010 American Society for Clinical Pathology Annual Meeting, San Francisco, CA

2011 South Bay Pathology Society Spring Meeting, Monterey, CA

2011 UCSF 14th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2011 American Society for Clinical Pathology Annual Meeting, Las Vegas, NV

2012 United States and Canadian Academy of Pathology, 101st Annual Meeting, Vancouver, Canada

2012 South Bay Pathology Society Spring Meeting, Monterey, CA

2012 UCSF 15th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2012 American Society for Clinical Pathology Annual Meeting, Boston, MA

2012 California Society of Pathologists, 65th Annual Meeting

2012 European Association for Haematopathology, 16th Meeting, Lisbon, Portugal

2013 South Bay Pathology Society Spring Meeting, Monterey, CA

2013 American Society for Clinical Pathology Annual Meeting, Chicago, IL

2014 UCSF 30th Annual Current Issues in Anatomic Pathology, San Francisco, CA

2013 American Society for Clinical Pathology Annual Meeting, Chicago, IL

2014 College of American Pathologists Annual Meeting, Chicago, IL

2014 American Society for Clinical Pathology Annual Meeting, Tampa, FL

2014 European Association for Haematopathology, 17th Meeting, Istanbul, Turkey

2014 All Wales Lymphoma Panel Lymphoma Course, Cardiff, UK

2015 UCSF 31st Annual Current Issues in Anatomic Pathology, San Francisco, CA

2015 College of American Pathologists Annual Meeting, Nashville, TN

2015 City of Hope Neoplastic Hematopathology Update: Lymphoma Symposium, Pasadena, CA

2015 American Society for Clinical Pathology Annual Meeting, Long Beach, CA

2016 UCSF 32nd Annual Current Issues in Anatomic Pathology, San Francisco, CA

#### **SERVICE ACTIVITIES SUMMARY**

*Since my last advancement, my service activities have focused on my duties as Director of the UCSF Pathology Residency Training Program, which occupies about 50% of my time (and much more in some months). As Residency Director, I am responsible for all aspects of resident education and training to assure compliance with standards established by the Accreditation Council for Graduate Medical Education (ACGME), the American Board of Pathology, and the UCSF Office of Graduate Medical Education. I am also responsible for the monitoring and evaluation of resident performance, assessment of residency competency, and for resident counseling, remediation, and discipline. I bore primary responsibility for the preparation for our program's most recent inspection by the ACGME in October 2011, for which we received a perfect review. The ACGME re-certified our program for the maximum term of 5 years, and several aspects of our training program were singled out for special praise by the ACGME for their high quality, including our use as a resident assessment tool of the Residency Training and Professional Development Record (RTPDR), which I personally developed. I also wrote the application to the ACGME for an increase in our resident complement from 32 to 38, which was approved, enabling our program to accommodate AP-only and CP-only residents in their third year of training, which they are now authorized to spend in non-ACGME-certified subspecialty fellowships, such as GI/Liver pathology. I chair the Semi-Annual Resident Evaluation Meetings of the Pathology teaching faculty, as well as the Annual Pathology Residency Program Evaluation Meeting attending by both teaching faculty and residents, and a member of the Clinical Competency Committee. Finally, I play a lead role in recruitment of new residents to our program, which includes the screening of resident applications, conducting interviews with all applicants invited to visit our program, making follow-up telephone calls and e-mails to applicants having questions or deemed highly attractive to the department, preparing the applicant Rank Order Lists for the yearly Match, and chairing meetings of the Resident Selection Committee.*

## **UCSF CAMPUSWIDE**

- 1995 - 1999 Member, UCSF Mt. Zion Patient Care Committee
- 1996 - 1997 Member, UCSF Mt. Zion Physician Due Process Hearing Panel
- 1996 - 2000 Co-Director UCSF Cancer Center Tissue Core Facility
- 1997 - 1999 Member, UCSF Mt. Zion Quality Improvement Executive Committee
- 1997 - 2000 Member, UCSF Cancer Center Program Planning Committee
- 1998 - 1999 Vice-Chair, UCSF Mt. Zion Surgical Case & Hospital Mortality Review Committee
- 1998 - 2000 Member, UCSF Quality of Care Committee

## **SCHOOL OF MEDICINE**

- 2000 - present Member, UCSF Graduate Medical Education Council
- 2016 - present Co-Director, UCSF Hematopathology Service

## **DEPARTMENTAL SERVICE**

- 1998 - 2000 Chair, UCSF Pathology Department Quality Assurance Committee
- 2000 - present Director, UCSF Pathology Residency Training Program

## **COMMUNITY AND PUBLIC SERVICE**

- 2001 - present As Spokesperson for College of American Pathologist, I have appeared in Video News Releases concerning Home Testing Kits and Diabetes Screening, which have appeared on local news broadcasts across the country.

## **TEACHING SUMMARY**

My formal teaching consists of lectures and other scheduled teaching sessions for both the UCSF medical students and UCSF pathology residents. In the medical school, I give lectures, lead small group discussion sessions, and teach laboratory sessions, mainly in the Mechanisms, Methods, and Malignancies (M3) medical school course (IDS106). Currently, I give a lectures to the entire medical school class on the Pathology of the Leukemias and Lymphomas, as part of the Hematology block of the M3 course. Small group sessions focus on analysis of clinical scenarios relevant to topics covered in lecture, and are intended to solidify clinical concepts for the medical students. Medical student lab sessions aim to familiarize medical students with the pathologic features of various disease entities. Currently, I am responsible, along with Dr. Anne Deucher of the UCSF Dept. of Laboratory Medicine, for the Hematopathology Lab session, which I designed and created with former faculty member Dr. Joan Etzell.

My medical school lectures and other teaching sessions have been very well received. My lecture on Pathology of the Leukemias was twice nominated by the medical students for their award known as "An Outstanding Lecture." In October 2014, my expanded lecture series on Pathology of the Leukemias and Lymphomas was given the award for "Outstanding Lecture

Series" by the UCSF Medical School classes of 2016 and 2017. The following are the comments made by these students in their evaluations of these lectures:

- "I think Dr. Treseler is hands down the best pathology lecturer I have had while at UCSF. His lecture was easy to understand and he highlighted the most important information while simultaneously being incredibly engaging."
- "Dr. Treseler's Lymphoma Pathology lecture was a master-class in how to communicate a large amount of complex information extremely well. His ability to balance knowledge, humor, and clarity led to a lecture that was edifying and extremely engaging. I fully expect to remember key concepts from his lecture for years to come, and it will bring a smile to my face when it does."
- "Dr. Treseler is an outstanding lecturer. He demonstrates not only a mastery of the subject material, but an ability to think and communicate about it on a higher, more conceptual level. His humor and personality shine through as well, making his two lectures on pathology two of the best hours of lecture I have yet received in medical school."
- "Dr. Tresler did an outstanding job delivering the leukemia and lymphoma pathology lectures this year in M3. His delivery was very clear, and his methods for dividing and categorizing the pathologies really helped me absorb the material. He had great slides, and gave a great presentation, complete with humor, good speed, and a very great level of detail, not too little or too much but just enough."
- "Outstanding lecturer. His lectures were the most helpful and direct of the entire block."
- "Extremely funny and engaging. Good use of powerpoint, and good use of time!"
- "Wonderful lectures!! Very clear, well-organized, engaging. Great use of images and anecdotes. Your excitement was infectious, and you did a great job highlighting the most important points."
- "His enthusiasm really got the information across in a memorable way."
- "Dr. Treseler is wonderful! I usually dread pathology, but he makes the material so approachable and makes a story out of the information."
- "Interesting and thorough. Really liked this lecture."
- "Lectures in a manner that was easy to follow and highlighted important facts to know."
- "Dr. Treseler was fantastic. He explained difficult concepts in an organized and logical way that was very easy to understand."
- "Really loved Dr. Treseler's enthusiasm and thought he explained concepts very well."
- "Dr. Treseler was really fun to learn from. I thought he explained concepts really well and I left the lecture having learned many key summary and take-home points."
- "So much enthusiasm! I loved how Dr. Treseler at times anthropomorphizes cellular processes (i.e. the death of B-cells in the germinal center). It makes it so much easier to remember them! Overall, good, clear organization and a great way to lay the framework for the leukemias and lymphomas."
- "These lectures were great. Pace and tone were appropriate. The content was digestible. I loved that he incorporated a little history to spice things up. Great path lectures."
- "Amazing job, lots of energy, good slides, good syllabus section."
- "The best path lectures we've had, the lecture on lymphomas was particularly engaging and informative."
- "Dr. Tresler knocked it out of the park this year in delivering the leukemia and lymphoma lectures in M3. A bad pathology lecture can be pretty excruciating, but Dr. Tresler did a phenomenal job both educating and entertaining us. One part of what made his lectures so good was the careful crafting of frameworks to help us remember the material. His frameworks were clear, helpful, and easy to remember. He would introduce the framework, then move through the individual pathologies to fill in the blanks. I found myself referring back to his slides and syllabus sections multiple times while reviewing this material, because they made such

great guides, even when moving on to the clinical material not technically covered in the pathology lectures. Dr. Tresler had an incredibly entertaining classroom presence this year in M3. He would have a short story, or would anthropomorphize some of the diseases, in ways that made remembering their features easier. I too, will never be able to look at germinal centers the same way again either, but in addition to the screams of countless dying B cells, I will also recall bursts of student laughter as Dr. Tresler explained the concept of Hodgkin Lymphoma! Finally, the general material Dr. Tresler delivered was done at an excellent pace, and with a great level of detail, just enough, not too little or too much. His delivery was great, and his answers to questions were very clear. Fantastic job!"

The following are the comments made by the same students in their evaluations of my performance in the accompanying Leukemia and Lymphoma Laboratory Session that followed the lectures:

- "Dr. Treseler's enthusiasm for teaching and for the material is clear and is infectious. It was a pleasure learning from him."
- "Dr. Treseler was an outstanding pathology leader and was incredibly helpful throughout the session."
- "Dr. Tresler was helpful in answering our questions and giving a comprehensive overview. He is very detail oriented and knowledgeable about the field."
- "Really great teacher with lots of enthusiasm for the material and answering questions."
- "Amazing teacher."
- "Treseler's the man."
- "Dr. Treseler is amazing! He has a unique ability to make path more fun to learn. He is able to make Path into a story."

I also give formal teaching sessions to the UCSF pathology residents and fellows. As Residency Director, I helped to create our current series of didactic lectures, the Resident Teaching Conferences, which are given to pathology residents each Monday, Wednesday, and Friday from noon to 1 PM. While these lectures do not have a course number, they are a rigorous and structured series of didactic lectures, given by experts in each field, which attempt to acquaint the residents with the fundamentals of diagnostic anatomic pathology. In this series, I give 12 one-hour lectures on lymphomas and benign lymphoid pathology as well as 2 one-hour lectures on endocrine pathology. I also give unknown slide conferences on the same topics to the residents after my lectures, to give our trainees a chance to learn how to recognize pathologic entities "on glass." I also teach pathology residents informally during sign-out of surgical pathology cases. In my role as a practicing surgical pathologist and hematopathologist at UCSF Medical Center, I review all cases during sign-out with a resident or fellow, quizzing them regarding their opinion of the case and how they would either diagnose it or proceed with further work-up, then adding my insights as we jointly decide how to narrow the differential diagnosis and reach a final diagnosis.

Our residents and fellows seem to like my teaching, and I have twice been awarded the Pathology Department Teaching Award by our trainees. The following are the comments made in confidential evaluations by our residents and fellows regarding my teaching in lectures and/or diagnostic sign-out during the most recently completed academic year:

- "Such a great teacher!"
- "The entire lymphoma and lymph node series is well-organized, comprehensive, approachable, and delivered with enthusiasm. The sections on differential diagnosis are especially helpful. Frequent images, and lots of repetition, make the whole series valuable."
- "Very engaging and interesting!"

- “Great lectures - very entertaining!”
- “Great lecture!”
- “Very helpful lecture!”
- “Excellent lecture!”
- “Great as always”
- “Wonderful lecture”
- “Very collegial, excellent resident rapport. Pleasant to work with, knowledgeable, and lets residents take ownership of cases for follow-up.”
- “It is always great to sign out with Dr. Treseler. I appreciate when he references his powerpoints or important literature during our sign-out to reinforce teaching points. He is a very respectful attending and patient. He is one of the best educators in the department.””
- “Very kind and helpful and always willing to teach. I enjoyed signing out every time.””
- “Enjoyable and educational sign-outs. Dr. Treseler also strikes a good balance in allowing ownership of, and responsibility for, our cases.””
- “Excellent resident teaching conferences and ability to stimulate interest and facilitate learning during lecture and unknown sessions.””

### FORMAL TEACHING

Not UCSF	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2004 - 2005	IDS 106: Metabolism/Nutrition	Small Group Instructor, 4 one-hour sessions; Lab Instructor, 1 two-hour session		20, 20
	2004 - 2005	IDS 103: Cancer Block	Lecture "Path. of Leukemias & Lymphomas"; Small Group Instructor, 2 one-hour sessions; Lab Instructor, 1 two-hour session		150, 20, 20
	2005 - 2006	IDS 106: Metabolism/Nutrition	Small Group Instructor, 4 one-hour sessions; Lab Instructor, 1 two-hour session		20, 20
	2006 - 2007	IDS 103: Cancer Block	Lecture "Path. of Leukemias & Lymphomas"; Small Group Instructor, 2 one-hour sessions; Lab Instructor, 1 two-hour session		150, 20, 20
	2006 - 2007	IDS 106: Metabolism/Nutrition	Small Group Instructor, 4 one-hour sessions; Lab Instructor, 1 two-hour session		2020

Not UCSF	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2007 - 2008	IDS 103: Cancer Block	Lecture "Path. of Leukemias & Lymphomas"; Lab Instructor, 1 two-hour session		150, 20
	2007 - 2008	IDS 106: Metabolism/Nutrition	Lab Instructor, 4 two-hour sessions		20
	2008 - 2009	IDS 103: Cancer Block	Lecture "Path. of Leukemias & Lymphomas"; Lab Instructor, 1 two-hour session		120, 20
	2008 - 2009	IDS 106: Metabolism/Nutrition	Lab Instructor, 4 two-hour sessions		20
	2009 - 2010	IDS 103: Cancer Block	Lecture "Path. of Leukemias & Lymphomas"; Lab Instructor, 3 two-hour session		120, 20
	2009 - 2010	IDS 106: Metabolism/Nutrition	Lab Instructor, 4 two-hour sessions		20
	2010 - 2011	IDS 103: Cancer Block	Lecture "Path. of Leukemias & Lymphomas"; Lab Instructor, 1 two-hour session		120, 20
	2011 - 2012	IDS 106: Mechanisms, Methods, and Malignancies	Lecture "Path. of the Leukemias"; Lecture "Path. of the Lymphomas"; Lab Instructor, 1 two-hour session		120, 20
	2012 - 2013	IDS 106: Mechanisms, Methods, and Malignancies	Lecture "Path. of the Leukemias"; Lecture "Path. of the Lymphomas"; Lab Instructor, 1 two-hour session		120, 20
	2013 - 2014	IDS 106: Mechanisms, Methods, and Malignancies	Lecture "Path. of the Leukemias"; Lecture "Path. of the Lymphomas"; Lab Instructor, 1 two-hour session		120, 20



Not UCSF	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2014 - 2015	IDS 106: Mechanisms, Methods, and Malignancies	Lecture "Path. of the Leukemias"; Lecture "Path. of the Lymphomas"; Lab Instructor, 1 two-hour session		120, 20
	2016 - 2016	IDS 106: Mechanisms, Methods, and Malignancies	Lecture "Path. of the Leukemias"; Lecture "Path. of the Lymphomas"; Lab Instructor, 1 two-hour session		120, 20

### INFORMAL TEACHING

2002 - present Surgical Pathology Sign-Out (average 1 hours per day with Surgical Pathology resident or fellow at microscope, with additional 2 hours finalizing and releasing reports)

2002 - present Hematopathology Sign-Out (average 2 hours per day with hematology resident and hematopathology fellow at microscope, with additional 3 hours finalizing and releasing reports)

### MENTORING SUMMARY

*My mentoring duties have mainly focused on the pathology residents, for whose training and career planning I am directly responsible as Residency Director. I meet privately with each of the residents at least twice each academic year, during October and April. During these meetings, I review their performance for the prior 6-month period based their evaluations from faculty and staff, their scores on exams such as the Resident In-Service Examination, their teaching and research activities, their self-identification and self-correction of practice deficiencies, and their addition of cases to portfolios, which are all required to meet regulations for their training established by the Accreditation Council for Graduate Medical Education and American Board of Pathology. Based on these, I make specific recommendations and help them set specific goals to stay on track to acquire competency to practice pathology by the end of their training. Finally, we discuss their career goals, how those goals may have changed since the time of our last meeting, and how they should organize their training in both the short term (e.g., choice of elective rotations and clinical research projects) and long term (e.g., choice of fellowship and subspecialty training) to best achieve their ideal occupation, be it basic research, academic practice, or community practice. Having myself spent years in all three of these areas has made me, I believe, well suited to this task, and helping residents design training that allows them to*

*secure exactly the position they want for their career is actually my very favorite part of being Residency Director. I encourage residents to stop by to discuss training and career choices at any time during the academic year, and many take me up on this offer.*

**POSTDOCTORAL FELLOWS AND RESIDENTS MENTORED**

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2000 - 2002	Ellen Moffatt, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Asst. Medical Examiner, San Francisco Med. Examiner's Off.
2000 - 2003	James Grenert, MD, PhD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2000 - 2003	Shannon Mulholland, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, St. Mary's Hosp., San Francisco
2000 - 2002	Dawn Darbonne, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, Santa Clara Valley Med. Ctr.
2000 - 2002	Merill Hines, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Assistant Medical Examiner, Harris County Medical Examiner's Office, Houton, TX

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2000 - 2003	Lorelle Carley, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, Alta Bates Summit Medical Center, Oakland, CA
2000 - 2002	Amy Heerema, MD	Pathology Resident and Fellow		Supervised in 2 projects presented at national meetings (one of which won national award), Performance evaluation and career counseling	Consultant Pathologist, Cleveland Clinic, Cleveland, OH
2000 - 2002	Joseph Rabban, MD	Pathology Resident and Fellow		Supervised in 2 projects presented at national meetings, Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2000 - 2004	Andrew Szmit, MD, PhD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, Alameda County Medical Center, Oakland, CA
2000 - 2002	Andrew Horvai, MD, PhD	Pathology Resident and Fellow		Supervised in 2 projects resulting in presentation at national meeting & 2 peer-review publications, Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2001 - 2004	Sally Agersborg, MD, PhD	Pathology Resident and Fellow		Supervised training as Hematopathology Fellow, Performance evaluation and career counseling	Hematopathologist & Medical Director, NeoGenomics Laboratories, Irvine, CA

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2001 - 2003	Hal Berman, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Toronto General Hospital, Univ. of Toronto, Canada
2001 - 2003	Emily Howard, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Children's National Medical Center, Washington, DC
2001 - 2006	Dean Joelson, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Piedmont Hospital, Atlanta, GA
2001 - 2003	Marta Margeta, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2001 - 2003	Evelyn Nakagawa, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Hospitalist, Kindred Hospital, San Leandro, CA
2001 - 2002	Sheila Niewmierzycka , MD, PhD	Pathology Resident		Supervised in 2 projects presented at national meetings, Performance evaluation and career counseling	Staff Scientist, Gladstone Institute, San Francisco, CA

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2001 - 2004	Ken Schneider, MD, PhD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, Alameda County Medical Center, Oakland, CA
2002 - 2003	Mathew Greenberg, MD	Pathology Resident and Fellow		Performance evaluation and career counseling	Attending Pathologist, Providence St. Vincent Medical Center, Portland, OR
2002 - 2006	Tony Yang, MD, PhD	Pathology Resident		Supervised training as Hematopathology Fellow, Performance evaluation and career counseling	Attending Pathologist, St. Mary's Regional Medical Center, Reno, NV
2002 - 2004	Nicholas Byrne, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, John Muir Medical Center, Walnut Creek
2002 - 2004	Tony Karnezis, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Molecular Pathology Fellow, University of British Columbia, Vancouver, Canada
2002 - 2005	Imran Siddiqi, MD, PhD	Pathology Resident		Supervised training as Hematopathology Fellow, Performance evaluation and career counseling	Attending Pathologist, USC Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2002 - 2005	Rebecca Swain, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Alta Bates Summit Medical Center, Oakland, CA
2003 - 2004	Anil Bagri, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Director of Analytic Pathology, BioMarin Pharmaceuticals, San Rafael, CA
2003 - 2005	Erika Bracamonte, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Univ. of Arizona Health Sci. Center, Tucson, AZ
2003 - 2005	L. Walden Browne, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Kaiser-Permanente, Antioch, CA
2003 - 2006	Anne Buckley, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Duke University Medical Center
2003 - 2006	Joaquin Garcia, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Mayo Clinic, Rochester, MN

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2003 - 2006	Elizabeth Hosfield, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Kaiser-Permanente, Oakland, CA
2003 - 2006	Lorren Jackson, MD	Pathology Resident		Performance evaluation and career counseling	Forensic Pathologist, Univ. of New Mexico Med. Ctr., Tucson, AZ
2003 - 2005	Jennifer Raffel, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, St. Luke's Med. Ctr., Phoenix, AZ
2003 - 2005	Brad Stohr, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2004 - 2005	Karuna Garg, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2004 - 2006	Judy Doyle, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, California Pacific Medical Center, San Francisco, CA
2004 - 2006	Judy Pang, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Univ. of Michigan Medical Center, Ann Arbor, MI

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2004 - 2006	Seema Parikh, MD	Pathology Resident		Supervised in project resulting in presentation at national meeting, Performance evaluation and career counseling	Medical Assessor, Licensing Div., Medicines & Healthcare Products Regulatory Agency (FDA equivalent) , London, UK
2004 - 2006	David Park, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Pathology, Inc., Torrance, CA
2004 - 2007	Raga Ramachandran , MD, PhD	Pathology Resident		Supervised in project resulting in presentation at international meeting Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2004 - 2008	Edward Thornborrow, MD, PhD	Pathology Resident		Supervised training as Hematopathology Fellow, Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2004 - 2006	Annemieke VanZandt, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2005 - 2008	Amanda Doherty, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Kaiser Permanente Medical Center, Santa Clara, CA



Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2005 - 2007	Han Lee, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, San Francisco V.A. Medical Center
2005 - 2007	Stephanie McAlhany, MD, PhD	Pathology Resident		Supervised training as Hematopathology Fellow, Performance evaluation and career counseling	Hematopathologist, Integrated Oncology, Brentwood, TN
2005 - 2007	Lily Pang, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, St. Joseph's Medical Center, Stockton, CA
2005 - 2007	Andrea Pingitore, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, St. Mary's Med. Ctr., San Francisco
2005 - 2007	Jochen Schaefer, MD	Pathology Resident		Performance evaluation and career counseling	Attending Dermatopathologist, Univ. Connecticut Health Center
2005 - 2007	Nafis Shafizadeh, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, John Muir Med. Ctr., Walnut Creek, CA
2006 - 2008	Helen Bailey, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Santa Clara Valley Med. Ctr.

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2006 - 2008	Michael Barnes, MD	Pathology Resident		Performance evaluation and career counseling	Post-doctoral Research Fellow, UCSF Medical Center
2006 - 2009	Michael Bonham, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathologist, Genomic Health, Redwood City, CA
2006 - 2008	Patrick Devine, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Post-Doctoral Research Scholar, Gladstone Institute, San Francisco
2006 - 2008	Ryan Gill, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2006 - 2008	Anne Huang, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Rogue Valley Med. Ctr., Medford, OR
2006 - 2008	John Jalas, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, St. John's Medical Center, Santa Monica, CA
2006 - 2008	Kuang-Yu Jen, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2006 - 2008	José Otero, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Ohio State Univ. Med. Ctr., Columbus, OH
2007 - 2009	Thomas Chou, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, O'Connor Hospital, San Jose
2007 - 2009	Michael Deftos, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Santa Clara Valley Med. Ctr.
2007 - 2009	Kimberly Evason, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Clinical Instructor, Dept. of Pathology, UCSF Medical Center
2007 - 2009	Petros Giannikopoulos, MD	Pathology Resident		Performance evaluation and career counseling	Director, Clinical Genomics, Driver Group LLC, San Francisco, CA
2007 - 2009	Teresa Hyun, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Hematopathologist, Fred Hutchinson Cancer Ctr, Univ. of Washington Med. Center, Seattle, WA

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2007 - 2009	Aras Mattis, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Clinical Instructor, Dept. of Pathology, UCSF Medical Center
2008 - 2010	Michael Cascio, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Oregon Health Science Univ., Portland, OR
2008 - 2010	Soo-Jin Cho, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2008 - 2011	Ellen Krasik, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Greater Cincinnati Pathologists, Cincinnati, OH
2008 - 2011	J. Michael Lindsey, MD	Pathology Resident		Performance evaluation and career counseling	Pathologist, Central Coast Pathology, San Luis Obispo, CA
2008 - 2010	Thuy Nguyen, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Mills-Peninsula Med. Ctr., South San Francisco, CA

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2008 - 2010	Michael Nystrom, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Kaiser-Permanente Med. Ctr., San Francisco, CA
2008 - 2010	Maria Vergara-Lluri, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, USC Norris Cancer Center, Los Angeles, CA
2008 - 2010	Anatoly Urisman, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Post-doctoral Research Fellow, UCSF Medical Center
2009 - 2011	Sarah Calkins, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, San Francisco V.A. Medical Center
2009 - 2012	Carey Eberle, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2009 - 2011	Brandie Firetag, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, San Francisco General Hospital
2009 - 2012	Vijay George, MD	Pathology Resident		Performance evaluation and career counseling	Cytopathology Fellow, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2009 - 2011	Anne Hiniker, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Post-Doctoral Research Fellow, UCSF Medical Center
2009 - 2011	Cynthia Jimenez, MD	Pathology Resident		Performance evaluation and career counseling	Pathologist, Diagnostic Pathology Medical Group, Sacramento, CA
2009 - 2010	Elizabeth Losada, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pediatrician, Kaiser Oakland Med. Ctr.
2009 - 2011	Agne Naujokas, DO	Pathology Resident		Performance evaluation and career counseling	Dermatopathologist, Atlanta Dermatopathology, Atlanta, GA
2009 - 2011	Heather Pua, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Post Doctoral Research Fellow, UCSF Medical Center
2009 - 2012	Tara Saunders, MD	Pathology Resident		Performance evaluation and career counseling	Cytopathology Fellow, UCSF Medical Center
2009 - 2011	Kristie White, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2010 - 2012	Sara Barcia, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, Mt. Auburn Hospital, Cambridge, MA
2010 - 2012	Jessica Davis, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2010 - 2014	Jessica Finn, MD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2010 - 2013	Gillian Hale, MD	Pathology Resident		Performance evaluation and career counseling	Liver/GI Pathology Fellow, UCSF Medical Center
2010 - 2013	Nancy Joseph, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Attending Pathologist, UCSF Medical Center
2010 - 2011	Gregor Krings, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Clinical Instructor, Dept. of Pathology, UCSF Medical Center
2010 - 2012	Gerald Reis, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Surgical Pathology Fellow, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2010 - 2012	Gabrielle Rizzuto, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Post-doctoral Research Fellow, UCSF Medical Center
2011 - 2012	Nhu Thuy Can, MD	Pathology Resident		Performance evaluation and career counseling	Surgical Pathology Fellow, UCSF Medical Center
2011 - 2013	Jennifer Cotter, MD	Pathology Resident		Performance evaluation and career counseling	Neuropathology Fellow, UCSF Medical Center
2011 - 2014	Jessica Farrell, DO	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2011 - 2014	Patricia Goldhoff, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2011 - 2014	Yuna Kang, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2011 - 2014	Christopher Liverman, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2011 - 2013	Dianna Ng, MD	Pathology Resident		Performance evaluation and career counseling	Epidemiology Fellow, Centers for Disease Control, Atlanta, GA



Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2011 - present	Melike Pekmezci, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2011 - 2013	Charity Hope, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - present	Jamal Benhamida, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - present	Amber Nolan, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - 2013	Stephanie Lieser, MD	Pathology Resident		Performance evaluation and career counseling	Pediatrics Resident, UC Davis Medical Center
2012 - 2013	Emily Nelson, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, Johns Hopkins Univ. Med. Ctr.
2012 - present	Carolyn Sangokoya, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - 2014	David Solomon, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Neuropathology Fellow, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2012 - present	Jonee Taylor, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - present	Alex Thurman, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - present	Sarah Umetsu, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - 2014	Matthew Wood, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Neuropathology Fellow, UCSF Medical Center
2012 - 2014	Benjamin Buelow, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2012 - 2014	Cyril Jacquot, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Dana Balitzer, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Brianne Daniels, DO	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2013 - present	Ursula Lang, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Michelle Moh, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Jeanette Ruiz, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Christos Tsokos, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Emily Waterhouse, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2013 - present	Gregory Bean, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2014 - present	Jarish Cohen, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2014 - present	Nancy Greenland, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center

Dates	Name	Fellow	Mentor Role	Faculty Role	Current Position
2014 - present	Nicholas Ladwig, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2014 - present	Su-Yang Liu, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2014 - present	Giselle Lopez, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2014 - present	Daniel Roberts, MD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center
2014 - present	Kwun-Wah Wen, MD, PhD	Pathology Resident		Performance evaluation and career counseling	Pathology Resident, UCSF Medical Center

### FACULTY MENTORING

Dates	Name	Position while Mentored	Mentor Type	Mentoring Role	Current Position
2000 - 2002	Yunn-Yi Chen, MD, PhD	Asst. Prof. Path. UCSF Med. Center		Career Advice	Assoc. Prof. of Clin. Pathology, Univ. of California, San Francisco

Dates	Name	Position while Mentored	Mentor Type	Mentoring Role	Current Position
2004 - 2005	Frederick Baehner, MD	Asst. Prof. Path. UCSF Med. Center		Career Advice	Asst. Adjunct Prof. of Pathology, Univ. of California, San Francisco
2011 - present	Ryan Gill, MD, PhD	Assistant. Prof. Pathology, UCSF		Career Advice	Assoc. Prof. Pathology, UCSF

### VISITING FACULTY MENTORED

2000 - 2002 Alessandra D'Avanzo, MD, University of Naples

### RESEARCH PROGRAM (SEPARATE SUMMARY)

#### Molecular Biology of Primary CNS Lymphoma

With Dr. James Rubenstein of the UCSF Division of Hematology & Oncology, I am engaged in several studies of the molecular biology of primary CNS lymphoma, an aggressive and peculiarly angiotropic form of non-Hodgkin's lymphoma. Employing cDNA microarray analysis to compare the gene expression signature of primary CNS lymphomas with nodal large B-cell lymphomas, we have been able to demonstrate that while individual cases of primary CNS lymphomas could be classified as germinal center B-cell, activated B-cell, or type 3 large B-cell lymphoma, brain lymphomas are distinguished from nodal large B-cell lymphomas by high expression of regulators of the unfolded protein response (UPR) signaling pathway, by expression of the oncogenes MYC and Pim-1, and by distinct regulators of apoptosis. We were also able to identify high levels expression in CNS lymphomas of several IL-4-induced genes, including X-box binding protein 1 (XBP-1), a regulator of the UPR. In addition, we demonstrated expression of the activated form of STAT6, a mediator of IL-4 signaling, by tumor cells and tumor endothelia in CNS lymphomas; high expression of activated STAT6 in tumors was associated with short survival CNS lymphoma patients. Based on both our morphologic, immunophenotypic, and genetic analysis of human CNS lymphomas, we also recently proposed a revision to the standard pathologic classification of the CNS lymphomas that is of prognostic significance.

In addition, I worked with Dr. Rubenstein and his team to develop a mouse model of CNS lymphoma (the first such animal model ever developed), which is now being used to analyze biologic factors important in CNS lymphoma progression, and to test the efficacy of anti-neoplastic agents.

This year, I also completed a collaborative study with Dr. Rubenstein to determine if the basic biology of primary CNS lymphoma in HIV-positive patients has changed since the development of combination antiretroviral therapy (cART) in the late 1990s. Spurred by clinical observations that patient survival in the cART era appears greatly improved, and correlates with

normalization of peripheral blood CD4 counts, the hypothesis was that CNS lymphoma in current HIV-positive patients more closely resemble those of the pre-AIDS era than the highly aggressive tumors of early AIDS era. This multi-center study, which was recently published in *Neuro-Oncology*, in fact demonstrated that CD4+ T-cell reconstitution in AIDS patients with primary CNS lymphoma correlated with long-term survival and a good response to regimens featuring high-dose methotrexate, suggesting that such patients do not need to undergo more aggressive therapies, such as whole brain radiotherapy, which were considered standard first-line therapy in the pre-cART era.

### **Molecular Epidemiology of Non-Hodgkin's Lymphomas**

With Dr. Elizabeth Holly and Dr. Paige Bracci of the UCSF Department of Epidemiology & Biostatistics, I have served as a co-investigator in an NIH-funded study aimed at elucidating the molecular epidemiology of non-Hodgkin's lymphomas, the risk factors for which remain poorly characterized and even more poorly understood, but which appear to involve a complicated interplay of environmental factors with the host immune system. As the sole pathologist involved in this study, I personally reviewed and classified nearly 3,000 cases of non-Hodgkin's lymphomas, using a new classification system for lymphoid neoplasms developed for the purpose of facilitating epidemiologic studies published in *Blood* in an article that I co-authored with an international panel of hematopathologists and epidemiologists. The relation of these pathologic features with a wide variety of epidemiologic risk factors, both genetic and environmental, is currently being analyzed.

### **RESEARCH AWARDS - PAST**

- |  |                        |            |            |
|--|------------------------|------------|------------|
| 1. R01CA87014-05   | Co-Investigator        |            |            |
| National Cancer Institute  |                        | 2001-05-01 | 2008-09-20 |
| Molecular Epidemiology of Non-Hodgkin's Lymphomas (Principal Investigator: Elizabeth A. Holly) (10% Effort) (1 year extension) | \$ 912,528 direct/yr 1 |            |            |

### **PEER REVIEWED PUBLICATIONS**

1. Varanasi U, Gmur DJ, Treseler PA. Influence of time and mode of exposure on biotransformation of naphthalene by juvenile starry flounder (*Platichthys stellatus*) and rock sole (*Lepidopsetta bilineata*). *Arch Environ Contam Toxicol*. 1979; 8(6):673-92.
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## BOOKS AND CHAPTERS

1. Treseler PA. The Pathology of Hodgkin's Disease. Chapter 20 *In ACS Atlas of Clinical Oncology: Malignant Lymphomas* (Grossbard M, ed.) Hamilton, Ontario: B.C. Decker, Inc., 2002.
2. Treseler PA. Pathologic Examination of the Sentinel Lymph Node. Chapter 5 *In Atlas of Selective Sentinel Lymphadenectomy for Melanoma, Breast Cancer, and Colon Cancer* (Leong S, ed.) New York: Kluwer Academic Publishers, 2002.
3. Treseler PA, Ranchod, M. Lymph Nodes, Spleen, and Extranodal Lymphomas. Chapter 16 *In Intraoperative Consultation in Surgical Pathology* (Ranchod M, ed.) Cambridge, NY: Cambridge University Press, 2010.

4. Treseler PA, Higgins JP. Hematopoietic Tumors of the Liver. Chapter 30 *In Intraoperative Consultation in Surgical Pathology* (Ferrell LD, Kakar S, eds.) New York, NY: Demos Medical Publishing, 2011.

## **OTHER PUBLICATIONS**

1. Treseler PA. Antigenicity and Immunogenicity of Corneal Allografts in the Rat. PhD Thesis (Immunology). Durham, North Carolina: Duke University, 1985.

## **SIGNIFICANT PUBLICATIONS**

1. Gupta NK, Nolan A, Omuro A, Reid EG, Wang CC, Mannis G, Jaglal M, Chavez JC, Rubinstein PG, Griffin A, Abrams DI, Hwang J, Kaplan LD, Luce JA, Volberding P, Treseler PA, Rubenstein JL. Long-term survival in AIDS-related primary central nervous system lymphoma. *Neuro Oncol.* 2016 Aug 30. pii: now155. [Epub ahead of print] PubMed PMID: 27576871.

In this study, I reviewed the biopsy material to confirm the diagnosis of high-grade primary CNS lymphoma, and subtyped the tumors according to standard immunohistochemical prognostic markers. I also reviewed and edited the manuscript.

2. Wieduwilt MJ, Valles F, Issa S, Behler CM, Hwang J, McDermott M, Treseler P, O'Brien J, Shuman MA, Cha S, Damon LE, Rubenstein JL. Immunochemotherapy with intensive consolidation for primary CNS lymphoma: a pilot study and prognostic assessment by diffusion-weighted MRI. *Clin Cancer Res.* 2012 Feb 15; 18(4):1146-55.

In this study, I reviewed the biopsy material to confirm the diagnosis of high-grade primary CNS lymphoma, and subtyped the tumors into the categories of diffuse large B-cell lymphoma, B-lymphoblastic leukemia/lymphoma, high-grade Burkitt-like B-cell lymphoma, aggressive B-cell lymphoma unspecified, and peripheral T-cell lymphoma, in order to permit analysis of response based on tumor type. I also reviewed and edited the manuscript.

3. Rubenstein JL, Shen A, Batchelor TT, Kadoch C, Treseler P, Shuman MA. Differential gene expression in central nervous system lymphoma. *Blood.* 2009 Jan 1; 113(1):266-7; author reply 267-8.

In this study, I assisted in the collection of cases of primary CNS lymphoma, reviewed each case to confirm the diagnosis, and interpreted a wide variety of immunohistochemical stains performed on each case, both scoring the intensity of the staining, and determining whether staining was present in neoplastic lymphocytes, reactive lymphocytes, histiocytes, dendritic cells, or other cell types. I also made original observations on the morphologic patterns displayed by various human CNS lymphomas, and from these proposed morphologic definitions that helped to define prognostically significant subgroups, which contributed to a new proposed classification system for CNS lymphomas. I also reviewed and edited the manuscript.

4. Morton LM, Turner JJ, Cerhan JR, Linet MS, Treseler PA, Clarke CA, Jack A, Cozen W, Maynadié M, Spinelli JJ, Costantini AS, Rüdiger T, Scarpa A, Zheng T, Weisenburger DD. Proposed classification of lymphoid neoplasms for epidemiologic research from the Pathology Working Group of the International Lymphoma Epidemiology Consortium (InterLymph). *Blood*. 2007 Jul 15; 110(2):695-708.

Several years ago, I was invited to work with a distinguished panel of international hematopathologists as part of the International Lymphoma Epidemiology Consortium (InterLymph) in order to develop a new classification scheme of lymphoid neoplasia designed to facilitate epidemiological studies of the malignant lymphoma. This effort, which included attending working meetings in York, England; Washington, DC; and Barcelona, Spain, resulted in the above publication. I was on the writing committee that actually composed the manuscript, which involved extensive discussions and negotiations with the other authors. I continue to work with this group on further additional projects.

## CONFERENCE ABSTRACTS

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10. Leong SPL, Achtem TA, Steinmetz I, Habib FA, Abbey KR, Miller, J, Allen RE, Morita E, Treseler P, Mraz S, Kashani-Sabet M, and Sagebiel R. Micrometastasis in sentinel lymph

nodes is a strong predictor of recurrence and death from metastatic melanoma. ASCO Proc, 1999.

11. Leong SPL, Nguyen L, Achtem T, Miller J, Ituarte P, Steinmetz I, Treseler P, Allen R, Morita E, Mraz S, Kashini-Sabet M, Sagebiel, R. Clinical significance of melanoma micrometastasis to sentinel lymph nodes and other high risk factors. ASCO Proc, 2000.
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13. Treseler PA, D'Avanzo A, Perrier N, Ituarte P, Clark OH. Histopathologic prognostic factors in follicular thyroid carcinoma: an attempt to quantify grading. Mod Pathol 13: 74A; 2000. (United States and Canadian Academy of Pathology, 89th Annual Meeting, March 2000)
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### **OTHER CREATIVE ACTIVITIES**

I developed the Residency Training and Professional Development Record (RTPDR) as self-assessment tool for our residents to use in assessing progress in meeting required ACGME competencies in Pathology. The development and use of this tool was singled out for special commendation by the ACGME at the time our most recent site visit in 2011.