

Curriculum Vitae
Danielle H. Carpenter, M.D.

Personal Information

Saint Louis University School of Medicine
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Current Position, Institution and start date

Associate Professor of Pathology 05/2017 - present
St. Louis University School of Medicine, St. Louis MO

Education

Postgraduate training:

Liver & Gastrointestinal Pathology Fellowship 07/12 - 06/13
Washington University School of Medicine, St. Louis MO
Selective Pathology Fellow (Surgical Pathology) 07/11 - 06/12
Washington University School of Medicine/Barnes-Jewish Hospital, St. Louis MO
Anatomic and Clinical Pathology Residency 07/08 - 06/11
Washington University School of Medicine/Barnes-Jewish Hospital, St. Louis MO
Anatomic and Clinical Pathology Residency 07/07 - 06/08
St. Louis University School of Medicine, St. Louis MO

Graduate degree and training:

M.D., St. Louis University School of Medicine, St. Louis, MO 08/02 - 05/07
Post-Sophomore Fellowship in Pathology 07/04 - 06/05
St. Louis University School of Medicine, Dept. of Pathology, St. Louis MO

Undergraduate degree and major:

B.S., Biology, St. Louis University 08/98 - 05/02
College of Arts and Sciences, St. Louis MO
B.A., Classical Humanities, St. Louis University 08/98 - 05/02
College of Arts and Sciences, St. Louis MO

Previous Professional experience

Instructor of Pathology 01/13 - 06/13
Washington University School of Medicine, St. Louis MO
Medical Director, Laboratory, Barnes Jewish West County Hospital 01/13 - 06/13
Creve Coeur, MO
Assistant Professor of Pathology 07/13 - 05/17
Washington University School of Medicine, St. Louis MO
Associate Director, Anatomic and Clinical Pathology Residency Program 01/13 - 05/17
Washington University School of Medicine, St. Louis MO

Hospital and Clinical Staff appointments

Barnes Jewish Hospital, staff pathologist July 2013 - present
St. Louis, MO
Barnes Jewish West County Hospital, staff pathologist Jan 2013 - present

Creve Coeur, MO

Board Certification and Licensure

Anatomic & Clinical Pathology, American Board of Pathology	07/11 - 12/21
Licensed Medical Physician & Surgeon, State of Missouri (No. 2011001894)	02/11 - 01/18
Licensed Medical Physician & Surgeon, State of Illinois (No. 036.136487)	09/14 - 07/17
Licensed Medical Physician, State of Michigan (No. 4301108804)	11/15 - 01/20

Professional Society memberships

National

- American Society for Clinical Pathology, Fellow (FASCP)
- College of American Pathologists, Fellow (FCAP)
- United States and Canadian Academy of Pathology (USCAP)
- Association of American Medical Colleges (AAMC)
- Association of Pathology Chairs-Residency Program Directors (APC/PRODS)

Regional

- Wagih Bari Society of St. Louis Pathologists

Honorary Societies, Honors and Awards

- John Kissane Faculty Teaching award (2016)
Washington University School of Medicine, Department of Pathology
- Louis Dehner Fellow Teaching award (2013)
Washington University School of Medicine, Department of Pathology
- Alpha Omega Alpha (2007)
- Phi Beta Kappa (2002)
- Summa Cum Laude (2002)
St. Louis University College of Arts and Sciences

Professional Services

Committee membership and administrative role:

National

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|---|--------------|
| Faculty Representative, Council of Faculty and Academic Societies | 2013-present |
| Association of American Medical Colleges (AAMC) | |

Medical School

- | | |
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| Member, Graduate Medical Education Committee | 2013-present |
| Subcommittee: Professionalism | 2015 |
| Subcommittee: Institutional PSQI Curriculum for All House Staff | 2015 |
| Review Team Member, Surgical Critical Care Fellowship | 2011 |

Pathology Department

- | | |
|---|----------------|
| Chair, Clinical Competency Committee | 2013 - present |
| Anatomic and Clinical Pathology Residency | |
| Member, Program Evaluation Committee | 2011 - present |
| Anatomic and Clinical Pathology Residency | |
| Member, Residency Selection Committee | 2013 - present |

CVFormat: Revised 11/08/2011, 3/7/12

(Modified based on input from Credentials Committee, Dean's Staff, Chairs Committee and Faculty Affairs Committee)

Anatomic and Clinical Pathology Residency
 Member, Program Evaluation Committee 2013 - present
 Liver & Gastrointestinal Pathology Fellowship

Hospital

Associate Director, Laboratory 07/13 - present
 Barnes Jewish West County Hospital
 Member, Medical Executives Committee 01/13 - 06/13
 Barnes Jewish West County Hospital

Community

Vice President, Wagih Bari Society of St. Louis Pathologists 10/16 - present

Current and Past Teaching Responsibilities

Administration

Associate Director, Anatomic and Clinical Pathology Residency 2013 - present
 Washington University School of Medicine/Barnes-Jewish Hospital, St. Louis MO

Courses and lectures or topics

Selective Course director, Hands-on Autopsy Experience (medical students) 2015 - present
 Washington University School of Medicine, St. Louis MO
 Lecturer, Cardiovascular pathology medical student lectures 2014 - present
 Washington University School of Medicine, St. Louis MO
 Instructor, Cardiac and Pulmonary medical student gross labs 2013 - present
 Washington University School of Medicine, St. Louis MO

Clinical Teaching Responsibilities

Anatomic Pathology Residency(Surgical and autopsy pathology) 2013 - present
 Washington University School of Medicine/Barnes-Jewish Hospital, St. Louis MO
 Selective Pathology (Surgical Pathology) Fellowship 2013 - present
 Washington University School of Medicine/Barnes-Jewish Hospital, St. Louis MO
 Selective Pathology (Head & Neck Pathology) Fellowship 2013 - present
 Washington University School of Medicine/Barnes-Jewish Hospital, St. Louis MO
 Liver and Gastrointestinal Pathology Fellowship 2013 - present
 Washington University School of Medicine, St. Louis MO
 Pulmonary Pathology Lectures for Radiology Residents 2013 - present
 Washington University School of Medicine, St. Louis MO
 Pulmonary Pathology Lectures for Pulmonology Fellows 2013 - present
 Washington University School of Medicine, St. Louis MO

Protégé

Fellows, residents, medical students:

Lilly Zhang (Medical Student Advisee)

Research Support

Current funding:

"Pathways Regulating Lung Transplant Tolerance"
 Role and % Appointment: Co-Investigator, 3%
 Principal Investigator: Daniel Kreisel, MD
 Funding Source: NIH

Grant # and Total Direct Budget: P01AI116501, \$971,553
 Period: 07/01/15 to 06/03/20

"Positron Emission Tomographic Imaging of Lung Transplant"

Role and % Appointment: Co-Investigator, 5%

Principal Investigator: Delphine L. Chen, MD and Andrew E. Gelman, PhD

Funding Source: NIH/NHLBI

Grant # and Total Direct Budget: 1R01HL121218-01, \$1,801,509

Period: 02/01/14 to 01/31/18

Bibliography

Peer reviewed articles:

1. Lewis JS Jr, Carpenter DH, Thorstad WL, Zhang Q, Haughey BH. Extracapsular Extension is a poor predictor of disease recurrence in surgically treated oropharyngeal squamous cell carcinoma. *Mod Pathol*, 2011 Nov; 24(11):1413-20.
2. Carpenter DH, El-Mofty SK, Lewis JS Jr. Undifferentiated carcinoma of the oropharynx: a human papillomavirus-associated tumor with a favorable prognosis. *Mod Pathol*. 2011 Oct; 24(10):1306-12.
3. Gnerlich JL, Luka SR, Deshpand AD, Dubray BJ, Weir JS, Carpenter DH, Brunt EM, Strasberg SM, Hawkins WG, Linehan DC. Microscopic Margins and Patterns of Treatment Failure in Resected Pancreas Adenocarcinoma. *Arch Surg*. 2012 Aug 1; 147(8):753-60.
4. Mitchem JB, Brennan D, Knolhoff B, Belt B, Zhu Y, Stanford D, Belaygorod L, Carpenter D, Collins L, Piwnica-Worms D, Hewitt S, Udupi GM, Gallagher W, Wegner C, West B, Wang-Gillam A, Goedegebuure P, Linehan DC, DeNardo D. Targeting Tumor Infiltrating Macrophages Decreases Pancreatic Tumor Initiating Cells and Improves Chemotherapeutic Response by Relieving Immune Suppression. *Cancer Res*. 2013 Feb; 73(3):1128-41.
5. Strasberg SM, Gao F, Sanford D, Linehan DC, Hawkins WG, Fields RC, Carpenter DH, Brunt EM, and Phillips C. Jaundice, an Important, Poorly Recognized Risk Factor for Diminished Survival In Patients with Adenocarcinoma of the Head of the Pancreas. *HPB (Oxford)*. 2013 Apr 22.
6. Sanford DE, Belt BA, Panni RZ, Mayer A, Deshpande AD, Carpenter D, Mitchem JB, Plambeck-Suess SM, Worley, LA, Goetz BD, Wang-Gillam A, Eberline TJ, Denardo DG, Goedegebuure SP, Linehan DC. Inflammatory Monocyte Mobilization Decreases Patient Survival in Pancreatic Cancer: A Role for Targeting the CCL2/CCR2 Axis. *Clin Cancer Res*. 2013 Jun 11.
7. Mehrad M, Carpenter DH, Chernock RD, Wang H, Ma XJ, Luo Y, Luo J, Lewis JS Jr, El-Mofty SK. Papillary Squamous Cell Carcinoma of the Head and Neck: Clinicopathologic and Molecular Features with Special Reference to Human Papillomavirus. *Am J Surg Pathol*. 2013 Sep; 37(9):1349-56.
8. Chen DL, Wang X, Yamamoto S, Carpenter D, Engle JT, Li W, Kreisel D, Krupnick AS, Huange HJ, Gelman AE. Increased T Cell Glucose Uptake Reflects Acute Rejection in Lung Grafts. *Am J Transplant* 2013 Aug 8. PMID: 23927673
9. Zhang L, Carpenter D, Dehner LP. Ruptured pericardial perivascular epithelioid cell tumor (PEComa) leading to sudden death: an autopsy case report and review of the literature. *Cardiovasc Pathol*. 2016 Jan-Feb;25(1):63-6.
10. Samson P, Puri V, Robinson C, Lockhart C, Carpenter D, Broderick S, Kreisel D, Krupnick AS, Patterson GA, Meyers B, Crabtree T. Clinical T2N0 Esophageal Cancer:

Identifying Pretreatment Characteristics Associated With Pathologic Upstaging and the Potential Role for Induction Therapy. *Ann Thorac Surg.* 2016 Jun; 101(6):2102-11.

11. Chernock RD, Bibbey S, El-Mofty SK, Carpenter DH, Lewis JS Jr. Expression of CDX2 and Thyroid Transcription Factor-1 in Oropharyngeal Undifferentiated Carcinomas: A Potential Diagnostic Pitfall. *Appl Immunohistochem Mol Morphol.* 2016 Jul 6

Book chapters

12. Carpenter DH, Brunt EM. Esophagus, In: *The Washington Manual of Surgical Pathology, 2nd Ed.*, Humphrey PA et al, eds., Lippincott Williams & Wilkins. 2012: 190-198.
13. Carpenter DH, Pfeifer JD, Huettner PC. Vulva, In: *The Washington Manual of Surgical Pathology, 2nd Ed.*, Humphrey PA et al, eds., Lippincott Williams & Wilkins. 2012: 558-565.
14. Devarakonda S, Carpenter D, Morgensztern D. Cancer of Unknown Primary Site, In: *The Washington Manual of Oncology, 3rd Ed.*, Govindan R, Morgensztern D., eds. Wolters Kluwer. 2015: 341-346.
15. Brunt EM, Carpenter DH. Cirrhosis and Portal Hypertension: Pathologic Aspects (Ch 76), In: *Blumgart's Surgery of the Liver, Biliary Tract, and Pancreas, 6th Ed.*, Jarnigan WR, et al, eds. Saunders. 2017: 1148-1160.

Abstracts

16. Ohausclio PJ, Carpenter D, Gutierrez FR, Rossi, S. Sickle Cell Disease-Clinical/Pathologic/Radiographic correlation. (Oral case presentation at Radiological Society of North America, Annual National Meeting, Chicago, November 26-Dec 2, 2016)

Supplemental Material

Invited Talks/Grand Rounds:

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| Microscopic Margins in Pancreatoduodenectomy
University of Minnesota Department of Pathology | 03/14 |
| Anatomic and Clinical Pathology: How to Interpret Pathology Reports
Mini-Medical School, Washington University Office of General Counsel | 09/12 |

Community Service/Civic Activities

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| Assistant Coach, Volleyball and Track & Field
Assumption Parish St. Louis Catholic Youth Council | 2015-present |
| Healthy Habits, Girl Scouts of Eastern Missouri Troop 2759 | 2016 |