

BIOGRAPHICAL SKETCH

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NAME: Hooper, Jody Elizabeth

eRA COMMONS USER NAME (credential, e.g., agency login): JHOOPER9

POSITION TITLE: Associate Professor of Pathology

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

| INSTITUTION AND LOCATION | DEGREE (if applicable) | Completion Date MM/YYYY | FIELD OF STUDY |
|---|---------------------------|----------------------------|-------------------------------------|
| University of Virginia, Charlottesville VA | B.A. | 05/1993 | Echols Scholar with Open Curriculum |
| George Washington University, Washington DC | M.D. | 05/1998 | Medicine |
| Naval Medical Center, San Diego CA | Internship | 05/1999 | General Surgery |
| Cedars-Sinai Medical Center, Los Angeles CA | Residency | 06/2007 | Anatomic and Clinical Pathology |
| Oregon Health and Science University, Portland OR | Fellowship | 06/2008 | Surgical Pathology |

A. Personal Statement

I am the new Director of Autopsy at Stanford University as of November 1, 2021 and will be creating a new rapid autopsy program here. As the Director of the Johns Hopkins Division of Autopsy as well as the Legacy Gift Rapid Research Autopsy program for the past six years, I have had extensive experience in both the clinical and research aspects of routine medical autopsy and rapid autopsy and have performed nearly 1100 autopsies. My research includes projects exploring physician and family attitudes towards autopsy and the utilization of rapid autopsy tissue in characterizing cancer evolution from genetic and immunologic standpoints. I personally have performed over 120 rapid autopsies, supporting collaborations with researchers for all organ systems, including melanoma, sarcomas, and cancers of the pancreas, prostate, kidney, ovary, and various neurologic neoplasms as well as scleroderma and genetic disorders. I have also had six years of experience at the faculty level as a general surgical pathologist and am qualified to provide gross and microscopic images and slide evaluation from tissues obtained during research cases. I personally performed initial COVID autopsies and developed protocols for performing them at JHH. The service performed 59 COVID autopsies during my tenure and I collaborated with 12 research groups for Sars-CoV-2 study.

Ongoing and recently completed projects that I would like to highlight include:

The Sol Goldman Pancreatic Research Center Grant, JHU.

PI: Jody Hooper, MD

Dates: 01/01/2019 – 12/31/2020

This grant provided funds for salary support for a new Pathology Instructor beginning in July as well as supplies and a contribution to costs of transportation for autopsy patients who died outside of the hospital setting.

Cancer Clinical Core Support Grant, NIH/NCI, JHU
P30CA006973

PI: William Nelson, MD, PhD

Dates: 10/2017-continuing (left JHH 2021)

Role: Director, Rapid Autopsy Program Core with 20% salary support

Support for Rapid Autopsy Cancer Core, used for personnel including Study Coordinator

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments

2021 Associate Professor of Pathology, Stanford University (pending administrative approval)

2021 Director of Autopsy, Stanford University

2018-2021 Associate Professor of Pathology, Johns Hopkins University School of Medicine.

2016-2019, Chair, Autopsy Committee, College of American Pathologists.

2015–2021 Director of Autopsy and of the Legacy Gift Rapid Autopsy Program, Johns Hopkins University School of Medicine.

2014-2018 Assistant Professor of Pathology, Johns Hopkins University School of Medicine.

2014–2015 Deputy Director of Autopsy, Johns Hopkins University School of Medicine.

2014-2016 Vice Chair, Autopsy Committee, College of American Pathologists.

2014 President, Executive Board, Oregon Pathologist Association.

2011-2014 Associate Medical Director of Autopsy, Oregon Health and Science University, Portland, OR.

2010-2014 Assistant Professor of Pathology, Oregon Health and Science University, Portland, OR.

2011-2014 Member, Autopsy Committee, College of American Pathologists.

2009-2014 Liaison from Oregon Pathologist Association to Oregon Medical Association.

2008-2010 Instructor of Pathology, Oregon Health and Science University, Portland, OR.

2003-present Member, United States and Canadian Academy of Pathology.

2003-present Member, College of American Pathologists.

2001-2003 General Medical Officer including Division Officer Acute Care Area (2002-2003),

Lieutenant/Lieutenant Commander, U.S. Navy Medical Corps (active duty), Branch Medical Clinic, Naval Air Station North Island, San Diego CA.

1999-2001 Medical Department Head, Lieutenant, U.S. Navy Medical Corps (active duty), San Diego based USS COMSTOCK (LSD 45) CA.

Honors

2015 Grover M. Hutchins Award, JHU.

2012 Portland Monthly Top Doctors Award, OHSU.

2001 Naval Commendation Medal for service aboard USS COMSTOCK, US Navy.

1993 Phi Beta Kappa, UVa.

1992 Alpha Omega Alpha Medical Honor Society, UVa.

C. Contributions to Science

1. The autopsy is now gaining in prominence in an increasingly outcome based medical system, particularly in the areas of diagnostic discrepancies and quality control and is being rediscovered as a tool for research.

Autopsy offers unique opportunities for investigation. The Johns Hopkins Autopsy Division not only collaborated on tissue procurement for 10-15 different research groups and several other cooperating institutions, but also participated in a unique study at JHU evaluating tissue damage due to intubation. I have acted as an advocate for the autopsy as the Chair of the National College of American Pathologists Autopsy Committee, have written numerous educational autopsy cases published by that organization, participated in developing the CAP's Autopsy Competency Dictionary webpage, and have made many presentations at the local and national levels on autopsy and its value.

a. **Hooper JE**, Padera RF, Dohnikoff M, Ferraz da Silva LF, Nunes Duarte-Neto A, Kapp ME, Lacy JM, Mauad T, Sadilva PHM, Rapkiewicz AV, Wolf DA, Felix JC, Benson P, Monteiro RAA, Shanes E, Gawelek KL, Marshall DA, McDonald MM, Muller W, Priemer DS, Solomon IH, Zak T, Bhattacharjee MB, Fu L, Gilbert AR, Harper HL, Litovsky S, Lomasney J, Mount SL, Reilly S, Sekulic M, Steffensen TS, Threlkeld KJ, Zhao B, Williamson AK. A postmortem portrait of the Coronavirus Disease 2019 (COVID-19) pandemic: A large multiinstitutional autopsy survey study. *Arch Pathol Lab Med* (2021). <https://doi.org/10.5858/arpa.2020-0786-SA>.

b. **Hooper** and Williamson (Eds), *Autopsy in the 21st Century: Best Practices and Future Directions*. Springer International Publishing (2019).

c. Davis GG, Winters GL, Buja M, Fyfe BS, **Hooper JE**, Iezzoni JC, Johnson RL, Markwood PS, Naritoku WY, Nashelsky M, Sampson BA, Steinberg JJ, Stubbs J, Timmons C, Hoffman R. Report and recommendations of the Association of Pathology Chairs' Autopsy Working Group. *Academic Pathology* 2018. Doi: 10.1177/2374289517744753.

d. **Hooper JE**, Geller SA. Relevance of the autopsy as a medical tool: a large database of physician attitudes. *Arch Pathol Lab Med* 2007; 131 (2): 268-274.

2) "Rapid" autopsy means conducting a postmortem examination of a patient on an urgent basis (measured in hours) to collect tissue (mostly cancers) to support different types of research. This activity allows for the investigation of large volumes of tumor tissue at a unique time point in the evolution of the tumor from a genetic and immunologic standpoint, when aggressive local and distant spread has occurred. I expanded the Hopkins Rapid Autopsy Program to encompass all organ systems and many cooperating laboratories. I have a number of personal research interests associated with my autopsy work, including how the time interval between death and collection (the PMI) affects the condition and research viability of the collected tissue, how valuable blood and tissue cultures behave after death, and how autopsy results affect clinical practice in an established information loop. I am also the co-editor of a book about autopsy practice and policy that includes the first two chapters on rapid research autopsy to appear in any book.

a. Makohon-Moore AP, Lipson EJ, **Hooper JE**, Zucker A, Hong, J, Bielski, CM, Hayashi A, Tokheim C, Baez P, Kappagantula R, Kohutek Z, Makarov V, Riaz N, Postow MA, Chapman PB, Karchin R, Socci ND, Solit DB, Chan TA, Taylor BS, Topalian SL, Iacobuzio-Donahue, CA The genetic evolution of treatment-resistant cutaneous, acral and uveal melanomas *Clin Cancer Res* 2020 December 15 DOI: 10.1158/1078-0432.CCR-20-2984

b. Iacobuzio-Donahue CA, Michael C, Baez P, Kappagantula R, **Hooper JE**, Hollman TJ. Cancer biology as revealed by the research autopsy. *Nat Rev Cancer*. 2019 Dec;19(12):686-697. doi: 10.1038/s41568-019-0199-4. PubMed PMID: 31519982; PMCID: PMC7453489.

c. Duregon E, Schneider J, DeMarzo AM, **Hooper JE**. Rapid research autopsy is a stealthy but growing contributor to cancer research. *Cancer*. 2019 Sep 1;125(17):2915-2919. doi: 10.1002/cncr.32184. PubMed PMID: 31090935; PMCID: PMC6690796.

d. Zarif JC, Baena-Del Valle JA, Hicks JL, Heaphy CM, Vidal I, Luo J, Lotan TL, **Hooper JE**, Isaacs WB, Pienta KJ, De Marzo AM. Mannose Receptor-positive Macrophage Infiltration Correlates with Prostate Cancer Onset and Metastatic Castration-resistant Disease. *Eur Urol Oncol*. 2019 Jul;2(4):429-436. doi: 10.1016/j.euo.2018.09.014. Epub 2018 Oct 19. PMID: 31277779; PMCID: PMC7039332.

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