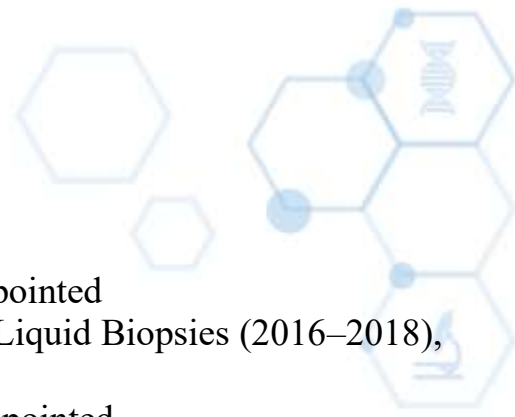




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  - Postgraduate Clinical Fellowships in Clinical Chemistry and Clinical Molecular Genetics and Genomics, Washington University School of Medicine, Saint Louis, Missouri
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    - Medical Director, Clinical Diagnostics Laboratories, Brotman-Baty Institute for Precision Medicine
    - Clinical Laboratory Director, Northwest Genomics Center, University of Washington Medical Center
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- **Professional Organizations:**
  - American Association for Clinical Chemistry (AACC)
    - Policy and External Affairs Core Committee (2019–2021), appointed
    - Chair, Molecular Pathology Division (2018–2020), elected
    - Annual Meeting Organizing Committee (2016–2017), appointed
    - Member-at-large, Cancer Diagnostics Division (2017–2019), elected
    - Secretary, Molecular Pathology Division (2015–2017), elected
    - Secretary, Pediatric Maternal-Fetal Medicine Division (2014–2019), elected
    - Treasurer, Molecular Pathology Division (2012–2014), elected
  - Association for Molecular Pathology (AMP)
    - Program Committee, Solid Tumors Representative (2018–2019), elected
    - Chair, Liquid Biopsy Working Group (2018–2021), appointed
    - Foundation for the NIH Biomarkers Consortium Cancer Steering Committee, ctDNA Reference Materials Project (2019–2021), appointed member



- College of American Pathologists
  - Genomics Education Working Group (2013–2014), appointed
  - ASCO/CAP Working Group on the Clinical Utility of Liquid Biopsies (2016–2018), appointed
  - Molecular Oncology Core Committee (2018–2023), appointed
- American Society of Clinical Pathology (ASCP)
  - Resident In-Service Exam (RISE) Committee (2016–2021), appointed
  - Undergraduate Training in Genomics Committee (2017–2021), appointed
- Academy of Clinical Laboratory Physicians and Scientists (ACLPS), elected
  - Annual Meeting Organizing Committee (2010–2011), appointed

### • Main Scientific Publications:

Cottrell CE, Al-Kateb H, Bredemeyer AJ, Duncavage EJ, Spencer DH, Abel HJ, **Lockwood CM**, Hagemann IS, O'Guin SM, Burcea LC, Sawyer CS, Oschwald DM, Stratman JL, Sher DA, Johnson MR, Brown JT, Cliften PF, George B, McIntosh LD, Shrivastava S, Nguyen TT, Payton JE, Watson MA, Crosby SD, Head RD, Mitra RD, Nagarajan R, Kulkarni S, Seibert K, Virgin HW 4th, Milbrandt J, Pfeifer JD. Validation of a next-generation sequencing assay for clinical molecular oncology. *Journal of Molecular Diagnostics* 2014; 16: 89-105 [original work].

Sehn JK, Hagemann IS, Pfeifer JD, Cottrell CE, **Lockwood CM**. Diagnostic utility of targeted next generation sequencing in problematic cases. *American Journal of Surgical Pathology* 2014; 38: 534-41 [original work].

Hagemann IS, Siddhartha D, **Lockwood CM**, Spencer DH, Guebert K, Bredemeyer AJ, Al-Kateb H, Nguyen TT, Duncavage EJ, Cottrell CE, Kulkarni S, Nagarajan R, Seibert K, Baggstrom M, Waqar SN, Pfeifer JD, Morgensztern D, Govindan R. Clinical next-generation sequencing in patients with non-small cell lung cancer. *Cancer* 2015; 38:534-41 [original work].

Davis JL, **Lockwood CM**, Albert K, Tsuchiya K, Hawkins DS, Rudzinski E. Infantile NTRK-associated mesenchymal tumors. *Pediatric and Developmental Pathology*, 2018; 21:68-78 [original work].

Dines JN, Eckel AE, Cheng EY, **Lockwood CM**. A paradigm shift: considerations in prenatal cell-free DNA screening. *Journal of Applied Laboratory Medicine*, 2018; 2:784-96, doi: 10.1373/jalm.2017.023119 [review].

Merker J, Oxnard G, Compton C, Diehn M, Hurley P, Lazar AJ, Lindeman N, **Lockwood CM**, Rai AJ, Schilsky R, Tsimberidou AM, Vasalos P, Billman BL, Oliver T, Bruinooge S, Hayes D, Turner N. Circulating tumor DNA analysis in patients with cancer: American Society of



Clinical Oncology and College of American Pathologists joint review. *Journal of Clinical Oncology*, 2018; 36:1631-41 and *Archives of Pathology and Laboratory Medicine*, 2018; 142:1242-53 [review].

Cole BL<sup>+</sup>, **Lockwood CM<sup>+</sup>**, Stasi S, Stevens J, Lee A, Ojemann JG, Ellenbogen RG, Leary SES. Year one in the molecular era of pediatric brain tumor diagnosis: Application of universal clinical targeted sequencing in an unselected cohort of children. *Journal of Clinical Oncology Precision Oncology*, 2018; 2:1-13, doi:10.1200/PO.17.00151 [original work]. <sup>+</sup>, authors contributed equally

**All of Us Research Program Investigators**, Denny JC, Rutter JL, Goldstein DB, Philippakis A, Smiller JW, Jenkins G, Dishman E. The “All of Us” Research Program. *New England Journal of Medicine*, 2019; 381:668-76 [original work].

Kuo A, Paulson V, Hempelmann J, Beighton M, Todhunter S, Colbert B, Salipante S, Konnick EQ, Prichard C, **Lockwood CM**. Validation and implementation of a modular targeted capture assay for the detection of clinically significant molecular oncology alterations, *Practical Laboratory Medicine*, 2020; 19:e00153, doi: 10.1016/j.plabm.2020.e00153 [original work].

Peddu V, Bradley B, Shree S, Colbert B, Xie H, Santo T, Huang M, Cheng E, Konnick E, Salipante S, Jerome K, **Lockwood CM**, Greninger AL. Highly fragmented cytomegalovirus nucleic acid in human cfDNA, *Scientific Reports*, 2020; 10:3734, doi: 10.1038/s41598-020-60655-6 [original work].

McEwen AE, Leary SES, **Lockwood CM**. Beyond the blood: CSF-derived cfDNA for diagnosis and characterization of CNS tumors, *Frontiers in Cell and Developmental Biology-Molecular Medicine*, 2020; 8:45, doi: 10.3389/fcell.2020.00045 [review].

Chu HY, Englund JA, Starita LM, Famulare M, Brandstetter E, Nickerson DA, Rieder MJ, Adler A, Lacombe K, Kim AE, Graham C, Logue J, Wolf CR, Heimonen J, McCulloch DJ, Han PD, Sibley TR, Lee J, Ilcisin M, Fay K, Burstein R, Martin B, **Lockwood CM**, Thompson M, Lutz B, Jackson M, Hughes JP, Boeckh M, Shendure J, Bedford T; Seattle Flu Study Investigators. Early detection of Covid-19 through a citywide pandemic surveillance platform, *New England Journal of Medicine*, 2020; doi: 10.1056/NEJMc2008646 Epub ahead of print [correspondence].