

Regina M. DelBaugh, DO, MS



Assistant Professor of Pathology
Associate Director of Transfusion Medicine
Associate Director of Apheresis
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Education

Postgraduate Medical Training

2023 - 2024 Fellowship, Transfusion Medicine
Dartmouth Health, Lebanon, NH

2019 - 2023 Residency, Anatomic and Clinical Pathology
Dartmouth Health, Lebanon, NH

Medical Education

2019 D.O. Philadelphia College of Osteopathic Medicine, Philadelphia, PA

Graduate Education

2013 M.S. Philadelphia College of Osteopathic Medicine, Philadelphia, PA

Undergraduate Education

2011 B.S. Saint Joseph's University, Philadelphia, PA

Licenses & Certifications

Virginia Medical License

Blood Banking/Transfusion Medicine, American Board of Pathology

Anatomic and Clinical Pathology, American Board of Pathology

Selected Awards & Honors

Martha and Michael J. Avallone Endowed Memorial Scholarship

Philadelphia College of Osteopathic Medicine Alumni Scholarship

Philadelphia College of Osteopathic Medicine Foundation Scholarship

Philadelphia College of Osteopathic Medicine Board of Trustees Scholarship

Saint Joseph's University Presidential Scholarship

Professional Service (outside)

2025 - present Cell Therapy Subcommittee, Clinical Applications Committee, Committee Member American Society for Apheresis (ASFA)

2025 - present Clinical Applications Committee, Committee Member American Society for Apheresis (ASFA)

2024 - present Donor Health and Safety Committee, Association for the Advancement of Blood and Biotherapies (AABB)

Selected Publications

Peer Reviewed Papers

DelBaugh RM, Murphy MF, Staves J, Fachini RM, Wendel S, Hands K, Bonet-Bub C, Kutner JM, Cohn CS, Cox CA, Jacquot C, Hasan RA, Lu W, Juskewitch JE, Raval JS, Rollins-Raval MA, Fung MK, Ziman A, Fermon EJ, Gorlin JB, Peters J, Dunbar NM; BEST foRmation of Anti-D After Rhogam (RADAR) Study Investigators and the Biomedical Excellence for Safer Transfusion (BEST) Collaborative. Why do people still make anti-D over 50 years after the introduction of Rho(D) immune globulin? A Biomedical Excellence for Safer Transfusion (BEST) Collaborative study. *Transfusion*. 2025 May;65(5):957-967. doi: 10.1111/trf.18202. Epub 2025 Mar 10. PMID: 40059673.

DelBaugh RM, Thomas B, Gower BJ, Condict B, Luitel A, Davis KN, Szczepiorkowski ZM, Kaufman RM, Dunbar NM. Double trouble: A baby with concurrent hemolytic disease of the fetus and newborn and neonatal alloimmune thrombocytopenia. *Transfusion*. 2025 Jan 4. doi: 10.1111/trf.18120. Epub ahead of print. PMID: 39754478.

DelBaugh RM, Kerr DA, Dominguez-Konicki L, et al. Metastatic Neuroendocrine Neoplasms to the Pancreas: Two Unusual Cases and a Review of the Literature. *International Journal of Surgical Pathology*. 2023;0(0). doi:10.1177/10668969231185067

Toland, Maris MD; Bentz, Jessica MD; Bonasia, Kyra MD; Damiano, Ella MD; **DelBaugh, Regina DO**; Gerjevic, Kristen MD. Uterine and Ovarian Histopathology in Transmasculine and Nonbinary Patients on Testosterone Compared to Cisgender Control Patients [ID: 1381367]. *Obstetrics & Gynecology* 141(5S):p 5S, 2023. DOI: 10.1097/01.AOG.0000929752.88321.bf

DelBaugh RM, Cook LJ, Siegel CA, Tsongalis GJ, Khan WA. Validation of a rapid HLA-DQA1*05 pharmacogenomics assay to identify at-risk resistance to anti-tumor necrosis factor therapy among patients with inflammatory bowel disease. *American Journal of Clinical Pathology* 2023. <https://doi.org/10.1093/ajcp/aqad036>.

Toland MK, Bonasia K, Bentz J, **DelBaugh RM**, Vitale EJ, Scudder PN, Damiano EA. Uterine and Ovarian Histopathology after Testosterone for Gender Affirmation: A Systematic Review. *Transgender Health* 2023. <https://doi.org/10.1089/trgh.2022.0207>.

Ondrasik RM, Khan J, Szczepiorkowski ZM, Levy JJ, Dunbar NM. Passive order auditing associated with reductions in red blood cell utilization: National blood shortage experience. *Transfusion*. 2022;62(8):1551–8. <https://doi.org/10.1111/trf.17008>.

Anderson B, **Ondrasik R**, Kaur P. Alder-Reilly Anomaly: Morphologic Clue in a Patient with Hunter Syndrome. *American Society of Hematology (ASH) Image Bank*. Category: Myeloid Disorders > Lysosomal storage disorders. Published Date: 04/20/2022.

Ondrasik RM, Creed C, Anderson SR, Green DC, Houde BE, Godwin KN, Vaickus LJ, Lefferts JA, Khan WA, Tsongalis GJ. Validation of a Rapid PCR-based Assay for BRAF V600 Status for Prognostication and Therapeutic Selection in Colorectal Cancer Patients. *J Molec Diagn* 2021;23, 1620 (ST24).

Ondrasik RM, Cook LJ, Siegel CA, Tsongalis GJ, Khan WA. Validation of a Rapid HLA-DQA1*05 Pharmacogenomics Assay to Identify At-Risk Resistance to Anti-TNF Therapy in Inflammatory Bowel Disease (IBD) Patients. *J Molec Diagn* 2021;23, 1572 (G17).