



Sharon Markham Geaghan

Associate Professor of Pathology at the Stanford University Medical Center,
Emerita

 Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Pathology

ADMINISTRATIVE APPOINTMENTS

- Member, Point of Care Resource Committee, College of American Pathologists, (2011-2013)
- Chair, Publications Committee, Society of Pediatric Pathology, (2012-2015)
- Task Force on Paediatric Laboratory Medicine, International Federation Clinical Chemistry, (2011-2013)
- Chair, Pediatric Maternal Fetal Division, American Association of Clinical Chemistry, (2012-2013)

HONORS AND AWARDS

- Award for Outstanding Contributions to Pediatric and Maternal-Fetal Laboratory Medicine, Association for Diagnostics & Laboratory Medicine (2024)
- 16th Annual Roger Boeckx Memorial Lecture, Children's National Medical Center, Washington D.C. (2012)
- Outstanding Speaker Award, American Association of Clinical Chemistry (2012)
- Outstanding Speaker Award, American Association of Clinical Chemistry (2011)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Pediatric Hematopathology, Pediatric Laboratory Medicine and Pathology

CLINICAL TRIALS

- IMAGE: A Comparison of AlloMap Molecular Testing and Traditional Biopsy-based Surveillance for Heart Transplant Rejection, Not Recruiting

Publications

PUBLICATIONS

- **Current and Future Indication for Testing and Use of Cardiac Troponin in Children.** *Clinical chemistry*
Aakre, K. M., Jeewa, A., Cullen, L., McCrindle, B. W., Geaghan, S., Decrue, F., Apple, F. S., Collinson, P. O., Hammarsten, O., Omland, T., Sandoval, Y., Mills, N. L., Jaffe, et al
2026
- **Commentary on Delayed Diagnosis of a Rare Metabolic Disorder in Adulthood.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2026

- **Commentary on Blue-Green Inclusions in Neutrophils: An Early Indicator of Poor Prognosis?** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on An Unusual Presentation of Falsely Elevated Free T4 Levels in a Young Woman.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on Two Different Pigments in the Peritoneal Fluid of a Child: What Is the Clinical Significance of Each?** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on Clinical and Molecular Characteristics of Patient with 11-Beta-Hydroxylase Deficiency.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on A Child with a Known Cancer Predisposition Syndrome and an Unusually Aggressive Clinical Course.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on Rifampicin Interference in Urinary Normetanephrine.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on Can Hemoglobin A1c Be Greater Than 100%? A Case of Homozygous Hemoglobin J-Iran.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on Acute Sodium Fluctuation in Altered Consciousness: A Puzzle or a Key to Diagnosis?** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Commentary on High HHV-6 Viral Load Detected in a CSF from an Adolescent Patient with Seizures.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2025
- **Considerations for applying emerging technologies in paediatric laboratory medicine.** *Clinical chemistry and laboratory medicine*
Lang, T., Geaghan, S., Loh, T. P., Mak, C., Papassotiriou, I., Kyriakopoulou, L. G.
2024
- **Commentary on Myocarditis or Myositis? Rising, Declining, and Rising of Critical Cardiac Troponin T Levels in a Patient Post Immune Checkpoint Inhibitor Therapy.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2024
- **The Medical Journal as Sentinel in Post-Market Medical Device and Drug Surveillance.** *The journal of applied laboratory medicine*
Geaghan, S. M.
2022
- **Emerging technologies in paediatric laboratory medicine** *JOURNAL OF LABORATORY MEDICINE*
Mak, C., Papassotiriou, I., Zierk, J., Kohse, K. P., Greaves, R. F., Geaghan, S. M. D., Lang, T., Loh, T., Ifcc Comm Emerging Technologies Pe
2021; 45 (6): 245-248
- **Interventions to prevent iatrogenic anemia: a Laboratory Medicine Best Practices systematic review.** *Critical care (London, England)*

- Whitehead, N. S., Williams, L. O., Meleth, S., Kennedy, S. M., Ubaka-Blackmoore, N., Geaghan, S. M., Nichols, J. H., Carroll, P., McEvoy, M. T., Gayken, J., Ernst, D. J., Litwin, C., Epner, et al
2019; 23 (1): 278
- **Effectiveness of Laboratory Practices to Reducing Patient Misidentification Due to Specimen Labeling Errors at the Time of Specimen Collection in Healthcare Settings: LMBP™ Systematic Review.** *The journal of applied laboratory medicine*
Sandhu, P. n., Bandyopadhyay, K. n., Ernst, D. J., Hunt, W. n., Taylor, T. H., Birch, R. n., Krolak, J. n., Geaghan, S. n.
2017; 2 (2): 244–58
 - **Laboratory diagnostic tools for personalized fetal medicine and improving neonatal outcomes.** *Clinical biochemistry*
Geaghan, S. M.
2014; 47 (9): 702-703
 - **Infection Transmission Associated with Point of Care Testing and the Laboratory's Role in Risk Reduction.** *EJIFCC*
Sharon, M. G.
2014; 25 (2): 188–94
 - **Fetal Laboratory Medicine: On the Frontier of Maternal-Fetal Medicine** *CLINICAL CHEMISTRY*
Geaghan, S. M.
2012; 58 (2): 337-352
 - **Diagnostic Test Sample Volume: How Much Is Too Much? Leveraging Point-of-Care Testing to Reduce Sample Volumes, Iatrogenic Anemia, and Transfusion Requirement in Adult Populations** *POINT OF CARE*
Geaghan, S.
2011; 10 (4): 157–62
 - **Diagnostic Laboratory Technologies for the Fetus and Neonate with Isoimmunization** *SEMINARS IN PERINATOLOGY*
Geaghan, S. M.
2011; 35 (3): 148-154
 - **Fetal health assessment in utero by laboratory technologies: Clinical benefits, risks and controversies** *12th International Congress of Pediatric Laboratory Medicine (ICPLM)*
Geaghan, S. M.
PERGAMON-ELSEVIER SCIENCE LTD.2011: 460–62
 - **Critical values for the maternal-fetal unit, fetus, infant, child and adolescent: Bilirubin reporting practice in North American Children's Hospitals as a paradigm for critical value reporting assessment** *12th International Congress of Pediatric Laboratory Medicine (ICPLM)*
Geaghan, S. M.
PERGAMON-ELSEVIER SCIENCE LTD.2011: 483–84
 - **Diagnostic Test Sample Volume: How Much Is Too Much?: Leveraging Point-of-Care Testing to Reduce Sample Volumes, Iatrogenic Anemia, and Transfusion Requirement in Adult Populations** *Point of Care The Journal of Near-Patient Testing and Technology*
Sharon M. Geaghan
2011; 10 (4): 157-162
 - **Teaching pediatric laboratory medicine to pathology residents** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
Pysher, T. J., Bach, P. R., Geaghan, S. M., Hamilton, M. S., Laposata, M., Lockitch, G., Brugnara, C., Coffin, C. M., Pasquali, M., Rinaldo, P., Roberts, W. L., Rutledge, J. C., Ashwood, et al
2006; 130 (7): 1031-1038
 - **Reduction in red blood cell transfusions using a bedside analyzer in extremely low birth weight infants.** *Journal of perinatology*
Madan, A., Kumar, R., Adams, M. M., Benitz, W. E., Geaghan, S. M., Widness, J. A.
2005; 25 (1): 21-25
 - **Imaging cell death with radiolabeled annexin V in an experimental model of rheumatoid arthritis** *JOURNAL OF NUCLEAR MEDICINE*
Post, A. M., Katsikis, P. D., Tait, J. F., Geaghan, S. M., Strauss, H. W., Blankenberg, F. G.
2002; 43 (10): 1359-1365
 - **Pediatric laboratory medicine - Current challenges and future opportunities** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Coffin, C. M., Hamilton, M. S., Pysher, T. J., Bach, P., Ashwood, E., Schweiger, J., Monahan, D., Perry, D., Rogers, B. B., Brugnara, C., Rutledge, J., Weiss, R., Ash, et al

2002; 117 (5): 683-690

- **Pathological case of the month - Primary bone lymphoma: Diffuse large B-cell type** *ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE*
Geaghan, S.
2001; 155 (3): 409-410
- **Hematologic values and appearances in the healthy fetus, neonate, and child** *CLINICS IN LABORATORY MEDICINE*
Geaghan, S. M.
1999; 19 (1): 1-?
- **DISAPPEARANCE OF EOSINOPHILS FROM BRONCHOALVEOLAR LAVAGE FLUID AFTER PATIENT EDUCATION AND HIGH-DOSE INHALED CORTICOSTEROIDS - A CASE-REPORT** *HEART & LUNG*
JANSONBJERKLIE, S., Fahy, J., Geaghan, S., Golden, J.
1993; 22 (3): 235-238
- **LACK OF EFFECT OF PROPHYLACTIC AEROSOLIZED PENTAMIDINE ON THE DETECTION OF PNEUMOCYSTIS-CARINII IN INDUCED SPUTUM OR BRONCHOALVEOLAR LAVAGE SPECIMENS** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
Ng, V. L., Geaghan, S. M., Leoung, G., Shiboski, S., Fahy, J., Schnapp, L., YAJKO, D. M., Hopewell, P. C., Hadley, W. K.
1993; 117 (5): 493-496
- **EFFECT OF AEROSOLIZED PENTAMIDINE PROPHYLAXIS ON THE CLINICAL SEVERITY AND DIAGNOSIS OF PNEUMOCYSTIS-CARINII PNEUMONIA** *AMERICAN REVIEW OF RESPIRATORY DISEASE*
Fahy, J. V., Chin, D. P., Schnapp, L. M., Steiger, D. J., SCHAUMBERG, T. H., Geaghan, S. M., Klein, J. S., Hopewell, P. C.
1992; 146 (4): 844-848
- **TOXOPLASMA-GONDII PNEUMONITIS IN PATIENTS INFECTED WITH THE HUMAN-IMMUNODEFICIENCY-VIRUS** *ARCHIVES OF INTERNAL MEDICINE*
Schnapp, L. M., Geaghan, S. M., Campagna, A., Fahy, J., Steiger, D., Ng, V., Hadley, W. K., Hopewell, P. C., Stansell, J. D.
1992; 152 (5): 1073-1077
- **CLINICAL AND PATHOLOGICAL FEATURES OF BACILLARY PELIOSIS HEPATIS IN ASSOCIATION WITH HUMAN-IMMUNODEFICIENCY-VIRUS INFECTION** *NEW ENGLAND JOURNAL OF MEDICINE*
PERKOCHA, L. A., Geaghan, S. M., YEN, T. S., Nishimura, S. L., Chan, S. P., GARCIAKENNEDY, R., Honda, G., STOLOFF, A. C., Klein, H. Z., Goldman, R. L., VanMeter, S., Ferrell, L. D., LeBoit, et al
1990; 323 (23): 1581-1586