

Stanford



Sharon Markham Geaghan

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

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

- Outstanding Speaker Award, American Association of Clinical Chemistry (2011)
- Outstanding Speaker Award, American Association of Clinical Chemistry (2012)
- 16th Annual Roger Boeckx Memorial Lecture, Children's National Medical Center, Washington D.C. (2012)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Pediatric Hematopathology, Pediatric Laboratory Medicine and Pathology

Publications

PUBLICATIONS

- **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. 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., Shibuski, 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*

PERKOWICH, 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