

## CLINICAL INFORMATICS

This is a two-year ACGME-accredited fellowship includes cross-disciplinary learning for physicians from different medical specialties. Training includes specialized coursework in foundational CI as well as healthcare analytics, cybersecurity, and data science. Fellows will work with the program director to develop an individualized learning plan including foundational knowledge as well as elective opportunities (e.g., healthcare business intelligence, machine learning/artificial intelligence, population/community health, bioinformatics for large scale-nucleic acid sequencing and clinical metabolomics, sensor data/internet of things). Each fellow will actively participate in healthcare analytics and process improvement projects to analyze data from different data sources (clinical, operational, financial, community, etc.). The program includes faculty from multiple clinical departments at UTHSCSA and University Health System (UHS) as well as outside faculty with considerable experience in data science, applied analytics, predictive modeling, and machine learning/artificial intelligence, based at: The University of Texas at San Antonio (UTSA), The Southwest Research Institute (SwRI), and Health Access San Antonio (HASA).

**Numbers of positions:** 1 per academic year

**Applications:**

CAP Standard Application accepted.

Send inquiries to: Maria Gomez  
Dept. of Pathology, UT Health San Antonio,  
7703 Floyd Curl Drive, MC 7750, San Antonio,  
TX 78229  
**Phone:** (210) 567-4010  
**Fax:** (210) 567-4637  
**E-mail:** [gomezm10@uthscsa.edu](mailto:gomezm10@uthscsa.edu)

## CYTOPATHOLOGY

This one-year fully accredited program provides advanced training in diagnostic cytology. The experience includes daily sign-out of gynecologic and nongynecologic specimens as well as training in the performance and interpretation of fine needle aspiration biopsies. Participation in conferences and teaching of pathology residents and cytotechnology students is required.

Involvement in clinical research is also encouraged. Cytology specimens from the University Hospital and the South Texas Veterans Health Care System, Audie L. Murphy Division, approximate total 20,000 annually, of which 5,000 are nongynecologic specimens. The latter group includes approximately 1,000 fine needle aspiration biopsies.

There are 4 faculty who do cytopathology, 2 of which are fellowship trained.

**Number of positions:** 2

**Applications:**

CAP Standard Application accepted.

Send inquiries to: Philip T. Valente, MD, Director, Dept. of Pathology, UT Health San Antonio, 7703 Floyd Curl Drive, MC 7750, San Antonio, TX 78229  
**Phone:** (210) 567-4010  
**Fax:** (210) 567-4637  
**Email:** [valentep@uthscsa.edu](mailto:valentep@uthscsa.edu)

## HEMATOPATHOLOGY

This is a one-year, fully accredited fellowship in hematology/hematopathology with an optional non-accredited second year dedicated to research in hematopathology. The hematopathology fellowship includes comprehensive training in laboratory hematology and interpretation of tissue biopsies performed for hematolymphoid disorders. The accredited year of fellowship training includes core training in the clinical hematology laboratory at University Hospital and the flow cytometry, molecular diagnostics and cytogenetics laboratories in the South Texas Reference Laboratories at UTHSCSA. Clinical training includes interpretation of peripheral blood films, body fluid preparations, bone marrow aspirates and biopsies, lymph node and other tissue diagnosis, work-up of patients with hemostasis/thrombosis disorders, flow cytometry immunophenotyping, cytogenetics, molecular diagnostics, and immunohistochemistry. The program emphasizes integration of multi-parameter studies in the diagnosis of diseases of the hematopoietic and lymphoid systems and delivery of quality patient care. The fellow actively participates in teaching medical students and residents.

**Number of positions:** 2

**Applications:**

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**E-mail:** [gomezm10@uthscsa.edu](mailto:gomezm10@uthscsa.edu)

## SURGICAL PATHOLOGY

This is a one-year program designed to give the fellow experience working at the junior faculty level. The fellowship is based at the University Hospital, with annual surgical pathology volume of 24,000 specimens.

Clinical duties include daily review of RUSH and STAT cases, serving as first-line consultant to resident and student trainees, frozen section interpretation, organization of conferences, participation in surgical pathology quality improvement activities, and review of outside consult cases.

There are 8 AP faculty, and participation in scholarly activities is essential. Electives are available in Cytopathology, Dermatopathology, Hematopathology, Breast, Bone and Soft Tissue, Pulmonary, Immunocytochemistry, Molecular, Nephropathology, and Neuropathology.

**Number of positions:** 2

**Applications:**

CAP Standard Application accepted.

Send inquiries to: Daniel Mais, MD, Director, Dept. of Pathology, UT Health San Antonio, 7703 Floyd Curl Drive, MC 7750, San Antonio, TX 78229  
**Phone:** (210) 567-4010  
**Fax:** (210) 567-4637  
**E-mail:** [mais@uthscsa.edu](mailto:mais@uthscsa.edu)

## TRANSFUSION MEDICINE

This is a one-year fully accredited fellowship in blood banking/transfusion medicine. The primary training site is a tertiary care teaching hospital offering services in multiple specialties, including solid organ transplantation, cardiovascular, Level 1 trauma, and neonatal intensive care. A fellowship affiliated hospital is a national referral center for bone marrow transplantation. Exposure to the operations of a blood and tissue center is provided at the large regional blood and tissue center. The fellow receives training in immunohematology, histocompatibility, relationship testing, donor center supervision, therapeutic apheresis, transfusion therapy, hemostasis, flow cytometry, molecular pathology. Education is based upon participation in daily activities, consultations, conferences, didactic sessions. Teaching pathology residents is an integral part of the fellowship. The fellow may choose and complete a project during the year. Completion of an ACGME accredited residency program, preferably in Pathology, is required. Facilities include University Hospital; South Texas Veterans Health Care System, Audie L. Murphy Division; South Texas Blood and Tissue Center; DNA Reference Laboratory; South Texas Reference Laboratories, UTHSA

**Number of positions:** 1

### Applications:

CAP Standard Application accepted.

Send inquiries to: Leslie Greebon, M.D., Director, Dept. of Pathology, UT Health San Antonio, 7703 Floyd Curl Drive, MC7750, San Antonio, TX 78229

**Phone:** (210) 567-4010

**Fax:** (210) 567-4637

**E-mail:** [greebon@uthscsa.edu](mailto:greebon@uthscsa.edu)



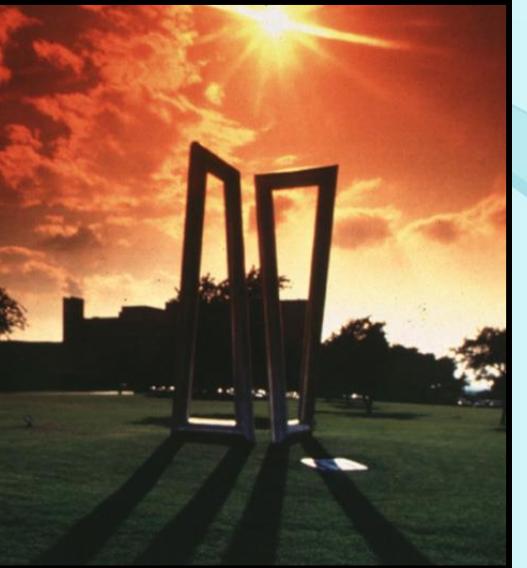
**UT Health**  
San Antonio  
Pathology & Laboratory Medicine

The Department of Pathology at UT Health San Antonio, has been in existence since 1966 and now consists of 32 full time faculty members as well as adjunct faculty members from the community. The Pathology Residency Training Program currently consists of 16 residents and 6 Fellows. The clinical activities of the department are housed in the University Health System, University Hospital, South Texas Veterans Health Care System, Audie Murphy Division, and the Health Science Center South Texas Pathology Reference Laboratories, and offer a full range of diagnostic activities for patient care. The faculty is respected nationally and internationally for their diagnostic and investigational expertise. The research activities of the department are broadly based and include research on the basic mechanisms of cellular injury and death, pulmonary dysplasia, chondrogenesis, bone and tooth development, prostate cancer, plasma cell myeloma and translational studies of breast cancer. The department recognizes the critical role of Pathology as a discipline that touches all of medicine and research and our goal is to foster collaborative studies.

Website: [pathology.uthscsa.edu](http://pathology.uthscsa.edu)



**UT Health**  
San Antonio  
Pathology & Laboratory Medicine



## FELLOWSHIPS

### CLINICAL INFORMATICS



### CLINICAL INFORMATICS

**Bradley B. Brimhall, M.D.** – Director

Dr. Brimhall is the Medical Director of Clinical Informatics/Healthcare Analytics/Bioinformatics, as well as staff pathologist on hematopathology and transfusion medicine services. He is active in regional, state, and national collaborative healthcare analytics and process improvement projects. He is board certified in APCP pathology as well as CI. He was invited to serve on the national Clinical Informatics Practice Analysis Task Force sponsored by the American Medical Informatics Association. His research endeavors focus on laboratory utilization/quality, population/community health, and machine learning/artificial intelligence.



### CYTOPATHOLOGY

**Philip T. Valente, M.D.** – Director

Dr. Valente is the Director of Cytology at University Hospital and Director of the Cytopathology Fellowship. He is also Professor of Pathology and Obstetrics and Gynecology and works closely with the OB-GYN department. A native of New York City, Dr. Valente has been teaching medical students, residents and fellows at the UTHSA for over twenty-five years. He has been active in many local, state and national professional societies and is currently on the Executive Board of the American Society of Cytopathology. He has been listed in the Best Doctors in San Antonio Magazine.



### HEMATOPATHOLOGY

**Kenneth N. Holder, M.D.** - Director

Dr. Holder is a board-certified hematopathologist. Clinical duties include consultation and diagnosis of benign and malignant hematopoietic disorders and coagulation disorders. Dr. Holder is engaged in teaching future physicians and pathologists as co-director of the UTHSA medical student hematology module. His research interests include genetic and immunophenotypic abnormalities of anaplastic large cell lymphoma and angiogenesis in large B-cell lymphomas.



### SURGICAL PATHOLOGY

**Daniel Mais, M.D.** – Director

Expertise is in all areas of diagnostic Surgical Pathology, particularly hepatic, pulmonary, and neuropathology. Dr. Mais is the Director of Surgical Pathology at University Hospital and works closely with the department of surgery on a variety of clinical and scholarly activities. A native of San Antonio, Dr. Mais has been involved with teaching residents for over fifteen years, previously within the Army Medical Department, American Society for Clinical Pathology, College of American Pathologists, and Texas Society of Pathologists, and now as Associate Professor at UTHSA.



### TRANSFUSION MEDICINE

**Leslie J. Greebon, M.D.** – Director

Dr. Greebon is board certified in Anatomic/Clinical Pathology, Blood Banking/Transfusion Medicine and Hematopathology. She is a member of ASA, SCABB, AABB, SASP, BCMS, AMA, TMA, TSP and CAP. Program Director of the Specialist in Blood Banking School - a post medical technologist graduate school program providing advanced training in blood bank technologies, techniques and services. The program is a partnership between University Health System Blood Bank, BioBridge Global and University of Texas Medical Branch SBB Program. Academic duties include teaching residents, medical students, and fellows Transfusion Medicine Service.