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# THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

San Antonio, TX

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## PROGRAMS OFFERED

The Department of Pathology at The University of Texas Health Science Center in San Antonio offers a complete residency training program with a variety of options to be chosen by the trainee. Training is available for individuals wishing to pursue a combined AP/CP program. The program consists of four years of core training in AP and CP. Up to six months of electives are available in the 4-year program. Core rotations are divided between University Hospital and Audie Murphy Veterans Affairs Hospital. Anatomic pathology rotations include surgical pathology, cytology, and autopsy with advanced training in electron microscopy, immunohistochemistry, renal pathology, neuropathology, breast pathology, and oral, head and neck pathology. Clinical pathology rotations include hematology, blood banking, clinical chemistry, immunology and microbiology with advanced training in hematology, molecular pathology, flow cytometry, coagulation, apheresis, cytogenetics, and special mycology techniques. Besides the usual duties expected in each rotation, residents prepare and participate in formal and informal presentations for departmental and interdepartmental conferences, journal clubs and research conferences. Residents participate in medical student teaching and monthly city-wide pathology conferences. The program requires participation in ongoing clinical or basic research projects and provides support for residency research experiences and presentations at state and national meetings.

## TYPES AND NUMBERS OF APPOINTMENTS

The residency program is fully accredited for 16 AP/CP positions; clinical and research fellowships are also offered. Three to five first-year resident positions are routinely available each year.

## FACILITIES

The 604-bed University Hospital opened in 1968 as the principal teaching hospital of The University of Texas Health Science Center at San Antonio, School of Medicine. In April, 2014, UHS opened the new million-square foot Sky Tower, a beautiful state of the art facility with a new emergency and trauma center, adding 420 new private patient rooms and 35 new surgical suites. The Chairman and faculty members form the professional pathology staff of the hospital. The Audie Murphy Veterans Affairs Hospital, adjacent to the University Hospital, has more than 700 beds and is affiliated with the residency program. The combined teaching material includes 31,330 surgical specimens; 108 autopsies; 16,948 cytologic specimens, 218 bone marrow specimens, 558 therapeutic apheresis procedures, and more than four million clinical laboratory examinations per year. Other affiliated institutions offering electives in anatomic and clinical pathology for our residents include the South Texas Dermatopathology Lab and the Bexar County Medical Examiner's Office where additional autopsy experience is achieved.

**Research:** Most of the faculty actively pursue research ranging from basic science to translational and direct studies. The Medical School adjoins the University Hospital and the Department of Pathology provides special diagnostic and research facilities which include cell and molecular biology, cytogenetics, flow cytometry, virology, bacteriology, mycology laboratories, and biochemical research laboratories conducting research on the pathogenesis of disease. Departmental research is funded annually by over 4 million dollars from extramural sources. Core facilities in allied programs support nucleic acid synthesis and sequencing, peptide synthesis and sequencing, and transgenic mouse generation, as well as proteomics. The Department has a close association with Southwest Biomedical Foundation, a research facility with internationally recognized programs in atherosclerosis and neonatal pathology.

## COMMUNITY

San Antonio, in South Central Texas, a major metropolitan city of more than 1,469,845, is the seventh most populated in the United States. It combines the cultural advantages of a large city, including an outstanding symphony, art museum and theaters, with the charm of its Spanish heritage. The climate is warm and dry and ideal for year-round outdoor sports. San Antonio is a three-hour drive from Mexico and also from boating and fishing on the Gulf of Mexico. Several of the high schools in San Antonio have received awards of excellence from the US Department of Education. The cost of living in San Antonio is relatively low, and excellent housing is available near the hospital.

## STIPENDS AND MAINTENANCE

Salary for the first year post-MD training is \$51,017.85 per year. Meals and quarters are not provided; however, meal allowances are provided when residents are on call. Professional liability insurance and three weeks vacation with pay are provided for all residents.

## STAFF

### PROFESSOR AND CHAIR

**Marsha C. Kinney** MD (Univ Texas Southwestern Med 1981) Department Chair, Hematopathology.

### PROFESSORS

**K. Fiebelkorn** MD (Johns Hopkins Univ School of Medicine 1996) Professor and Residency Program Director, microbiology, virology; **B. B. Brimhall** MD (Stanford Medical School 1992) bioinformatics; **N. Ghosh-Choudhury** PhD (McMaster Univ 1987) bone cell differentiation, gene transcription; **J. Heim-Hall** MD (Univ degli Studi Siena 1986) surgical pathology; **J.M. Henry** MD (Univ Wuerzburg, Germany 1964) neuropathology; **A.C. Jones** DDS (Med Col of Virginia 1986) oral and maxillofacial pathology; **P.T. LoVerde** PhD (Univ Michigan 1976) mol and immuno parasitology, schistosomiasis; **H.S. McGuff** DDS (Univ Texas Hlth Sci Ctr at San Antonio 1977) oral pathology; **J.D. Olson** MD (Georgetown Univ 1970), PhD (Georgetown Univ 1970) hematopathology, thrombosis, hemostasis; **R.N. Pinckard** PhD (Univ Edinburgh, Scotland 1967) immunology; **T.J. Prihoda** PhD (Texas A&M Univ 1981) biostatistics; **F.E. Sharkey** MD (Cornell Univ 1970) surgical pathology; **D. Sutton** PhD (Univ Oregon Hlth Sci Ctr 1964) mycology; **P.T. Valente** MD (Columbia Univ 1977) cytopathology, gynecologic pathology; **G. Velagaleti** PhD (Bangalore Univ 1989) cytogenetics; **M.A. Venkatachalam** MD (Calcutta Med Col, India 1962) anatomic pathology, experimental renal pathology; **S.L. Werner** MD (Univ Maryland Sch Med 1976) surgical pathology, nephropathology.

### ASSOCIATE PROFESSORS

**E. Bryan** MD (Univ Mississippi Sch Med 1978) transfusion medicine; **S.D. Dallas** PhD (TX Tech Univ Hlth Sci Ctr 1998) medical microbiology; **H. Fan** MD (Wenshou Medical College 1982) hematopathology; **W. Furmaga** MD (Col Med, Jagiellonian Univ Poland 1984) clinical chemistry; **R. Higgins** MD (Univ New Mexico Sch of Med 2002) hematopathology; **D. Mais** MD (Baylor College of Medicine 1993) surgical pathology; **S. Mohan** PhD (Univ Madras 1995) biochemical genetics; **M. Nicolas** MD (Manila Central Univ, Philippines 1989) urology; **P. Saikumar** PhD (Indian Inst Sci 1985) molecular pathology; **N.P. Wiederhold** PharmD (Univ Texas at Austin 2000) molecular mycology.

### ASSISTANT PROFESSORS

**L. Greebon** MD (Univ of Texas Health Science Center at San Antonio 2010) transfusion med., hematopathology; **K. Hitchman** PhD (Iowa State Univ.), Master of Science (Southern Illinois Univ. at Edwardsville 2006) HLA; **K.N. Holder** MD (Texas Tech Univ Hlth Sci Ctr 2007) hematopathology; **B.C. Klazynski** MD (University of Texas, Medical Branch 2009) surgical pathology; **E.A. Medina** MD (Univ California Davis 2005), PhD (Univ California Davis 2003) hematopathology; **A. Nazarullah** MD (Amrita Inst. Med. Sci. India 2008) surgical pathology, cytopathology.

### INSTRUCTORS

**Y. Patel** MSC, MS (Gujarat Univ, India 1967) experimental renal pathology, biochemical analysis.

### ASSOCIATED FACULTY

**G.A. Bannayan** MD (American Univ, Beirut 1957) renal pathology, surgical pathology; **T.L. Davis** MD (Univ Texas Hlth Sci Ctr at San Antonio 1983) dermatopathology; **A. Ehsan** MD (Dow Med Col 1989) hematopathology; **S. Evans** MD (Med Univ of The Americas, Nevis 2008) forensics; **D. Feldman** MD (State Univ New York Upstate Med Univ 1994) clinical pathology; **R. Frost** MD (Texas Tech Univ 1983) forensic pathology; **J. Furman** MD (Pontificia Universidad Javeriana, Bogota, Columbia 1985) urological pathology; **Y. Ikeno** MD (Nagasaki Univ 1987), PhD (Nagasaki Univ 1993) aging research; **R. Kannan** MD (Madras med. Coll, Madras Univ. Madras, Tamil Nadu, India 1995) forensics; **L.F. Libow** MD (George Washington Univ Sch of Med 1980) dermatopathology; **D.K. Molina** MD (Univ Texas Hlth Sci Ctr at San Antonio 1998) forensics; **M.H. Pathan** MD (Univ of Sind, Chandka Medical College 1984) clinical pathology; **L.A. Radkay-Gonzalez** MD (Florida State Univ. Coll. of Med. 2010) surgical pathology; **J. Rulon** MD (Univ Washington 1991) forensics; **H. Siddiqui** MBBS (King Edward Medical College, Pakistan 1990) transfusion medicine; **F. Tio** MD (Cebu Inst Med, Philippines 1964) surgical pathology, electron microscopy; **S.Z. Yang** MD (Shandong Univ College of Med 1982) surgical pathology; **A. Yunes** MD (Univ Texas Medical Branch 2005) clinical and surgical pathology.

## APPLICATIONS

Graduates of U.S. or Canada and of foreign medical schools will be considered who meet all Texas licensing requirements (must have passed USMLE exam Steps 1, 2CK and 2CS before the match list deadline; the COMLEX PE exam will be accepted in lieu of the USMLE 2CS exam). Applicants for our residency must clear a screening process to ensure that they are not listed by a federal agency as excluded, suspended, or otherwise

ineligible for participation in federal programs. The UTHSCSA will perform the screening for you at no cost. Graduates of foreign medical schools must have a valid ECFMG certificate, as well as J-1, green card or permanent citizenship. References are required. Applications must be submitted by November 22nd through ERAS only for PGY-1 positions. Personal interviews will be granted to selected candidates meeting the qualifications, after review of completed application and references.

**Address inquiries to:**

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UT Health Science Center at San Antonio

Department of Pathology

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The University of Texas Health Science Center at San Antonio including University Hospital and Audie Murphy VA Hospital

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