

TSAI-YING YU CHANG, Research Histotechnologist 1

PROFESSIONAL EXPERIENCE

May 1992 to date. Research Histotechnologist 1, Center for Life Sciences and Toxicology, Chemistry and Life Sciences, Research Triangle Institute, Post Office Box 12194, Research Triangle Park, NC 27709. Perform all facets of work in histology laboratory, including gross trimming, embedding, cutting, staining, inventory, quality control, operating and maintenance of equipment, developing new Standard Operating Procedures (SOPs) as needed and updating existing SOPs, and performing special techniques of dissecting nervous tissue for paraffin and plastic sections. Participate in necropsies, wet tissue audits on special projects, and assist other laboratories as needed. Train and supervise laboratory personnel, communicate with project leaders and subcontractors, and provide cost estimates for proposals.

November 1990 to April 1992. Histotechnologist 2

August 1986 to October 1990. Pathologist Assistant, Roche Biomedical Laboratory, Inc., 1447 York Court, Burlington, NC 27215. Performed gross description and trimming of surgical specimens and summarized patient clinical histories.

August 1980 to July 1986. Histology Supervisor, Tegeris Research Laboratories, Inc., 9705 N. Washington Boulevard, Laurel, MD 20854. Trained and supervised histology and necropsy technicians. Performed gross trimming, processing, embedding, cutting, and staining of tissues.

August 1973 to April 1980. Histology Technician, Gillette Medical Evaluation Laboratory, 1413 Research Boulevard, Rockville, MD 20850. Supervised and trained histology technicians. Performed gross trimming, processing, embedding, cutting, and staining of tissues.

April 1972 to July 1973. Histology Technician, Columbia Hospital for Women, 24th Street, N.W., Washington, DC 20037. Performed routine histology laboratory studies (tissues, sputum, CSF).

April 1969 to August 1971. Laboratory Technician, Smithsonian Institute, 12441 Parklawn Drive, Rockville, MD 20852. Performed culture of plant materials, scoring of chromosomal aberrations, and statistical analysis of data.

EDUCATION

BS, Entomo-Phyto Pathology, Chung-Hsin University, Taichung, Taiwan, 1954

Certified Histotechnologist (HT-ASCP, #HT008134), Washington, DC, 1976.

PROFESSIONAL SOCIETIES

American Society of Clinical Pathology for Medical Technology

National Society for Histotechnologists

THESIS

Studies on Two Strains of Brown Strip Disease Pathogens (*Helminthosporum stenospilus*) of Sugarcane (BS Thesis, 1970)

PUBLICATIONS

Ma, T.-H., A. J. Snope, and T.-Y. Chang (1970). Far-red light effect of ultraviolet light induced chromatid aberrations in pollen tubes of *Tradescantia*. *Radiation Botany* 11: 39-43.

Chang, T.-Y., and R. Blakeney (1984). Precision positioning of small tissues with agar. *Laboratory Medicine*.

Chang, T.-Y., and J.L. Murdock (1985). A modified oil Red O technique. *The Maryland Micron*, Official Newsletter of the Maryland Society of Histotechnologists, July 5-6.

March 1995

SL 108493