

Curriculum Vitae

Troy W. Close

Training status: Recently completed PGY-V (fellow, Neuro-Ophthalmology).
Currently Co-director of the General Eye Clinic at UIC Eye Center.

Education:

Northwestern University--Evanston, Illinois. Bachelor of Arts, Neurobiology, June 1994

Michigan State University College of Medicine--East Lansing, Michigan, M.D. May 1998

Graduate Medical Education:

1 year Transitional Medicine, St. Francis Hospital--Evanston, Illinois, June 1999

3 year Ophthalmology residency Loyola University Medical Center—Maywood, Illinois. Graduated, June 2002

1 year Neuro-Ophthalmology fellowship, University of Illinois at Chicago Eye and Ear Infirmary. Dr. James Goodwin, director Neuro-Ophthalmology Service (anticipated completion June 2003).

Medical School Research Accomodations:

Wilbur C. Wright Memorial Scholarship for cancer research

Research Experience:

April 1993- June 1994. Laboratory of Fred W. Turek, Ph.D., Northwestern University. Neurobiology and Physiology Department. Lab assistant and Independent Research Study Student. Radioimmunoassay techniques to measure levels of serum testosterone and FSH in fresh frozen reproductive tissue of Djungarian hamsters. Senior thesis completion--June 1994, "The Use of In Situ End Labeling to Identify Apoptosis in the Testis and Brain Tissue of Djungarian Hamsters."

Jan. 1995- May 1996. Graduate assistant in laboratory of James Trosko, Ph.D., Michigan State University, Department of Pediatrics and Human Development. Direct supervisor, M.R. Wilson, Ph.D. Studied the relationship between gap junctional intercellular communication and induction of apoptosis using oncogenic tissue cultures.

Publications:

Cell population dynamics (apoptosis, mitosis, and cell-cell communication) during disruption of homeostasis. Wilson MR, Close TW, Trosko JE. *Exp Cell Res.* 2000 Feb 1;254(2):257-68.

Amin HM, Perlman JI, Close TW, Collins SL, Thomas C. Sclerosing orbital pseudotumor with involvement of the optic nerve. *Ophthalmic Practice* 19:350-355, 2001.

Abstracts/Presentations:

--Keystone Abstract--Melinda R. Wilson, Troy W. Close, Onyinye Onyekwere, and James E. Trosko, "Alteration of Gap-Junctional Intercellular Communication During Apoptosis", (Meeting presentation, Keystone Symposium, "Molecular Approaches to the Function of the Intercellular Junctions", March 1-7, 1996, Lake Tahoe, California).

--American Society of Cell Biology Meeting Abstract--Melinda R. Wilson, Troy W. Close, Nestor D. Deocampo, and James E. Trosko, "Alteration of Gap-Junctional Intercellular Communication During Induction of Apoptosis in Normal and Oncogene Transformed Cells", (Meeting presentation, 6th International Congress on Cell Biology and 36th American Society of Cell Biology Annual Meeting. December 7-11, 1996, San Francisco, California).

--Association for Research and Vision in Ophthalmology—T.W. Close, P.A. Russo, S. Edgley, C.S. Bouchard, "Rigid Gas Permeable Contact Lens Fitting in the PK Patient: A Computerized Topographical Analysis", (Meeting presentation, 2001 annual ARVO meeting, Ft. Lauderdale, Florida).

--2002 ARVO conference, poster presentation—T.W. Close, P.A. Russo, "The Relative Accuracy of Holladay 1 versus Holladay 2 Intraocular Lens Power Formula In Eyes With Atypical Parameters".

Present 2002-2003 academic objectives

Neuro-Ophthalmology fellowship with Dr. James Goodwin, The University of Illinois at Chicago Eye and Ear Infirmary, Chicago, Illinois. Current research involvement in "MRI Measurements of Intracranial Biomechanics" project, with specific focus on patients with pseudotumor cerebri.