

Career Highlights

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EDUCATIONAL BACKGROUND:

NIH Fellowship *Immunopathology*, 1988-91, Pathology Dept., University of Michigan-Medical School, Ann Arbor, MI.

Ph.D., *Human Anatomy*, 1988, Department of Anatomy, Michigan State University, East Lansing, MI.

M.Sc., *Clinical Laboratory Pathology*, Pathology Dept., Michigan State University, East Lansing, MI.

B.S., *Medical Technology*.

AAA, one term short of receiving an Associate Applied Arts degree in *Computer Graphic Arts and Design*,
Lansing Community College, Lansing, MI.

ART: DESIGN, PAINTING, PRINTMAKING, SCULPTING, AND COMPUTER GRAPHICS

• **Art Education:**

- Received formal training in watercolor painting, printmaking, silkscreen, and oil painting.
- Portrait painting: Received formal training from private instructor, **Daniel Greene** (New York), **Nelson Shanks** (*Studio Incamminati* in Philadelphia), and **Gordon Wetmore**.

• **Awards:**

- Received awards for watercolor paintings.
- A finalist for the Artist's Magazine 20th Annual Art Competition in the Portrait category, 2003.
- A finalist for the Art Renewal Center's International 2007 ARC Salon Competition, Portrait category.

• **ART Society Membership:**

- American Artists Association
- Portrait Society of America
- International Guild of Realism (peer reviewed)
- MidMichigan Art Guild
- Art and Science Collaborations, Inc.

• **Art Exhibitions:**

- Annual "*Painting and Small Sculpture*" Exhibition in Michigan.
- 4th Annual Persian Art Exhibition, in Ann Arbor, University of Michigan, 2005.
- 6th Annual Persian Art Exhibition in West Bloomfield, 2007.
- A celebration of art in Downtown Lansing, 2007.
- East Lansing Art Festival, 2008.

• **Scientific Art Poster Composition for:**

- 18th Annual Michigan State University Surgery Dept. Research Forum, 2002.
- International Congress in Immunology, San Francisco, CA, 1995.
- National Meeting of Experimental Biology, 1994 and 1995.
- 1993 American Association of Immunology and the Clinical Immunology Society Meeting, Denver, Colorado.

Scientific Academia Activities

ADMINISTRATIVE ACTIVITIES:

- Received several training workshops and seminars in professional leadership and management skills.
- Developed an integrated MD/PhD program at College of Human Medicine and currently serving as the Director of the program, (2007- present).
- Developed and directed all aspects of the Masters Program in Surgery at Department of Surgery, College of Human Medicine, (1997-2002).
- Developed and set up a research laboratory facility of approximately 5,000 s.ft. of space in the Department of Surgery. Planned and managed all related activities including the budget, hiring and training of the research staff, seminars, presentations, publication, etc., (1997-02).
- Organized and coordinated local and regional scientific seminars/conferences. 1998-2003.
- Developed and managed all aspects of several grant research projects from budget to presentation and publication of the research findings.
- Served as a member as well as Chair to various Committees at local and regional scientific communities and institutions.

SCHOLARLY ACTIVITIES:

Research

- Research interests have been focused on studying the cellular and molecular mechanisms of inflammatory process in response to trauma, infection, and ischemia.
- Developed research projects evaluating the inflammatory response in animal models of inflammatory tissue injury.
- Numerous original publications, book chapter, and invited articles in peer reviewed journals as well as presentations at scientific conferences, a total of over 75.
- One of the first investigators to document signaling through the FcγR receptor in human neutrophils, (J. Immunol. 1990; 145:3026-3032. ISI Science Cited Index: 92).
- The first investigator to document that L-selectin adhesion molecule was capable of triggering a number of functional changes in neutrophils, (J. Immunol. 1995; 154:2291-2302. ISI Science Cited Index: 100).
- Served as reviewer and associate editor for various scientific societies and Journals.

Clinical

- Clinical Laboratory Pathology. Over 16 years of working experience in clinical laboratory as a medical technologist and supervisor. This includes hematology, immunology, microbiology, parasitology, biochemistry, blood bank, and flow cytometry. *An artwork (engraving & etching, size 18x24") was specifically designed to reflect this period of the artist's life in the lab (Immunology lab at Sparrow hospital, Lansing), titled "The Immunology Zoo."*

INSTRUCTIONAL PERFORMANCE:

- Professional Continuing Education
- Graduate Medical Education, and Preclinical Medical Student Education
- Curriculum Development, and Academic Advising

PUBLIC OUTREACH ACTIVITIES:

- Volunteer in assisting the elementary and middle school teachers in science.
- Provided scientific workshops for elementary and middle school students: "Hands on Science" and "Young Spartans Program".

SCIENTIFIC MEMBERSHIP ACTIVITIES:

- Active member of several scientific societies.