

Christine M. Cunningham

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EDUCATION

Master of Science in Health Sciences Education, 1988. State University of New York at Stony Brook, Stony Brook, N.Y.

Bachelor of Science in Medical Technology, 1981. State University of New York at Stony Brook, Stony Brook, N.Y.

A.A.S. in Medical Laboratory Technology, 1979. State University of New York at Morrisville, Morrisville, N.Y.

TEACHING EXPERIENCE

Instructional Staff, New York Chiropractic College, Seneca Falls, N.Y., January 2003 to present

- Clinical Laboratory Diagnosis Lecture and Laboratory
- Physiopathology Laboratory
- Histology Laboratory

Adjunct Assistant Professor, New York Chiropractic College, Seneca Falls, N.Y., May 1996 – January 2003

- Clinical Laboratory Diagnosis Laboratory
- Physiopathology Laboratory
- Histology Laboratory

- Microbiology Laboratory
- Physiology Laboratory

Adjunct Instructor, Cayuga Community College, Auburn, N.Y.

- Microbiology Lecture and Laboratory , Spring 2002, Spring 2003

Lecturer, Medical Technology Department, School of Allied Health Professions, State University of New York at Stony Brook, Stony Brook, N.Y.

Lead instructor in the following:

- Hematology II Lecture, Fall 1991
- Hematology II Laboratory, Fall 1991
- Clinical Biochemistry Lab II, Fall 1989
- Automation and Instrumentation, Lecture & Lab, Fall 1989
- Clinical Biochemistry Lab I, Spring 1987 (taught as a graduate student in fulfillment of HAS 584 Practicum : Health Professions Education.)

CLINICAL EXPERIENCE

Medical Technologist, Auburn Memorial Hospital, Auburn, N.Y., April 1993 – December 1995.

- Chemistry: all phases of clinical chemistry including operation of Dimensions, ACA, TDX, IMX, blood gas analysis, and urinalysis.
- Hematology: all phases of hematology including operation of Coulter, coagulation instrumentation, differentials, and performance of CSF cell counts.
- Blood Bank: all phases of blood bank including blood typing, crossmatches, antibody screening, antibody panels, platelet transfusions, and cord blood analysis.

- Performed inpatient and outpatient phlebotomy

Senior Medical Technologist, J.T. Mather Memorial Hospital, Port Jefferson, N.Y., July 1981 – April 1992.

- Worked in all phases of clinical chemistry including RIA, EIA, immunology, protein electrophoresis, operation of DACOS, IMX, TDX, CX-V, Cobas, Array, StratusII, and blood gas analysis.
- Performed specialized tests for the Long Island InVitro Fertilization Program.
- Weekend Supervisor, March 1989 – December 1991, responsible for weekend staffing, instrumentation trouble shooting, supervising work flow of all departments, and overseeing all other aspects of the laboratory.

Medical Lab Technician, part-time. J.T. Mather Memorial Hospital, Port Jefferson, N.Y., July 1980 – June 1981.

- Performed tests in hematology, coagulation, and urinalysis.
- Performed inpatient and outpatient phlebotomy.

RESEARCH EXPERIENCE

Clinical – As a Senior Medical Technologist at J.T. Mather Memorial Hospital, I have participated in numerous clinical evaluations and studies including the following:

- Evaluation of new instrumentation, reagents, and equipment.
- Comparison studies of different methodologies and instruments including sensitivity, reproducibility, accuracy, and cost analysis.

Educational - Masters Thesis, completed May 1988, *A STUDY TO EVALUATE THE RELATIONSHIP BETWEEN JOB SATISFACTION AND THE INTERPERSONAL VALUES OF MEDICAL TECHNOLOGISTS.*

Scholarly - 2001 - 2002 worked with Dr. Julie Plezbert on her research project, *Delayed Onset Muscle Soreness and Treatment with Homeopathic Arnica montana versus Placebo.*

PRESENTATIONS

Cunningham, CM, Larzelere ED, Arar, I. Conventional Microscopy vs. Computer Imagery in the Educational Laboratory. Presented at the New York Chiropractic College Research Symposium, Seneca Falls, New York, January 2006.

Cunningham, CM, Larzelere, ED, Arar, I. Students' Perspective on Learning from Conventional Microscopy vs. Computer Imagery in the Educational Laboratory. Presented at the New York Chiropractic College Research Symposium, Seneca Falls, New York, January 2007.

Cunningham, CM, Larzelere ED, Arar, I. Conventional Microscopy vs. Computer Imagery in the Educational Laboratory. Presented March 2007: Association of Chiropractic Colleges (ACC) Research Agenda Conference (RAC), Phoenix, Arizona

Cunningham, CM, The Role of Hemoglobin A1c in the Prevention of Type 2 Diabetes. Presented at the New York Chiropractic College Research Symposium, Seneca Falls, New York, January 2008.

Cunningham, CM, Update on Myocardial and Cerebral Infarct Markers: The Role of High-Sensitivity Procalcitonin (HS-PCT) and Lipoprotein-Associated Phospholipase (Lp-PLA2). Presented at the New York Chiropractic College Research Symposium, Seneca Falls, New York, January 2009.

PUBLICATIONS

Cunningham, CM, Larzelere, ED, Arar, I. Abstract of Conventional Microscopy vs. Computer Imagery in the Educational Laboratory, *The Journal of Chiropractic Education*, Spring 2007.

Cunningham, CM, Larzelere, ED, Arar, I. Conventional Microscopy vs. Computer Imagery in Chiropractic Education, *Journal of Chiropractic Education*, Fall 2008.

REGISTRY/LICENSURE

Medical Technologist – ASCP (#01916818)

NY State Clinical Laboratory License: #014836

PROFESSIONAL AFFILIATION

American Society of Clinical Pathologists

HONORS

New York Chiropractic College Excellence in Teaching Award, September 2010.

Alpha Eta Honor Society – National Honor Society of the Allied Health Professions,
SUNY Stony Brook, N.Y. chapter.