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| Academic experience | *1978–present* ***Northeastern University*** *Boston, MA*Senior Lecturer in BiologyCollege of Professional Studies [University College; SPCS]1978–present. Teach various lecture and laboratory biology and health science courses to undergraduate nursing, radiologic technology, and biology day and evening-division college students. Courses included Biology (general biology and animal biology), Human Anatomy & Physiology, Microscopic Anatomy, Human Cross-Sectional Anatomy, Computer Literacy, and Critical Thinking in Biology.2002. Instrumental in designing current curriculum for Anatomy and Physiology courses in the College of Professional Studies.1988–1990. Participated on committees that developed Biological Science and Biotechnology degree programs for University College (now the College of Professional Studies).1980-1982. Developed Cross-Sectional Anatomy course for Radiologic Technology students; assisted in processes resulting in revision of Radiologic Technology program curriculum.Adjunct LecturerGraduate School of Engineering2010–present. Teach BIOE5100/BIOE6100 Medical Physiology for the COE Bioengineering Program.Adjunct LecturerBouvé College2008–2010. Taught Anatomy & Physiology for the Physician Assistant Program.1992–1998. Taught lecture and laboratory/clinical health-science courses. Courses included Human Anatomy & Physiology, Cardiovascular Technology, and Radiographic Physics.Adjunct Lecturer in BiologyCollege of Arts and Sciences1982–2016, *passim*. Taught various lecture and laboratory biology and health science courses to undergraduate nursing, physical therapy, pharmacy, and biology undergraduate-division college students. Courses included Biology (general biology, animal biology, and botany), Human Biology, Comparative Anatomy, Human Anatomy & Physiology, and Microscopic Anatomy.Worked closely with laboratory preparation personnel to coordinate laboratory and lecture components of courses.Wrote laboratory exercises to complement existing manuals or protocols. |

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|  | *2013–present* ***Becker College*** *Worcester/Leicester, MA*Adjunct Professor of BiologyTeach various lecture and laboratory biology and chemistry courses to undergraduate veterinary and biology college students. Courses included Biology (general biology and animal biology), Human Anatomy & Physiology, General Chemistry, and Microbiology. |
|  | *2004–2012* ***Anna Maria College*** *Paxton, MA*Associate Professor of BiologyTaught various lecture and laboratory biology and health science courses to nursing and health science undergraduate and graduate college students. Courses included Biology (general biology), Human Anatomy & Physiology, Field Botany, Nutrition & Health, Microbiology, General Chemistry, elementary Mathematics, and New German Cinema. |
|  | *1991–1997* ***Massachusetts College of Pharmacy*** *Boston, MA*Adjunct Lecturer, School of Health SciencesDeveloped and taught Human Cross-Sectional Anatomy. |
|  | *1972–1978* ***Boston University School of Medicine*** *Boston, MA*Post-doctoral Fellow and Assistant Professor, Department of AnatomyTaught Histology and Human Gross Anatomy.Researched red blood cell development. |
| Other professional experience | *2003–2004* ***Second Wind, Inc*** *Somerville, MA*Senior Software Engineer for ADMS and Nomad·2 SystemsProgrammed wind farm SCADA and wind resource assessment systems using Visual Basic and MS Access databases. |
|  | *1998–2003* ***Hologic, Inc*** *Bedford, MA*Senior Software Engineer for Digital Radiographic X-ray SystemsCreated Product Requirement and Verification documents for digital x-ray system; responsible for verification testing bug fixes. Participated in specification, design, testing, and implementation of new digital x-ray operator console software.Programmed Cardiac Catheterization Laboratory operations software using Visual Basic and SQL Server |
|  | *1992–1998* ***Boston Medical Center*** *Boston, MA*Cardiac Catheterization Laboratory Technologist and Database AdministratorPerformed technical and patient care duties during performance of diagnostic and therapeutic cardiac catheterizations.Maintained large patient/study demographic database.Trained BMC Cath Lab nurses and technologists in use of cath lab data acquisition and hemodynamic systems; trained new personnel in technical aspects of being a cardiac catheterization lab staff member. |
| Education | Harvard University Cambridge, MAB.A., with Honors in Biology, 1967M.A. in Biology, 1970Ph.D. in Biology, 1972Thesis: *Systematics and Biology of the Phasmatodea of the West Indies* |
| Computer skills | Programming in Visual Basic 3–6 and VB.NET, Fortran; various flavors of SQL (Access, Microsoft SQL Server, MySQL, Oracle), Perl, HTML 4 and XHTML 1, JavaScript, VBScript, and XML. Familiar with Windows, Macintosh, Solaris, and Linux operating systems. |
| Professional memberships | Society of Systematic BiologistsThe Willi Hennig Society (for phylogenetic systematics |
| Other Publications | Darren Powell and Carl F. Moxey, Diagnostic Catheterization. In S Watson and K Gorski, *Invasive Cardiology: A Manual for Cath Lab Personnel,* 3/e*.* Jones & Bartlett Learning; 2010 (2011©).Darren Powell and Carl F. Moxey, Diagnostic Catheterization. In S Watson and K Gorski, *Invasive Cardiology: A Manual for Cath Lab Personnel,* 2/e*.* Physician’s Press: Birmingham, Michigan; 2005.Carl F. Moxey, Diagnostic Catheterization. In S Watson, *Invasive Cardiology: A Manual for Cath Lab Personnel.* Physician’s Press: Birmingham, Michigan; 2000.JA Grasso, NC Chromey and CF Moxey, Biochemical characterization of RNA and protein synthesis in erythrocyte development *Journal of Cell Biology*, Vol 73, 206-222 (1977).http://www.jcb.org/cgi/reprint/73/1/206My home page: [www.profelis.org](http://www.profelis.org/) |