

**CURRICULUM VITAE
J. STEPHEN LYTLE, M.S., M.P.H.**

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Educational Data:

Master of Public Health University of Central Florida, Orlando, Florida	1985
Master of Science in Business Management Rollins College, Winter Park, Florida	1979
Bachelor of Science degree in Respiratory Therapy University of Central Florida, Orlando, Florida	1973

Professional Credentials:

National Board for Respiratory Care Registered Respiratory Therapist (RRT) #2604	1974
Certified Pulmonary Function Technologist (CPFT)	1994
Registered Pulmonary Function Technologist (RPFT)	1987

Professional Experience:

Present Position

Associate Professor of Health Services Administration, and Director of Health Services Administration, Department of Health Professions and Physical Therapy, University of Central Florida, August 1992-present

Past Positions

Associate Professor of Health Services Administration, and Director of Health Services Administration, and Graduate Coordinator, Department of Health Sciences, University of Central Florida, August 1992-94

Associate Professor of Health Services Administration
1986-1992.

Chair, Department of Cardiopulmonary Sciences University of Central Florida	1979-1986
Assistant Dean, College of Health University of Central Florida	1981-1985
Assistant Professor, Cardiopulmonary Sciences University of Central Florida	1975-1981

Other Professional Experience Service and Consulting

**Expert Witness, United States Attorney's Office
Tampa, Florida**

**Consultant, Department of Internal Medicine
Naval Regional Hospital, Orlando, Florida**

**Consultant, Central Florida Community College
Developer of computer seminars for faculty**

**Consultant, Pasco-Hernando Community College
Developer of computer seminars for faculty**

**Consultant, C. V. Mosby Co.
Service as a reviewer various textbooks**

**Consultant, Hannah, Marsee, Beik, & Voght
Service as an expert on pulmonary diagnostics
related to asbestosis**

**Consultant, Lytle Information Systems, Inc.
Casselberry, Florida**

**Automated Health Care Systems ,
Integrated Systems & Software Design, Inc.
Longwood, Florida**

Orlando Regional Medical Center

SunTrust, N.A.

Homes Regional Medical Center

The HUG Center

Orange County Public Health

Xomed, Inc., (Bristol-Meyers-Squibb)
Jacksonville, Florida

Marion Community Hospital
Ocala, Florida

Ducane, Morris, Smith
Fort Meyers, Florida

Dr. Jerry Sweitzer
Orlando, Florida

Dr. Linda Stone
Winter Park, Florida

Dr. Charles Curry
Winter Park, Florida

Dr. Robert Pellarin
Winter Park, Florida

Instructional Responsibilities:

During my career, I have taught 35 different courses at the University of Central Florida. These courses have included lecture, laboratory and clinical formats. Coursework has been directed to both undergraduate and graduate students. I was promoted to associate professor in 1988 and granted tenure in 1985. I presently teach the following courses:

HSA 4193 Healthcare Automation

HSA 5198 Information Systems and Computer Applications for Medicine

HSA 4180 Organization and Management for Health Agencies

HSC 4500 Epidemiology

HSC 3640 Health Law

I am currently assigned 400 undergraduate students. My courses involve larger size classes with 50-100 people in each section. All of my courses involve personal computer based assignments. I begin to offer "distance learning" courses beginning in the fall, 1993 semester. In the spring of 1997 I will expand to offer courses in various asynchronous modes, including on-line using the World Wide Web.

Administrative Responsibilities:

Presently, I am serving as Director of Health Services Administration. This involves academic advisement for approximately 400 undergraduate majors and minors.

My past responsibilities included administration of the Department of Cardiopulmonary Sciences at the University of Central Florida. I served 9.5 years in this capacity. These duties were as follows:

- 1) Manage all financial aspects of the Program.
- 2) Personnel administration.
- 3) Expanding outside clinical contacts by developing clinical affiliation contracts with additional hospitals.
- 4) Support of the faculty in expanding their creativity and research efforts.
- 5) Supervising the overall operation of the Program in terms of productivity and quality.
- 6) Providing leadership in all aspects of the program.

Other Past Administrative Experiences:

I served as Acting Assistant Dean of the College of Health for four years. During this time my responsibilities included the following-

- 1) Management of financial affairs and a two million-dollar budget
- 2) Academic affairs of the college, including Chair of the Academic Standards Committee.
- 3) Student affairs of the College.

Research Interests:

My present research interest centers on healthcare automation, the use of computers and technology to get people away from paperwork and back to healthcare. I am very interested in distance learning and telecommuting and have several projects underway related to these related topics.

Recent Grant Development Activities:

Universities as Resources for Healthcare Facilities, 1995
Co-principal investigator \$2,000

Distance Learning Demonstration Project, 1995
Section chair for learner support, \$831,000

Restructuring a Student Centered Education, 1996
(a one day seminar) Sprint, Inc \$3800

Professional Activities:

Valencia Community College, Respiratory Therapy
Advisory Committee
Past Chairman

Seminole Community College, Respiratory Therapy
Advisory Committee
Past Chairman

Health System Agency, Seminole County Council

Professional Standards Review Organization

Central Florida Lung Association

Board of Directors

Chairman, Children's Lung Disease Committee

Chairman, Lung Disease Committee

Chairman, Environmental Health Committee

Chairman Program Committee

Florida Heart Institute

Digital Image Processing Laboratory

Chair of Advisory Committee

UCF Cardiopulmonary Sciences Advisory Committee

UCF Health Information Management Advisory Committee

UCF Computer Store Advisory Committee

Microsoft Healthcare Users Group

Professional Meetings Attended:

**American Association for Respiratory Therapy, National Convention
Annual meeting 1975-1988**

**Florida Society For Respiratory Therapy Annual Seminar
Annual meeting 1976-1988 (chair for two years)**

**American Association for Respiratory Therapy Education Management Forum
Annual meeting 1980-82**

**Florida Heart Institute Monthly Seminars
September 1982 to 1990**

**Florida Instructional Computing Conference
1982-present, every year**

**American Society of Allied Health Professions
Annual meeting 1982-1986**

**American Society for Allied Health Professions Leadership Conference
October 1985, Birmingham, Alabama**

First Annual Symposium on Information and Retrieval Services, 1986

Honors:

Who's Who in America, 1990 Edition

Outstanding Young Men of America, 1980 and 1981

Certificate of Service, Health Systems Agency of Central Florida, 1982

Outstanding Leadership and Service Award, presented by the Student Respiratory Therapy Association, 1981

Alpha Eta National Honor Society, Past Secretary-Treasurer

Omicron Delta Kappa National Honor Society

Outstanding Young Leader in Allied Health

Presented at the National Meeting of the American Society of Allied Health Professions in Atlanta, Georgia

Presentations at Professional Meetings:

"Blood Gas Instrumentation." Florida Society for Respiratory Therapy Meeting, December 1976, Orlando, Florida

"Clinical Simulation Examinations." Florida Society for Respiratory Therapy Meeting, March 1978, Orlando, Florida

"Fluidics in Respiratory Therapy." Florida Society for Respiratory Therapy Meeting, March 1979, Orlando, Florida

"Capnography and Oximetry." Respiratory Care Update, August 1979, Daytona Beach, Florida

"Using the Microcomputer in Critical Care." River City Symposium, March 1983, Jacksonville, Florida,

"Upper Airway Obstruction." Hospice of Central Florida, Inc., May 1983, Winter Park, Florida

"Using Microcomputers in Respiratory Therapy." Lifetron Management Seminar, July 1983, Ruskin, Florida

"Articulation in Respiratory Therapy Programs." State Department of Vocational Education Meeting, August, 1983, Orlando, Florida

"Cost Saving Applications in Training, Using Media." Cost Effectiveness in Health Training, September 1983, Orlando, Florida

"The Role of Computers in the Pulmonary Laboratory." Florida Society for Respiratory Therapy, September 1983, Hollywood, Florida

"The Utility of Visicalc." Florida Instructional Computing Conference, February 1984, Orlando, Florida

**"Improving Efficiency and Creativity Using the Microcomputer."
Academic Chairpersons: Leadership and Management, February 1985, Orlando, Florida**

"Microcomputers in Allied Health Education." Workshop presented to the Society of Attend Health Professions, November 1985, Dallas, Texas

"Database Applications for Everyone." First Annual Symposium on Information Systems for Information and Referral Services, April 1986, Myrtle Beach, South Carolina

"Improving Management Systems through Microcomputer Use." Florida Society for Respiratory Therapy Seminar, May 1986, Tampa, Florida

"Microprocessors in Mechanical Ventilation." River City Symposium, August, 1986, Jacksonville, Florida

"Electronic Document Imaging", Florida Bar Association, Orlando, June, 1991,

"Health Care Automation", Florida Health Information Management Association, Sarasota, Florida, June, 1992,

Seminars:

"Document Imaging, Real Office Automation". Sun Bank, N.A., Orlando, Florida, October 1991, May, 1992, November 1992.

"Imaging: A Tool for the Regulated Environment". Xomed, Jacksonville, Florida, February 1992.

"Document Imaging". Turbine Technology, Inc., Orlando, Florida, November 1992.

"Optical Disks, Imaging and the Legal Environment". Ducane, Morris, Smith, Fort Meyers, Florida, November 1991.

"Cardiovascular Image Management System". American Heart Association, Dallas, Texas, November 1990.

"Document Imaging in the Hospital Environment". Homes Regional Medical Center, Melbourne, Florida, July 1992.

"Optical Disks, Imaging and the Legal Environment". Central Florida Legal Administrator's Association, Orlando, Florida, November 1991.

"Document Imaging and Automated Workflow". Florida Association of College Admission Officers, Orlando, Florida, November, 1991.

"Health Care Automation: Getting People Back to Health Care". Middle Tennessee State University, and Middle Tennessee Health Center, Murfreesboro, Tennessee, February 1993.

"Healthcare Automation: Getting People Back to Healthcare". Presented at 12 different state and regional seminars from 1994-1996.

Publications:

Florida State Department of Education, Division of Vocational Education. *The Development and Maintenance of Respiratory Therapy Program*. Tallahassee: 1977. (Co-contributor)

Miller, C. R., Smith, E. R., Lytle, J. S., and Rogers, R. L. "Experience with a Chamber for Continuous Negative Pressure Treatment of Infants with Respiratory Distress." *Respiratory Care*, 22(9), 1977, 931-34

Lytle, J. S. and Worrell, L. T. (Co-Producers). *The Ohio Critical Care Ventilator*. Orlando, Florida: Ohio Medical Corporation, 1980.

Lytle, J. S. "The Utility of Visicalc." *Abbreviated Proceedings of the Fourth Annual Florida Instructional Computing Conference*, 1984, 57

Lytle, J. S. "Optimizing Productivity and Creativity in Respiratory Therapy Using the Microcomputer." *Pulmonary Medicine and Technology*, 2(1), 1985

Acierno, L. J., Lytle, J. S., and Sweeney, M. "Acute Hypersensitivity Pneumonitis Due to Forced Air Systems." *Journal of Environmental Health*. 48(3), 1985, 138-41

Lytle, J. S. "Database Applications in Respiratory Therapy." *Pulmonary Medicine and Technology*. (2)3, 1985, PP 34-39

Lytle, J. S. "Database Applications for Everyone." *Proceedings of the First Annual National Symposium on Information Systems for Information and Referral Services*

Gutierrez, C. J., Crittenden, D. J., Lytle, J. S., Dukessherer, D. R., and Delmoral, C. "Protein Concentration Elevations in Lungs of Mice Following Sudden, Transient Cephalad (+G_y) Acceleration". *The Physiologist*, 28(6), 1985, PP 153-5

Lytle, J. S. "Multi-Competency Health Professionals: A Revolution in Health Care". *Journal of Health Occupations Education*. (1)2, 1986, PP 15-21

- Lytle, J. S., Core, H. E., Capraun, L. W., Shiedeler, S. "Articulation: Providing a System of Upward Mobility for Allied Health Disciplines". *Journal of Health Occupations Education*. (2)1, 1987, PP 2128
- Cavanaugh, IC, Lytle, J. S. "Financing Indigent Care: A Program for a Problem". *Florida Health Policy Brief*. (3)1, 1987
- Lytle, J. S., Lytle, B.V., Shideler, S., Core, H.E. "Minimizing Health Hazards of Health Care Workers Using Display Terminals". *The Health Care Supervisor* (6) 3, 1988
- Lytle, J. S., Lytle, B.V. "Getting Back to Health Care: The New Automation Strategy". *Journal of American Health Information Management Association* (63) 10, 1992
- Lytle, J. S., Lytle, B.V. " Pen-based Computing: The Real Personal Computers". *Journal of American Health Information Management Association*. Accepted for the September 1993 issue.
- Lytle, J. S., Lytle, B. V., Youmans "The Transformation of Education: Electronic Classrooms of the Future". *Journal of American Health Information Management Association*. 65) 3, 1994.
- Lytle, J. S., Lytle, B. V., Youmans "Learning at a Distance: People, Technology and Learning Experiments". *Journal of American Health Information Management Association*. 66) 7, 1995.
- Morse, L., Lytle, J. S. "Restructuring a Student Centered Education: A Focus on Change". *Central Florida Consortium of Higher Education*. 1996.
- Morse, L. DuBois, J., Lytle, J.S., Moskal, P., Patterson, B., "Final Report: Central Florida Consortium of Higher Education Distance Learning Demonstration Project". 1996
- Morse, L., Lytle, J.S., Lytle, B.V. "Learner Support: A strategy for Success in Distance Learning". *Proceedings of the International Association for Distance Education*. 1996 (in press)