



THE ERGONOMICS CENTER
OF NORTH CAROLINA
Advancing the Science of Ergonomics in the WorkplaceSM

William Timothy McGlothlin, MS, CPE
Executive Director

EDUCATION

Master of Science in Industrial Engineering (MS) (Human Factors Concentration)
University of Tennessee, Knoxville, TN.

Bachelor of Science in Industrial Engineering & Operations Research (BS)
Virginia Tech, Blacksburg, VA.

PROFESSIONAL EXPERIENCE

Executive Director, 2004-Present

The Ergonomics Center of North Carolina, Raleigh, North Carolina

- Develop, coordinate, and manage consultation, research, administrative, and marketing functions of the Center
- Serve as representative of the Center to industry, as a liaison to the NC Dept. of Labor and as a liaison to NC State University
- Establish and administer Center budget and financial objectives
- Provide technical expertise and advise Center staff on ergonomics, business, and marketing issues
- Provide ergonomics consultation to clients in a broad range of business and industry environments
- Perform ergonomics field studies and assessments of workplaces and jobs utilizing a variety of analytical techniques and methodologies
- Create, design, and deliver training and education to Center members and other clients

Ergonomist Associate, 1992-2003

Eastman Chemical Company, Kingsport, Tennessee

- Developed and implemented corporate ergonomics process (12,000+ employees)
- Closely interacted with Safety, Medical, Industrial Hygiene, Engineering, and Manufacturing to foster a “team” approach to ergonomic analysis
- Developed and delivered detailed ergonomics training and awareness workshops for associates of all levels
- Served as technical ergonomics expert on specific projects focusing on the reduction of cumulative trauma disorders/back injuries while increasing quality and productivity
- Performed analyses of work methods, tool design, manual materials handling, workload/fatigue and work environment (temperature and vibration)

Consultant in Ergonomics, 1994-2004

McGlothlin & Associates, Johnson City, Tennessee

- Developed and delivered 1 and 2-day ergonomics workshop for various clients including East Tennessee State University, Boeing, Georgia Pacific, Olin Corp., and Collins & Aikman
- Performed miscellaneous ergonomic job evaluations for various clients including Olin Corp., Electrolux, Cairns Helmets, and Penske Logistics

Advanced Ergonomist/Industrial Engineer, 1989-1992

Eastman Kodak Company, Kingsport, Tennessee

- Developed and implemented ergonomics process at Holston Defense Corp. (900+ employee subsidiary of Eastman Kodak Company)
- Performed ergonomics duties similar to those listed above at Eastman Chemical Company
- Conducted classical industrial engineering tasks (methods and staffing, cost justification, and capacity analyses)
- Served as Total Quality Management (TQM) facilitator (teaching/coaching various teams) to implement TQM processes

Manufacturing Section Manager, 1987-1989

Motorola, Inc., Boynton Beach, Florida

- Conducted planning and management of personnel, material, processes, and facilities to support high volume electronics manufacturing operations (6 supervisors and 160 direct reports)
- Specific responsibilities included: asset mgt., cost reduction, defect per unit and cycle time reduction, product delivery, and new product introductions
- Held various other positions at Motorola from 1980-1987

CERTIFICATIONS

Certificant, Board of Certification in Professional Ergonomics (CPE)

PROFESSIONAL AFFILIATIONS

Member, Human Factors and Ergonomics Society
Senior Member, Institute of Industrial Engineers
Member, American Society of Safety Engineers

SKILLS

Proficient in University of Michigan 3D Static Lifting Software
Proficient in NIOSH lifting equations

MISCELLANEOUS

- Currently serves as the Conference Co-Chair for the 9th Annual Applied Ergonomics Conference to be held in Orlando in March 2006. Has served in this capacity for the last 4 years.
- Frequent speaker at the regional and national level on successful ergonomic process implementation. (List furnished upon request)