# Occupational Ergonomics Technical Group

The Occupational Ergonomics Technical Group (formerly Industrial Ergonomics) is concerned with the application of ergonomics data and principles for improving safety, productivity, and quality of work in industry. It concentrates on service and manufacturing processes, operations, and environments, including the design of products that form the basis of industrial employment.

## TECHNICAL FOCUS

OETG members are primarily interested in ensuring that ergonomics is effectively utilized by all sectors of the industrial work force, and that ergonomics practitioners and researchers monitor our status so high quality research is conducted and subsequently reported.

## MEMBERSHIP

The OETG consists of more than 550 individuals who are employed in academia, government service, and a wide variety of industrial corporations and private consulting companies. This technical group promotes an active exchange of ideas, needs, and results between the researchers and practitioners.

## BENEFITS OF MEMBERSHIP

- Interact with other professionals dealing with human factors issues
- Share intervention strategies and innovative concepts
- Receive quarterly newsletters
- Comment on development of standards/guidelines
- Enjoy stimulating technical presentations at the HFES Annual Meeting
- Stay up-to-date at the business/social meeting held at the HFES Annual Meeting

Additional information can be obtained at the IETG website at http://ietg.hfes.org

## WHO SHOULD CONSIDER JOINING?

- Engineers

- Ergonomists
- Industrial Hygienists
- Physiologists
- Biomechanists
- Educators
- Psychologists
- All Health Professionals

It is not necessary to be a member of the Human Factors and Ergonomics Society in order to join the Occupational Ergonomics Technical Group.

## AWARDS

The OETG recognizes outstanding applications of ergonomics in industry through the Practitioner's Award presented at the HFES Annual Meeting. Exceptional original research by students is also recognized at the HFES annual meeting with the presentation of two Best Student Paper Awards.

## SUGGESTED READING

Readers who would like to learn more about human factors and Occupational ergonomics should consult the following references:


NIOSH. (1994). *Applications Manual for the Revised NIOSH Lifting Equation.* Cincinnati, OH: National Inst. for Occupational Safety, Div. of Biomedical and Behavioral Science.

Chaffin, D. B., Andersson, G. B. J., Martin, B.J.(1999). *Occupational Biomechanics.* (3rd ed.). New York: Wiley-Interscience.

Grandjean, E., and Kroemer, K.H.E. (1997). *Fitting the task to the man.* 5th ed. London: Taylor & Francis.

Kroemer, K. H. E., Kroemer, H., and Kroemer-Elbert, K. (2001). *Ergonomics: How to design for ease and efficiency.* 2nd ed. New Jersey: Prentice Hall.

NRC. (2001). *Musculoskeletal disorders and the Workplace: Low Back & Upper Extremities.* Washington, DC: National Academy Press.