

presents

Reducing Injuries from Manual Tasks – a Participative Ergonomics Approach

Dr Gary Dennis B.Hsc (Hons) PhD
HFESA CPE
Director ErgoEnterprises
Adj. The University of Queensland



Date: **Thursday 26th August 2010**

Time: **09:30 – 16:00** Coffee & registration from 09:00

Location: **Adelaide** Adelaide Pavilion Veale Gardens
Cnr South Terrace & Peacock Road
ADELAIDE

Cost: **\$295** **\$195 - HFESA Members**
\$95 - Students

10% Early Bird Discount if paid in full by 3rd August

RSVP: **Pauline Pertel, HFESA Secretariat**
secretariat@ergonomics.org.au

Enquiries: **(02) 9680 9026**

Workshop Overview

Around 40% of occupational injuries are associated with manual tasks. The direct cost of these manual task related injuries in Australia is approximately \$2b per year. Whilst much effort has been focused on assessing the risks associated with manual tasks, too often these assessments forget three key ingredients to facilitate the implementation of effective control measures:

- 1) input from the workers performing the task,
- 2) support from management, and
- 3) an assessment tool that helps to focus the controls.

This session will focus on the key ingredients required for a Participative Ergonomics system to be effectively implemented in a workplace. Particular attention will be given to the evaluation of manual task risk assessment tools and case studies where the Participative Ergonomics framework has been employed in various industries.

Learning Outcomes

By attending this workshop you will:

- Understand the importance of the participative ergonomics approach
- Understand the strengths and weaknesses of Participative Ergonomics
- Be aware of the key elements required to effectively implement a Participative Ergonomics system in a workplace
- Discuss various Manual Tasks risk assessment tools and how appropriate they are to Participative Ergonomics
- Discuss the importance of the hierarchy of controls
- Learn how to facilitate the development of controls to ensure that they are effective

About the Presenter

Dr Gary Dennis is a Certified Professional Ergonomics (CPE) who is involved in both ergonomic research through The University of Queensland and the application of ergonomics through his two ergonomics consulting companies ErgoEnterprises and ErgoSolutions.

He has held full time positions at both Griffith University and The University of Queensland, where he taught a variety of biomechanically related subjects, including; Biomechanics, Biomaterials, Biophysics and Ergonomics, and has also taught at UNSW. Currently, he holds an adjunct appointment at The University of Queensland within the School of Human Movement Studies where he teaches primarily into the Ergonomics and Sports Coaching programmes.

Despite his commitment to academia, Gary's research has a long history of applied research in a variety of industries, particularly within the mining, transport and construction sectors. As well as extensive collaborative academic research with Assoc Prof Robin Burgess-Limerick PhD CPE, they are also both joint owners and Directors of ErgoEnterprises Pty Ltd, a company that exclusively focuses on the implementation of Participative Ergonomics systems within industry via its signature software based risk assessment, control development and database management system ErgoAnalyst ©. Whilst advanced biomechanical analysis and engineering design projects are undertaken through ErgoSolutions Pty Ltd, with a long list of clients in a wide variety of industrial sectors.

Places are limited so register today!

Complete the attached registration form and
e-mail or fax to the HFESA Secretariat

secretariat@ergonomics.org.au

fax: (02) 9680 9027