DEPARTMENT OF PSYCHOLOGICAL SCIENCE

Improving Human Performance & Workplace Safety

Research Topics
• Human Fatigue Risk Management
  – Applying sleep research to improve safety
  – Management interventions related to work schedule, shift rotations, training, work task design, and workplace environment
• Safety Engineering
  – Managing risks and preventing industrial accidents
  – Reducing human errors
  – Expert witness consulting
• Higher Education
  – Blended classes
  – Incorporating technology in the classroom

Facilities (if applicable)
• Human Performance Modeling Lab

Dr. Murray’s book applying human factors to reduce risks and improvement industrial safety.

PoC
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Keywords
• Human Factors, Safety, Ergonomics, Human Error, & Risk

Recognitions/Significant achievements
• Mary Kay O’Connor Faculty Fellow
• ASEM Fellow
• Sarchet Lifetime Achievement Award
• ASEE Baker Service Award
• S&T Faculty Research and Service Awards