

# Updates on NORA Musculoskeletal Health Cross-Sector Council Activities

NORA



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## Abstract

The National Occupational Research Agenda (NORA) is a research framework for the United States and for the National Institute for Occupational Safety and Health (NIOSH). The NORA Musculoskeletal Health Cross-Sector (MUS) Council focuses on the mitigation of work-related musculoskeletal disorders (WMSDs). Two projects have been chosen by the MUS Council for disseminating existing information on ergonomic assessment methods and interventions in partnership with the AIHA and the International Ergonomics Association (IEA). The MUS Council plans on leveraging the collaborative efforts for promoting widespread adoption of evidence-based workplace practices for the prevention of WMSDs.

## Objective

The MUS Council partnered with the AIHA Ergonomics Committee and IEA to address the deficiency of centralized ergonomic resources. Two collaborative projects were established: (1) updating the AIHA Ergonomic Assessment Toolkit, and (2) developing an extensive list of ergonomic solutions, interventions and guidelines for various jobs and industries.



Source: iStock



Source: MUS Council

## List of Ergonomic Solutions Spreadsheet

- The spreadsheet contains information on:
  - [Organization that created the document](#)
  - [Brief description of the document](#)
  - [Industries the document applies to](#)
  - [Tasks it applies to](#)
  - [Cost for the document](#)
  - [Year the document was published/produced](#)
  - [Weblink to the document](#)
- Living document on the IEA MSD website
- The MUS council welcomes input and suggestions



## Updated AIHA Ergonomic Assessment Toolkit

- Led by AIHA Ergonomics Committee, additional input from MUS council:
  - [Average time for experienced users to complete each method](#)
  - [Risk predictability](#)
  - [Strength of scientific evidence of each method](#)
- Methods added/updated:
  - [Updated ACGIH Hand Activity \(HA\) TLV](#)
  - [Updated Strain Index \(SI\)](#)
  - [Added ACGIH Upper Limb Localized Fatigue \(ULLF\) TLV](#)
  - [Added Lifting Failure Fatigue Tool \(LiFFT\)](#)
  - [Added Distal Upper Extremity Tool \(DUET\)](#)
  - [Added Occupationally Repetitive Actions \(OCRA\)](#)
  - [Added OSHA Computer Checklist](#)



## Discussion

The presentation of the projects demonstrates the collaborative efforts among the organizations (MUS Council, AIHA and IEA) to disseminate useful ergonomic information to the public. Partnerships with additional organizations may be sought to direct or assist the efforts in updating the two documents.

## Conclusion

The MUS Council encourages interested stakeholders to join in the effort to execute and disseminate the two projects on preventing WMSDs.



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