



## CAPABILITIES

Stuart-Buttle Ergonomics is an ergonomics consulting firm offering services from ergonomics management planning to the details of implementation. We conduct worksite assessments and provide proactive design support, whether for a new or existing system, workstation, or product. Our training courses involve your staff so that ergonomics continues successfully in your company. We have clients in the manufacturing and service sectors, from heavy to light industry and in office environments.

The features of our company are

### **tailored services:**

One approach does not fit all clients. We listen, we analyze, and we tailor our services to meet each company's scale, existing processes, capabilities, and resources. We deliver what our clients want: long-lasting results.

### **systems approach:**

We examine the relationship between people and their work, looking for "the mismatch" between the demands of a job and human ability. Our goal is to balance and integrate these demands and abilities to create efficient and healthy workplaces.

### **science based:**

We are committed to practical, scientifically-based guidance. We use cost-effective, current assessment methods and provide recommendations based on data, knowledge and experience.

### **30 years expertise:**

Principal Carol Stuart-Buttle, certified professional ergonomist, is a widely published, professionally involved career ergonomist. Since 1987, she has successfully built Stuart-Buttle Ergonomics primarily through repeat business and referrals from national and international clients.

Carol is a Fellow of the Human Factors and Ergonomics Society (HFES) and American Industrial Hygiene Association (AIHA). She is Editor of the peer-reviewed publication *Ergonomics in Design*. Carol has held positions of Secretary Treasurer of HFES and member-at-large on the HFES Executive Council. She was also a director of the Board of Certification in Professional Ergonomics (BCPE) for eight years.

## OPTIMIZING HUMAN PERFORMANCE

### Services

Stuart-Buttle Ergonomics provides services in ergonomics to the industrial sector and service industries, and to companies with laboratory and office environments.

*The Computer User's Guide*, authored by Carol Stuart-Buttle, is provided to employees during office ergonomics training and individual assessments. The Guide is also available for purchase.

#### Management Support

Stuart-Buttle Ergonomics works with your team to plan and integrate ergonomics into your existing company processes. We can also assist you with promoting, maintaining and expanding your ergonomics initiatives.

#### Worksite Assessments

We conduct assessments on a spectrum from high level audits to detailed task analyses. Comprehensive assessments measure the job demands in a systems context, including performance and efficiency data.

Problems and improvement opportunities are clearly defined, and practical solutions and guidance are provided. Recommendations are accompanied with resource guidance to assist implementation.

#### Design Support

Stuart-Buttle Ergonomics works with your designers and engineers on new designs and retrofit solutions. We provide criteria to help make the design trade off decisions necessary to integrate the human effectively into the system and provide a balanced job.

#### Training

Stuart-Buttle Ergonomics has conducted Applied Ergonomics Training Courses for many years to industry leaders and company teams. Onsite training is tailored to your industry needs and challenges, and included hands-on problem solving. Shorter awareness courses are also offered for managers and supervisors, and employees.

## Major Clients

Our clients are from a wide variety of industries. Projects conducted in these sectors include management support, worksite assessments, design support and training.

We have assisted some clients in responding to OSHA citations, generating Best Practices guides and integrating ergonomics with Lean manufacturing. Other consultation has involved management support for global integration of ergonomics and expert opinion in legal cases.

### *Industry sectors served:*

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| <b>Chemical</b>                        | <b>Offices &amp; Call Centers</b>          |
| <b>Distribution Centers</b>            | <b>Design Firms</b>                        |
| <b>Food Processing &amp; Packaging</b> | <b>Government</b>                          |
| <b>Pharmaceutical &amp; Medical</b>    | <b>Insurance Companies &amp; Law Firms</b> |
| <b>Printing &amp; Paper</b>            | <b>Service Industries</b>                  |
| <b>Production &amp; Assembly</b>       | <b>Television &amp; Broadcasting</b>       |

### *Partial client list:*

This list includes many long-term clients of both small and large companies:

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|--|--|
| <b>Ballard Spahr Andrews &amp; Ingersoll</b> | <b>Lehigh Valley Hospital</b>                    |
| <b>BioVeris</b>                              | <b>National Association of Chain Drug Stores</b> |
| <b>Bristol-Myers Squibb</b>                  | <b>Nordson Corporation</b>                       |
| <b>Brown Printing</b>                        | <b>Nuclear Regulatory Commission</b>             |
| <b>Butterball Turkey</b>                     | <b>Ohio Bureau of Workers' Compensation</b>      |
| <b>Cephalon</b>                              | <b>Paris Accessories</b>                         |
| <b>Chatham Financial</b>                     | <b>Quest Diagnostics</b>                         |
| <b>Chevron Phillips Chemical</b>             | <b>Rohm and Haas Company</b>                     |
| <b>City of Philadelphia</b>                  | <b>Sanofi-aventis</b>                            |
| <b>ConAgra</b>                               | <b>Solvay Advanced Polymers</b>                  |
| <b>CVSCaremark</b>                           | <b>Towers Watson</b>                             |
| <b>Dow/AgroFresh</b>                         | <b>Townsend</b>                                  |
| <b>GlaxoSmithKline</b>                       | <b>Vertis Communications</b>                     |
| <b>Kulicke and Soffa</b>                     | <b>WABC</b>                                      |

## Publication Highlights

- Stuart-Buttle, C.** 2012. *The Computer User's Guide: Ergonomics for the Office, Home and Mobile Devices*, 3<sup>rd</sup> Edition. Philadelphia PA: Stuart-Buttle Ergonomics.
- Stuart-Buttle, C.** 2012. Regulatory issues. In *The Safety Professionals Handbook, Technical Applications*. JM Haight (Ed), 2<sup>nd</sup> Edition, ASSE. Section 6 p. 935-953
- Stuart-Buttle, C.** 2006. Low back disorders: general solutions. In *Interventions, Controls and Applications in Occupational Ergonomics, The Occupational Ergonomics Handbook, 2<sup>nd</sup> Edition*. WS Marras and W Karwowski (Eds), CRC Press. Ch 16.
- Stuart-Buttle, C.** 2006. Ergonomics process in small industry. In *Interventions, Controls and Applications in Occupational Ergonomics, The Occupational Ergonomics Handbook, 2<sup>nd</sup> Edition*. WS Marras and W Karwowski (Eds), CRC Press. Ch 8.
- Stuart-Buttle, C.** 2006. Overview of national and international standards and guidelines. In *Handbook of Standards and Guidelines in Ergonomics and Human Factors*, W Karwowski (Ed), New Jersey: Lawrence Erlbaum. Ch 5.
- Marras, WS, Allread, WG, Jorgensen, MJ, and **Stuart-Buttle, C.** 2005. *A Best Practices Guide for the Reduction of Musculoskeletal Disorders in Food Distribution Centers*. Columbus, OH: Institute for Ergonomics, The Ohio State University.
- Eastman Kodak Company. 2003. *Kodak's Ergonomic Design for People at Work*. 2<sup>nd</sup> Ed. New Jersey, John Wiley & Sons. **Stuart-Buttle C.** contributed to 5 chapters.