



# HUMAN FACTORS AND ERGONOMICS SOCIETY

## HFES FELLOWS PROFILE



**Name:** Kathleen Robinette

**Email address:** [kathrobinette@gmail.com](mailto:kathrobinette@gmail.com)

**Short biography:**

Established and directed the Human Factors department for Magic Leap Inc. implementing fit mapping into the product development process. Served as Professor and Head of the Department of Design, Housing and Merchandising in the College of Human Sciences at Oklahoma State University. Retired from the Air Force Research Lab after thirty years of service. Spearheaded the development, management, and transitioning of new technologies for incorporating human dimensionality into product engineering. Led the field of engineering anthropometry in 3-D automated scanning and modeling for product design and evaluation. Planned, organized, negotiated and directed the first successful 3-D whole body human measurement survey (CAESAR), through partnerships that included 35 government, industry, and academic organizations. Featured in the Washington Post for this accomplishment and received Good Housekeeping Magazine's Women-in-Government award for exemplifying how government improves people's lives. Co-founded and serves as president of the World Engineering Anthropometry Resources (WEAR) Association, an international non-profit organization with representatives from six continents and 15+ countries, that is developing Distributed Anthropometry Data Network (DADN) providing access to world-wide research data. One of only eight Honorary Fellows of the Human Factors and Ergonomics Society and a Fellow of the Air Force Research Laboratory.

**Career philosophy/mission statement:** Help companies understand the necessity and importance of testing products on human beings during product development.

**Advice for students:** Learn what knowledge and expertise is needed, and then go get it!.

**Specialty Area(s):** Academia & Teaching; Research & Development; Applications & Practice; Management & Supervision

**Field of Interest(s):** Applied Research; Consultant; Individual Differences; Methods; Physical Ergonomics; Product Design; Researcher; Statistics

**Geographic Location:** Ohio

**Willingness to communicate with students/availability for face-to-face or virtual meetings:** Yes, I am available

**If you are willing to communicate with students, how can students contact you?** Email; Skype or video call



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**Fellow status:** Active

**HFES Technical Group Affiliation(s):** Product Design Technical Group

**Year inducted as a fellow:** 2006

**Awards/Honors:** AFRL Fellow, 2007; Women in Government Award, Center for American Women & Politics/Good Housekeeping Magazine 2002; Arch T. Colwell Merit Award, Society of Automotive Engineers, 2001

**Links to publications /Lab website/Research Gate or similar profile:**

<http://fitmetrix.com/>