



HUMAN FACTORS AND ERGONOMICS SOCIETY

HFES FELLOWS PROFILE



Name: Valerie Gawron

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Short biography: Writer and international traveler Valerie Gawron loves to explore different places, investigate alternate ideas, and meet new people. These qualities, paired with her multiple advanced degrees, match up well for her job as a human-systems integrator in MITRE's Center for Advanced Aviation System Development (CAASD), the FFRDC for the Federal Aviation Administration.

Before coming to MITRE in 2007, Gawron spent many years designing, testing, and evaluating systems for government, military, and private organizations. Her work has ranged across all types of human factors engineering projects including fielding computer-aided engineering tools; evaluating security systems in airports and embassies; conducting research in human performance optimization; directing accident reenactments; and testing helmet-mounted displays and night-vision goggles.

Career philosophy/mission statement: I wanted to try everything that was moral and legal.

Advice for students: Never take no for an answer.

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

Field of Interest(s): Aerospace; Applied Research; Attention; Augmented Cognition; Automation; Aviation; Basic Research; Biomechanics; Cognition; Cognitive Psychology; Communications; Cyber Security; Decision Making; Ergonomics or Ergonomist; Expertise; Forensics; Healthcare; Human Computer Interaction; Human Error; Human Performance; Individual Differences; Industrial Engineering; Leadership; Manager or Management; Memory; Methods; Military; Motivation; Musculoskeletal; Neuroergonomics; Occupational Health; Perception; Physical Ergonomics; Practitioner; Product Design; Researcher; Safe Patient Handling; Safety; Simulation; Statistics; Stress; Task Analysis; Theorist or Theoretical; Training; Transportation; User Experience/UX; Virtual Environments; Workload

Geographic Location: Virginia

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

Fellow status: Active

HFES Technical Group Affiliation(s): Aerospace Systems Technical Group; Surface Transportation Technical Group



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Year inducted as a fellow: 1996

Awards/Honors: Fellow, International Ergonomics Association, 2010, Associate Fellow, American Institute of Aeronautics and Astronautics, 1992

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

https://www.researchgate.net/profile/Valerie_Gawron

[CV/Resume](#)