



HFES FELLOWS PROFILE



Name: Gregg C. Vanderheiden

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Short Biography: Professor, Director of Trace R&D Center at University of Maryland - College Park. Worked in technology and disability for over 45 years. Pioneer in Augmentative Communication (term taken from his writings) and in cross-disability access to ICT. Most of the initial access features in both Microsoft Windows and Apple Mac operating systems came/licensed royalty free from his Center. Work also found in computers, phones, Automated Postal Stations, Amtrak ticket machines and airport terminals. Co-chaired both WCAG 1.0 and 2.0 working groups. Worked with over 50 companies and numerous government advisory including for FCC, NSF, NIH, the US Access Board and White House. He has received over 30 awards for his work. Current work is helping create a Global Public Inclusive Infrastructure (GPII).

Career philosophy/mission statement: To advance the lives of people who experience barriers to life through technology and working to ensure that technology does not create barriers to life and living itself due to its design.

Advice for students: Study, Learn, Teach, Serve, Share, Lead, Change.

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

Field of Interest(s): Aging; Applied Research; Communications; Ergonomics or Ergonomist; Human Computer Interaction; Individual Differences; Industrial Engineering; Product Design; Researcher

Geographic Location: Maryland

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): Aging Technical Group; Internet Technical Group

Year inducted as a fellow: 2012

Awards/Honors: ACM Social Impact Award for the Human-Computer Interaction Community (Inaugural Awardee); The RESNA Colin McLaurin Distinguished Lectureship Award and Keynote; TDI Karen Peltz-Strauss Public Policy Award; Oberdorfer Award in Low Vision, presented by the Association for Research



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in Vision and Ophthalmology (ARVO) and the ARVO Foundation for Eye Research; Fellow Human Factors Society; Ron Mace Award; RESNA Mentor Award, presented by the Rehabilitation Engineering and Assistive Technology Society of North America; Access award from AFB; Yuri Rubinsky Memorial Award (WWW6); Isabelle and Leonard H. Goldenson Award for Outstanding Research in Medicine and Technology; Ragnar E. Onstad Service to Society Award; American Speech-Language-Hearing Foundation Outstanding Clinical Achievement Award; National Easter Seal Society Certificate of Honor; Isabelle and Leonard H. Goldenson Award for Outstanding Research in Medicine and Technology; United Cerebral Palsy Association Manmade Environment Award; Wisconsin Alumni Research Foundation Fellow

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

- <https://ischool.umd.edu/faculty-staff/gregg-vanderheiden>
- https://www.researchgate.net/profile/Gregg_Vanderheiden

[CV/Resume](#)