

David M Holstius

600 S Dallas Ave Apt 1
Pittsburgh, PA 15217
(412) 973-2546

- Objective** To apply systems thinking, rapid prototyping, and interaction design methods to the development of sustainable, collaborative, research-driven designs.
- Education** M.S., Human-Computer Interaction. Carnegie-Mellon University, 2002. 3.8 GPA.
B.S., Mathematics, & B.S., Computer Science. Michigan State University, 1997. 3.9 GPA.
- Experience**
- Interaction Designer and Technical Coordinator 2004–2005**
DMM Transformation Project, Carnegie Mellon University
- Led technical development for the ongoing publication of the Domestic Mail Manual, the US Postal Service’s 1700-page core legal document. Introduced web-based Transitional Tool, improving process transparency for client. Streamlined QA with scripting tools. Created illustrations, edited press copy, and prepared research briefs.
- HCI Researcher 2002–2004**
Project on People and Robots, Carnegie Mellon University
- Co-developed, with nursing and engineering colleagues, an interface for a robotically augmented walker to assist older adults with ambulation. Co-designed novel ambient display using living and robotic plant forms to gauge recycling behavior in a cafeteria. Published design process and measurements of behavioral changes in DIS 2004.
- Accessibility Consultant 2000–2002**
Resource Center for Persons with Disabilities, Michigan State University
- Introduced e-text production to University’s program for print-impaired students, speeding turnaround by 300%. Implemented Section 508 federal guidelines in departmental website. Created and taught web accessibility seminars to faculty/staff.
- Publications**
- Holstius D, Kembel J, Hurst A, Wan P, and Forlizzi J. (2004) *Infotropism: Living and Robotic Plants as Interactive Displays*. Proceedings of DIS 2004: Boston.
- Glover J, Holstius D, Manojlovich M, Montgomery K, Powers A, Kiesler S, Matthews J, & Thrun S. (2003) *A Robotically-Augmented Walker for Older Adults*. Tech Rpt CMUCS03170.
- Awards and Distinctions**
- National Science Foundation Fellowship Honorable Mention, 2003.
Judy K. Gentile Award: Distinguished Service on Behalf of Persons with Disabilities, 2002.
National Outdoor Leadership School graduate, with honors, 1999.
MSU Alumni Distinguished Scholarship (4 yrs tuition, stipend, room & board), 1997-2002.
National Merit Finalist & Presidential Scholarship Semifinalist, 1997. 780/800/800 GRE.
- Website** <http://www.andrew.cmu.edu/user/dholstiu/>