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Holly K. Ault, Ph.D.

Associate Professor

Higgins Labs 207
508-831-5498 (Voice)
508-831-5680 (Fax)
hkault@wpi.edu



Related Information

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Education

- B.S. Worcester Polytechnic Institute, 1974
- M.S. Worcester Polytechnic Institute, 1983
- Ph.D. Worcester Polytechnic Institute, 1988

Research

- Computer-aided Geometric Design, CAD, Computer Graphics
- Mechanical Design, Kinematics
- Rehabilitation Engineering, Biomechanics

Publications

- A. H. Hoffman, H. K. Ault, D. W. Nicoletti, and C. Demetry, "Teaching Disability Awareness and Universal Design to Middle School Students", International Conference on Universal Design, Providence, RI, June 2000.
- A. H. Hoffman, H. K. Ault, R. Catricala, S. Kohn, and J. Ripley, "Design of a Wheelchair Bumper System", RESNA Annual Conference, June 2000.
- H. K. Ault, S. Hurwitz, and D. Levia (Clark University), "Modeling the geometry of leafless canopy trees for the determination of total woody surface area and its influence on leachate chemistry", International Conference on Geometry and Graphics, Johannesburg, SA, July 27-31, 2000.
- Ault, H.K., "Modeling Strategies for Parametric Design", International Society for Graphics and Geometry, 7th International Conference, July 1996.
- A.H. Hoffman and H.K. Ault, "A Retrospective Study of the Use and Abandonment of Assistive Devices Developed by Student Design Projects", 1996 RESNA Annual Conference, Salt Lake City, Utah, June 7-12, 1996.

[Extended Publications Listing](#)

Honors and Awards

- Sigma Xi
- Tau Beta Pi
- Phi Lambda Upsilon
- Pi Tau Sigma
- Sigma Mu Epsilon
- Several national, regional and local MQP awards including James F. Lincoln Foundation, ASME Student Papers, WPI Provost's Awards
- 1987 Merle K. Miller Award for outstanding CoED Journal paper on teaching/instructional methods.

Scientific and Professional Societies/Memberships

- Member, ASME, ASEE, RESNA, SWE
- 2002 Annual Conference Program Chair, Engineering Design Graphics Division, ASEE

Mechanical Engineering Department - Worcester Polytechnic Institute

100 Institute Road, Worcester, MA 01609-2280 | Phone: +1-508-831-5236 | Fax: +1-508-831-5680 | me@wpi.edu