

CURRICULUM VITAE

Name: Thomas T. Hewett
Born: September 17, 1941, Logan, UT
Marital Status: Married (3 Children)

EDUCATION

Ph.D. - 1974 University of Illinois at Urbana-Champaign, Major:
Psycholinguistics; Minor: Linguistics; Minor: Social
Psychology
A. M. - 1971 University of Illinois at Urbana-Champaign, Major:
Social Psychology
B. S. - 1967 University of Utah, Major: Psychology; Minor:
Anthropology

FACULTY APPOINTMENTS

2013 – Present: Professor Emeritus of Psychology and Computer Science,
Drexel University, Philadelphia, PA
1999 - Present: Associate Member, Creativity and Cognition Studios,
University of Technology Sydney, Australia (Until 2003 the
Creativity and Cognition Studios were housed at the
Department of Computer Science and School of Art and
Design, Loughborough University, Loughborough UK.)
Jun. 2013: Visiting Fellow in the Creativity and Cognition Studios,
Faculty of Information Technology, University of
Technology Sydney.
2001 - 2013: Professor of Psychology, Department of Psychology, Drexel
University, Philadelphia, PA.
1998 - 2013: Professor of Computer Science, Department of Computer
Science, Drexel University, Philadelphia, PA
1997 - 2013: Affiliated Professor, School of Biomedical Engineering,
Science, and Health Systems, Drexel University,
Philadelphia, PA
Jul 2010-Aug 2011 Visiting Researcher, Drakontas, LLC, Glenside, PA
Jul. 3-7, 2006: Visiting Professor, Course Module on Human Problem
Solving, User System Interaction Master's Program in
Technological Design, Technical University of Eindhoven,
The Netherlands. (This was a continuation of an ongoing
appointment. Earlier versions of the course were conducted
20-24 Jun., 2005; 3-7 May, 2004; 17-21 May, 2003; and 9-13
Sep., 2002.)

Jan. 5-9, 2004: Visiting Professor, Department of Computer Science, University of Tampere, Tampere, Finland. (A previous visit was made 15-20 Jan., 1997.)

Nov. 2003: Visiting Professor in the Creativity and Cognition Studios, Faculty of Information Technology, University of Technology Sydney.

2002-2003: Visiting Scientist, CHI Systems, Inc., Fort Washington, PA

1990 - 2001: Professor of Psychology, Department of Psychology, Sociology and Anthropology, Drexel University, Philadelphia, PA

Dec. 2-6, 1996: Visiting Professor, Center for Usability Research and Evaluation and Institut fuer Statistik und Informatik Abteilung fuer Angewandte Informatik, University of Vienna, Vienna, Austria

Apr. 12-18, 1995: Visiting Professor, Department of Ergonomics, Twente University of Technology, Hengelo, The Netherlands

Winter 1994-95: Guest Professor, Institut fuer Statistik und Informatik Abteilung fuer Angewandte Informatik, University of Vienna, Vienna, Austria

1980 - 1990: Associate Professor of Psychology, Department of Psychology, Sociology and Anthropology, Drexel University, Philadelphia, PA

1978 - 1980: Assistant Professor of Psychology, Department of Psychology, Sociology and Anthropology, Drexel University, Philadelphia, PA.

1973-1978 Assistant Professor of Psychology, Department of Psychology and Education, Drexel University, Philadelphia, PA.

UNIVERSITY TEACHING EXPERIENCE

1. Cognitive Psychology (Undergraduate, Honors*, Majors only, and Graduate*)
2. The Psychology of Human-Computer Interaction* (cross-listed as a Psychology course and as a Computer Science course since 1995)
3. The Psychology of Human-Computer Interaction Design (Graduate*)
4. Human Factors and Cognitive Engineering*
5. Problem Solving and Creativity (Graduate*)
6. University Honors Program Freshman Seminars (each 1 credit):
Cognitive Engineering*, Analogy in Creative Thought*, Creative Cognition*, Memory and Memory Skills*, Invention by Design*, Experts and Expertise*)
7. History and Systems of Psychology (Undergraduate and Graduate*)
8. Social Psychology (Introductory and Advanced)
9. University Leadership Seminar (1 credit): Introduction to Leadership*
10. Data Analysis (Graduate*)
11. Computer Applications in the Behavioral Sciences*

12. General Psychology
13. Introductory Statistics
14. Drexel University Faculty Development Microcomputer Seminar*
15. Psycholinguistics (Undergraduate* and Graduate*)
16. Social Research Methods
17. Psychological Problems of Modern Youth
(*Indicates new courses created at Drexel)

External Examiner on Ph. D. Theses

Department of Psychology, Carlton University, Ottawa, Canada
 Ph. D. Dissertation external examiner for 1 Student

Faculty of Information Technology, University of Technology, Sydney, Australia
 Ph. D. Dissertation external examiner for 3 Students

Department of Computer Science (Loughborough University of Technology,
 Loughborough, UK, Ph.D. Dissertation external examiner for 1 Student.

Graduate Student Supervision:

Department of Culture and Communications (Drexel)
 Member of Ph. D. Dissertation Committee for 1 student

Department of Civil and Architectural Engineering (Drexel)
 Member of Ph. D. Dissertation Committee for 1 student.

Department of Psychology (Drexel)
 Member of the Ph. D. Dissertation Committee for 1 student.

Department of Psychology, Sociology and Anthropology (Drexel):
 Thesis Advisor for the M. S. research for 4 students. Dissertation Committee
 Chair for 3 students. Member of the M. S. Thesis Committee for 5 students.
 Member of the Ph. D. Dissertation Committee for 6 students. (M.S. in
 Neuropsychology approved by Drexel University, 1985. Ph. D. in
 Psychology approved by the Commonwealth of Pennsylvania, 1990.)

Department of Computer Science (Drexel):
 Member of the M.S. Thesis Committee for 4 students.
 Member of the Ph. D. Dissertation Committee for 1 student.

School of Biomedical Engineering, Science and Health Systems (Drexel):
 Dissertation Committee Chair for 1 student.
 Member of the Ph.D. Dissertation Committee for 2 students.

College of Information Science and Technology (Drexel):
 Member of the Ph. D. Dissertation Committee for 13 students.

Department of Nutrition and Foods (Drexel):
 Member of the M. S. Thesis Committee for 2 students.

Museum Exhibition Planning and Design (University of the Arts):
 Member of the M.S. Thesis Committee for 1 student.

RESEARCH ACTIVITIES AND INTERESTS

Publications (Refereed), Juried Shows, and Refereed Conferences: (Note: Submissions to major Computer Science conferences such as CHI, HCI, SIGGRAPH, SIGCSE, and INTERACT are typically reviewed by 3-7 referees and appear in an archival publication.)

Kam, M., Abichandani, P. & Hewett, T. (in press). Simulation detection in handwritten documents by forensic document examiners. Journal of Forensic Sciences,

Char, B. W. & Hewett, T. T. (2014). A first year common course on computational problem solving and programming. Proceedings of SIGCSE 2014: The 45th ACM Technical Symposium on Computer Science Education, Pp. 713-713, ACM, New York, NY, USA. doi>[10.1145/2538862.2544303](https://doi.org/10.1145/2538862.2544303)

Shneiderman, B., Fischer, G., Czerwinski, M. Resnick, M., Myers, B., Candy, L., Edmonds, E., Eisenberg, M., Giaccardi, E., Hewett, T., Jennings, P., Kules, W., Nakakoji, K., Nunamaker, J., Pausch, R., Selker, T., Sylvan, E., Terry, M. (2006). Creativity support tools: Report from a U. S. National Science Foundation Sponsored Workshop. International Journal of Human Computer Interaction, 20(2), 61-77.

Hewett, T. T. (2005). Informing the design of computer-based environments to support creativity. International Journal of Human-Computer Studies, 63, 383-409.

Edmonds, E., Candy, L., Brown, P., Hewett, T., & Jefferies, J. (Eds.) (2005). Creativity and Cognition: Proceedings of the 5th conference on creativity and Cognition. New York: ACM Press.

Hewett, T. T. & Kavanagh, T. (Eds.) (2002). Creativity and Cognition: Proceedings of the 4th conference on creativity and cognition. New York, ACM Press.

Hewett, T. T. & Marcus, M. (2002). The Case for Benjamin Franklin Medal in Computing and Cognitive Science for Marvin L. Minsky. Journal of the Franklin Institute, 339, 295-302.

Darzentas, J., Hewett, T. T., Spyrou, T. & Darzentas, J. (2001). Bringing human computer interaction into a department of product and systems design. In M. Hirose, (Ed.). Human-Computer Interaction - INTERACT '01 (pp. 488-495). Amsterdam: IOS Press (also at http://www.syros.aegean.gr/users/tsp/conf_pub/2001_Interact_syr/Syros_CRC.pdf)

Czajkowski, M. F., Foster, C. V., Hewett, T. T., Casacio, J. A., Regli, W. C., & Sperber, H. A. (2001). A student project in software evaluation. In D. Finkel (Ed.). Proceedings of the 6th Annual SIGCSE Conference on Innovation and

Technology in Computer Science Education (ITiCSE) (pp. 13-16). New York, NY: Association for Computing Machinery.

Hewett, T. T. & Porpora, D. V. (1999). A case study report on integrating statistics, problem-based learning and computerized data analysis. Behavior Research Methods, Instruments, & Computers, 31, 244-251.

Hewett, T. T. & Adelson, B. (1998). Psychological science and analogical reminding in the design of artifacts. Behavior Research Methods, Instruments & Computers, 30, 314-319.

Johnson, J. , Lakshman, Y. N., Hewett, T. T., Souder, T. , Donegan, S., Fitzgerald, T., & Morgovsky, P. (1998). Virtual office hours using TechTalk, a web-based mathematical collaboration tool. In Proceedings of the 3rd Annual Conference on Integrating Technology into Computer Science Education (pp. 130-133). New York: ACM Press.

Hewett, T. T. (1995). Towards a generic strategy for empirical evaluation of interactive computing systems. In G. Perlman, G. K. Green, & M. Wolgalter (Eds.), Human factors perspectives on human-computer interaction (pp. 167-171). Santa Monica, CA: Human Factors and Ergonomics Society. (Originally in Proceedings of the Human Factors Society 33rd Annual Meeting. Santa Monica, CA: Human Factors Society, and re-reviewed for the edited collection of papers.)

Hewett, T. T. & Tscheligi, M. (1995). Advanced interaction in university based education. In K. Nordby, P. Helmersen, D. J. Gilmore, & S. A. Arnesen, (Eds.), Human computer interaction--INTERACT '95 (pp. 423-426). London: Chapman & Hall.

Hewett, T. T., Baecker, R., Card, S., Carey, T., Gasen, J., Mantei, M., Perlman, G., Strong, G., and Verplank, W. (1992). ACM SIGCHI curricula for human-computer interaction. New York: The Association for Computing Machinery. (ACM Order Number: 608920)

Hewett, T. T. (1991). The importance of failure analysis for human-computer interface design. Interacting with Computers, 3, 3-8.

Mantei, M., Hewett, T., Eason, K. & Preece, J. (1991). Report on the INTERACT '90 Workshop on education in HCI: Transcending disciplinary and national boundaries. Interacting with Computers, 3, 232-240.

Hewett, T. T. (1990). The Drexel Disk: An obsolete hypertext "document." Demonstrations and multiple day displays as part of the juried Hypermedia show at the SIGGRAPH '90 Conference on Computer Graphics, Dallas, TX.

Hewett, T. T. (1989). Towards a rapid prototyping environment for interface design: Desirable features suggested by the electronic spreadsheet. In A. Sutcliffe & L. Macaulay (Eds.), People and computers V (pp. 305-314). Cambridge: Cambridge University Press.

Hewett, T. T. (1989). The Drexel Disk: Hypertext based instructional software as a tool for the exploration of a constrained knowledge space. Behavior Research Methods, Instruments & Computers, 21, 316-325.

Hewett, T. T. (1988). Some observations on applications of microcomputers in teaching. Behavior Research Methods, Instruments & Computers, 20, 191-192.

Hewett, T. T. (1988). The electronic spreadsheet as a professional productivity tool. Behavior Research Methods, Instruments & Computers, 20, 231-235.

Hewett, T. T. (1987). The computer as a tool in instructional computing: Students as software architects. Behavior Research Methods, Instruments & Computers, 19, 123-127.

Hewett, T. T. (1987). The Drexel Disk: An electronic guidebook. In D. Diaper & R. Winder (Eds.), People and computers III (pp. 115-129). Cambridge: Cambridge University Press.

Hewett, T. T. & Scott, S. (1987). The use of thinking-out-loud and protocol analysis in development of a process model of interactive database searching. In H.-J. Bullinger & B. Shackel (Eds.), Human computer interaction--INTERACT '87 (pp. 51-56). Amsterdam: North-Holland.

Hewett, T. T. (1986). The role of iterative evaluation in designing systems for usability. In M. D. Harrison and A. F. Monk (Eds.), People and computers: Designing for usability (pp. 196-214). Cambridge: Cambridge University Press.

Hewett, T. T. (1986). Using an electronic spreadsheet simulator to teach neural modeling of visual phenomena. Collegiate Microcomputer, 4, 141-151.

Hewett, T. T. (1986). When every student has a computer: A new perspective on courseware and its development. Behavior Research Methods, Instruments & Computers, 18, 188-195.

Hewett, T. T. & Meadow, C. T. (1986). On designing for usability: An application of four key principles. In Proceedings CHI '86 Conference on Human Factors in Computing Systems (pp. 247-252). New York: Association for Computing Machinery.

Hewett, T. T. & Perkey, D. J. (1986). Bootstrapping microcomputers at Drexel University: The role of a faculty newsletter. Behavior Research Methods, Instruments & Computers, 18, 157-161.

Hewett, T. T. & Perkey, D. J. (1986). Reflections on microcomputing from Drexel University. Collegiate Microcomputer, 4, 97-100.

Hewett, T. T. (1985). Teaching students to model neural circuits and neural networks using an electronic spreadsheet simulator. Behavior Research Methods, Instruments, & Computers, 17, 339-344.

Hewett, T. T. (1984). A survey of contact lens wearers: Part I, Design and demographics. American Journal of Optometry and Physiological Optics, 61, 65-72.

Hewett, T. T. (1984). A survey of contact lens wearers: Part II, Behaviors, attitudes and expectations. American Journal of Optometry and Physiological Optics, 61, 73-79.

Hewett, T. T. & Perkey, D. J. (1984). The mythical "mountain" of software. Collegiate Microcomputer, 2, 207-210.

Smith, A. L., Hewett, T. T., Perkey, D. J., Russell, R. N., Burton, J. S., Eisenstein, B. A., Herr, A. J., Carmone, F. J., Jr., Farouk, B., Gordon, W. J., & Strong, G. W. (1984). On selecting a microcomputer for 1800 freshmen at Drexel. Collegiate Microcomputer, 2, 107-112.

Meadow, C. T., Hewett, T. T., & Aversa, E. S. (1982). A computer intermediary for interactive data base searching: Part I, Design. Journal of the American Society for Information Science, 33, 325-332.

Meadow, C. T., Hewett, T. T., & Aversa, E. S. (1982). A computer intermediary for interactive data base searching: Part II, Evaluation. Journal of the American Society for Information Science, 33, 357-364.

Weiss, B. A., Hewett, T. T., & Mentzer, J. R. (1979). Evidence that line illusions originate in the central nervous system. Perceptual and Motor Skills, 48, 1165-1166.

Weiss, B. A., Hewett, T. T., & Mentzer, J. R. (1979). Evidence that the colored shadow effect is retinal. Perceptual and Motor Skills, 48, 1109-1110.

Hewett, T. T., O'Brien, G. E., & Hornik, J. (1974). The effects of work organization, leadership style, and member compatibility upon small groups working on a manipulative task. Organizational Behavior and Human Performance, 11, 283-301.

O'Brien, G. E., Fiedler, F. W., & Hewett, T. T. (1971). The effects of programmed culture training upon the performance of volunteer medical teams in Central America. Human Relations, 24, 209-231.

Costin, F. & Hewett, T. T. (1971). Teaching and magic. Educational Forum, 36, 33-45.

Awards, Grants, and/or Contracts

Co-PI (30 Jun, 2013 to 31 May, 2014) on Computational Lab, The Mathworks, Inc. (Bruce Char, Principal Investigator) (\$49,995, with \$ for \$ match by the Drexel College of Engineering).

Grant Mentor (1 July, 2011 to 30 Jun, 2013) for Dr. Kuang-Yi Wen on a K01 grant, MyHealth Portal: Using an Electronic Portal to Empower Patients with Breast Cancer. An NIH grant (no salary) awarded to the Fox-Chase Cancer Center.

Visiting Fellow to the Faculty of Information Technology, University of Technology Sydney Australia (9 Jun., 2013 to 22 Jun., 2013), funded jointly by the Faculty of Information Technology and the Institute for Information and Communication Technology (\$AU 5,000).

PI (1 Jun., 2010 to 30 May, 2011) on Human Centered Network Visualization. DoD Contract #DAAB07-01-9-L504 (\$106,000) to Drexel's ACIN Center.

Visiting Fellow to the Faculty of Information Technology, University of Technology Sydney Australia (22 Oct., 2010 to 15 Nov., 2010), funded by a Stein Family Foundation Fellowship (\$AU 5,000).

Faculty Leave Award (1 Sep., 2010 to 31 Aug., 2011) funded by Drexel University. (Drexel University does not routinely award faculty leaves. The University has a competitive leave award program that requires a proposal. Not all proposals are funded.) (1 Year at 2/3rds salary.)

Co-PI (1 Oct., 2009 to 31 Sep. 2011) on Collaborative Research: The Learning Bridge. NSF EEC-0855023 (Emin Aktan, Principal Investigator,) In collaboration with Northeastern University, Purdue and Texas A&M. (\$275,000)

PI (1 Dec., 2006 to 31 Aug, 2011) on the Lewis and Bessie Stein Family Fellowship Award, "Design of Problem Representations to Improve Complex Learning and Decision Making Processes in Project Management." (Israeli Co-Pi, Avraham Shtub) (\$20,000)

Co-PI (1 Apr., 2008 to 31 Dec., 2010) on Forensic Document Analysis, TSWG Task T-2843. (Moshe Kam, Principal Investigator) (\$388,000)

Co-PI (1 Sep., 2003 to 31 Aug, 2008) on NSF ITR grant REC-0325872, "Tools for Mathematics Communication in Education." (Werner Krandick, Principal Investigator) (\$899,269)

PI (2 Feb., 2006 to Mar., 2007) on Dynamic Manager Integrating OTM Networks: A Study of Network Management Configuration for Missions. DoD Contract #DAAB07-01-9-L504 (\$350,000) to Drexel's ACIN Center

- PI (1 Mar, 2006 to 31 Dec., 2006) on DRAGONFORCE Evaluation: Situational Awareness Tools and Wireless Communication for First Responders. Sub-Contract with Drakontas, LLC., from the National Institute of Justice (\$82,000)
- PI (1 Oct., 2004 to 31 Aug, 2006) on the Lewis and Bessie Stein Family Fellowship Award, "Human-computer interaction design of a project management simulator." (Israeli Co-Pi, Avraham Shtub) (\$20,000)
- Co-PI (1 Jan, 2005 to 30 Jun, 2005) on a Drexel Strategic Educational Initiatives Mini Grant, "Concept Mapping as a Tool to Integrate and Assess Student Learning in an Introductory Architectural Engineering Course." (James Mitchell, Principal Investigator) (\$5,000)
- Faculty Leave Award (1 Sep., 2003 to 31 Aug., 2004) funded by Drexel University. (Drexel University does not routinely award faculty leaves. The University has a competitive leave award program that requires a proposal. Not all proposals are funded.) (1 Year at 2/3rds salary.)
- Visiting Faculty to the Faculty of Information Technology, University of Technology Sydney Australia (7 Nov., 2003 to 5 Dec., 2003), funded jointly by the Faculty of Information Technology and the Institute for Information and Communication Technology (\$AU 10,000).
- Co-PI (1 Oct., 1998 to 31 Aug., 2002) on NSF Knowledge and Distributed Intelligence in the Information Age (KDI) Initiative Grant CISE/IIS-9873005, "Networked Engineering" (William Regli, Principal Investigator) with subcontracts to USC and Carnegie Mellon University). (\$1,200,000; Drexel portion \$400,000) (This proposal was one of 42 funded out of over 900 submissions.)
- Visiting Fellow (Oct., 2000 to Sep., 2001) for multiple short visits under British Engineering and Physical Sciences Research Council Grant Ref. GR/COJM5, The Psychology of Human-Computer Interaction in Creative Work by Visual Artists. (Ernest A. Edmonds, Director, Loughborough University Creativity and Cognition Research Studio, Principle Investigator). (£ 8,000)
- Visiting Scientist (Mar, 2000) under a grant from the Battelle Pacific Northwest National Laboratory. (\$3000)
- Recipient of a grant to cover expenses for the development and running of a Tutorials to Go Speakers Bureau for local chapters of the ACM SIGCHI (1998 - 2000). Funded by the Association for Computing Machinery's Special Interest Group on Computer-Human Interaction. (\$10,000)
- Visiting Fellow (Calendar 1999) for multiple short visits under British Engineering and Physical Sciences Research Council Grant Ref. GR/M59143 The Psychology of Human-Computer Interaction in Creative Work by Visual

Artists. (Ernest A. Edmonds, Director, Loughborough University Creativity and Cognition Research Studio, Principle Investigator). (£ 10,500)

Faculty Associate (1 Oct., 1995 to 31 Aug., 1999) on a subcontract (Bruce Char, Principal Investigator) to the California Institute of Technology on NSF Grant CISE/CCR-9527130, "Integration of symbolic computing with frameworks of classes and problem-solving archetypes." (K. Mani Chandy, Principal Investigator.) (\$2,300,000; Drexel portion \$450,000)

Recipient of meeting expense grants to support a symposium (Apr., 1999) held at Drexel University to honor the work of Douglas Engelbart. Funded by the Drexel University Vice President for Research. Funding also provided by the Drexel University Honors Program, by Anderson Consulting, and by the Benjamin Franklin Institute. (\$8,500)

Co-Investigator (Jan., 1993 to Jun., 1997) with Douglas Chute, Anthony Glascock, Barbara Hornum, and David Kutzik on GeMS (The Gerontological Monitoring System), funded by private investors. (\$56,500)

Substitute Principal Investigator (1 Jan., 1995 to 30 Apr., 1995) on NSF Grant IRI-9322659 and Amendment No. 001, "Workshop on new directions in HCI education and research." (Gary W. Strong, Original Principal Investigator). (\$52,475)

Faculty Leave Award (26 Sep., 1994 to 31 Dec., 1994 and 3 Apr., 1995 to 30 Jun., 1995) funded by Drexel University. (Drexel University does not routinely award faculty leaves. The University has a competitive leave award program which requires a proposal. Not all proposals are funded.) (6 months at full salary.)

Recipient of travel and meeting expense grants to support the expenses of the ACM SIGCHI Curriculum Development Group (4 Aug., 1988 to 30 Jun., 1992). Funded by the Association for Computing Machinery's Special Interest Group on Computer-Human Interaction. Supplemental funding also provided by Drexel University, the Drexel University College of Humanities and Social Sciences, and the Drexel University College of Information Science and Technology. (\$55,000)

Created endowments (1991, 1990) with Sigma Xi, The Scientific Research Society of North America, to enable an on-going program of student Grants-In-Aid of Research in Human-Computer Interaction. Funded by the Association for Computing Machinery's Special Interest Group on Computer Human Interaction. (\$21,600)

Recipient of travel and meeting expense grants (1990 - 1991) to support the attendance of educators at the Tutorial on Curriculum Development offered at CHI '91. Funded by the Association for Computing Machinery's Special Interest Group on Computer-Human Interaction. (\$3,000)

Recipient of several Faculty and Courseware Development Grants (1983 - 1990), funded by a grant to Drexel University from the Pew Memorial Trust or funded by Drexel University. (\$150,000)

Co-Investigator (1 Apr., 1988 to 31 Aug., 1988) on a Benjamin Franklin Partnership Grant, "Performance measurement system development" (Douglas L. Chute and Charles J. Golden, Co-Investigators). (\$15,000)

Recipient of an equipment grant (Jun., 1988) from Drexel University Office of Admissions. (\$2,200)

Recipient of an equipment grant (Nov., 1987) from Apple Computer Corporation. (\$5,000)

Faculty Associate (1 Jul., 1987 to 31 Dec., 1987) on a U.S. Department of Education Supplemental Funds Program for Co-operative Education grant to the Drexel University Center for Co-operative Education. (\$14,000)

Recipient of a travel grant (Nov., 1986) from Apple Computer Corporation. (\$1,000)

Faculty Associate (1 Apr., 1978 to 30 June, 1980) on NSF Grant DSI-77-26524, "Individualized instruction for data access" (Charles T. Meadow, Principal Investigator). (\$250,000)

Recipient of a travel grant (Dec., 1979) from the Soflens Division, Bausch & Lomb, Rochester, NY. (\$1,200)

Faculty Associate (1 Apr., 1977 to 30 Jun., 1978) on "Emotional education as a remedial program for colleges and universities." Funded by the Drexel University College of Engineering (Joel F. Reissman, Principal Investigator). (\$5,000)

Faculty Associate (1 Jan., 1977 to 31 Mar., 1977) on NSF Grant DSI-76-09737, "Individualized instruction for data access" (Charles T. Meadow, Principal Investigator). (\$58,000)

Principal Investigator (1 July, 1975 to 30 Sep., 1976) on, "Some psychological factors in vision correction." Contract funded by the Soflens Division of Bausch & Lomb, Rochester, NY. (\$15,000)

Faculty Associate (1 July, 1974 to 30 Sep., 1974) on HEW grant OEG-0-74-2422, "Strengthening and expanding of cooperative education programs" (Jeanne D. Brugger, Principal Investigator). (\$125,000)

Publications (Lightly-refereed or Edited works):

Oddo, G., Cannon, C., Pelligrino, D., Hewett, T. & Regli, W. (2011, Nov.) Human-Centered Network Visualizer: Visual Abstractions of Network

Operations in a Tactical Environment. In Proceedings of the IEEE MILCOM 2011 Conference. Baltimore, MD.

Shtub, A., Parush, A. & Hewett, T. T. (2009). The Use of Simulators in Learning and Teaching. *International Journal of Engineering Education*, 25(2), Pp. 206-208.

Candy, L. & Hewett, T. T. (2008). Investigating and Cultivating Creativity. *International Journal of Human Computer Interaction*. Pp. 441-443, Taylor & Francis.

Belov, N., Koeck, C., Krandick, W., Shaffer, J., & Hewett, T. (2005). Intellectual teamwork on smartphones. In Proceedings Mobile HCI 05. Pp. 379-380, New York: ACM Press.

Hewett, T. T. (2005). Designing with the human memory in mind. In Proceedings Mobile HCI 05. New York: ACM Press.

Hewett, T. T. (2005). Cognitive factors in design: Some observations on human memory and problem solving. In Proceedings HCI 2005: The 19th British Computer Society HCI Group Conference.

Hewett, T. T. & Sari, D. J. (2005) Instructional computing: What students want. Las Vegas, NV: HCI International: The 11th International Conference on Human Computer Interaction, CD-ROM.

Hewett, T. T. (2005). Some observations on "Cognitive Factors in Design." In Proceedings of the 2005 International Conference on Intelligence Analysis, <https://analysis.mitre.org/proceedings/authorsort.htm> (accessed 14 Sep., 2005).

Scholtz, J., Morse, E. & Hewett T. (2005). An analysis of qualitative and quantitative data from professional intelligence analysts. In Proceedings of the 2005 International Conference on Intelligence Analysis, https://analysis.mitre.org/proceedings_agenda.htm#papers (accessed 14 Sep., 2005).

Hewett, T. T. (2005). Cognitive factors in design: Overview and some implications. In Proceedings of the 5th Creativity and Cognition Conference. New York: ACM Press

Hewett, T. T. (2002). An observer's reflections: The artist considered as expert. In L. Candy & E. A. Edmonds (Eds.). *Explorations in Art and Technology* (pp. 137-144). London: Springer-Verlag.

Regli, W. C., Zaychik, V., Hewett, T. T. & Sevy, J. (2002). Issues in building and evaluating networked engineering environments. In U. Cugini & M. Wozny (Eds.). *From knowledge intensive CAD to knowledge intensive engineering* (pp. 229-235). Boston: Kluwer.

Hewett, T. T. (2000). Cognitive factors in design: Basic phenomena in human memory and problem solving. (abstract) In C. Paris, N. Ozkan, S. Howard & S. Lu (Eds.). Interfacing reality in the new millennium: OZCHI 2000 Conference Companion (p. 51). Dec. 4-8, 2000, Sydney Australia.

Hewett, T. T. & DePaul, J. L. (2000). Toward a human centered scientific problem solving environment. In E. Houstis, S. Gallopoulos, J. R. Rice & R. Bramley (Eds.). Enabling Technologies for Computational Science: Frameworks, Middleware, and Environments (pp. 79-90). Boston: Kluwer.

Bramley, R., Char, B., Gannon, D., Hewett, T. T., Johnson, C., & Rice, J. R. (2000). Workshop on scientific knowledge, information, and computing. In E. Houstis, J. R. Rice, S. Gallopoulos & R. Bramley (Eds.) Enabling Technologies for Computational Science: Frameworks, Middleware, and Environments (pp. 19-32). Boston: Kluwer.

Dabdub, D., Chandy, K. M., & Hewett, T. T. (2000). Managing specificity and generality: Tailoring general archetypal PSEs to specific users. In E. Houstis, J. R. Rice, S. Gallopoulos & R. Bramley (Eds.). Enabling Technologies for Computational Science: Frameworks, Middleware, and Environments (pp. 65-77). Boston: Kluwer.

Shneiderman, B. & Hewett, T. (2000). A Trip Report on Creativity and Cognition 1999: An Insider's Report on a Far Out Conference. SIGCHI Bulletin, 32, 1, 43-46.

Sevy, J., Zaychik, V., Hewett, T. T. & Regli, W. C. (2000). Developing and evaluating collaborative engineering studios (pp. 118-124). In Proceedings 9th International IEEE Workshop on Enabling Technologies for Collaborative Enterprises (WET ICE '00): Evaluation of Collaborative Enterprises. National Institute of Standards and Technology, Gaithersburg, MD.

Hewett, T. T. (1999). Cognitive factors in design: Basic phenomena in human memory and problem solving. In S. Brewster, A. Cawsey, G. Cockton (Eds.). Human-Computer Interaction INTERACT '99 (Vol. II) (pp. 123-124). Swindon, UK: The British Computer Society; also in M. Altom & M. G. Williams (Eds.), CHI 99 Extended Abstracts (pp. 116-117). New York: Association for Computing Machinery; in C. M. Karat & A. Lund (Eds.), CHI 98 Summary (pp. 117-118). New York: Association for Computing Machinery; in S. Pemberton (Ed.), CHI 97 Extended Abstracts (pp. 142-143). New York: Association for Computing Machinery; in S. Howard, J. Hammond & G. Lindgaard (Eds.), Human-computer interaction: INTERACT '97 (pp. 669-670). London: Chapman & Hall; in Conference Companion CHI '96 Conference on Human Factors in Computing Systems (pp. 367-368). New York: Association for Computing Machinery (also at http://www.acm.org/sigchi/chi96/proceedings/tutorial/Hewett/tth_txt.htm); in H. Hasan & C. Nicastrì (Eds.), Proceedings OZCHI '95 Conference (p. 17). Canberra, Australia: Computer Human Interaction Special Interest Group of the Ergonomics Society of Australia; and in I. Katz, R. Mack, & L. Mark (Eds.), Conference Companion CHI '95 Conference on Human Factors in Computing

Systems (pp. 353-354). New York: Association for Computing Machinery (also at http://www.acm.org/sigchi/chi95/Electronic/documents/tutors/th_bdy.htm).

Hewett, T. T. (1999). Human computer interaction and cognitive psychology in visualization education. In J. C. Teixeira, W. Hansmann, M. B. McGrath (Eds.) Proceedings of GVE '99, the EUROGRAPHICS workshop on Computer Graphics and Visualization Education (pp. 175-178). Coimbra, Portugal: Centro de Computação Gráfica.

Char, B., Hewett, T., Johnson, J., Lakshman, Y., Perline, R., Venkatesan, R., Chang, H. M., Miller, M. & Heptner, C. (1997). Symbolic computing tools in scientific problem solving environments. ACM SIGSAM Bulletin, 31(3), p. 58.

Gorny, P. & Hewett, T. T. (1997). Teaching HCI and design of interactive systems. In S. Howard, J. Hammond & G. Lindgaard (Eds.), Human-computer interaction: INTERACT '97 (pp. 701-702). London: Chapman & Hall.

DePaul, J. L. & Hewett, T. T. (1996). "Cool stuff and hot interfaces." ACM SIGCHI Bulletin, 28 (4), 76-78.

Strong, G. W., Gasen, J. B., Hewett, T. T., Hix, D., Morris, J., Muller, M. J., & Novick, D. G. (1995). New directions in human-computer interaction education, research, and practice. interactions, 2 (1), 69-81.

Gasen, J. B., Preece, J., Gorny, P., & Hewett, T. (1994). Advances in teaching the HCI design process. ACM SIGCHI Bulletin, 26 (1), 9-12.

Hewett, T. T. (1991). A low-tech approach to instructional computing. Psychology Software News (Newsletter of the Computers in Teaching Initiative Centre for Psychology), 2 (3), 77-78.

Mantei, M. M. & Hewett, T. (1991). Report on the INTERACT '90 Workshop on education in HCI: Transcending disciplinary and national boundaries. ACM SIGCHI Bulletin, 23 (2), 40-45.

Hewett, T. T. (1990). Interface design considered as failure analysis. In Proceedings of the Human Factors Society 34th Annual Meeting (pp. 325-328). Santa Monica, CA: Human Factors Society.

Hewett, T. T. (1990). The Drexel Disk: An obsolete hypertext document. (Abstract). Computer Graphics, 24 (4), 444-445.

Hewett, T. T., & Kohl, N. A. (1989). The user of natural language software. In Proceedings ISA 89, the Annual Meeting of the Instrument Society of America (pp. 1639-1646). Research Triangle Park, NC: Instrument Society of America.

Hewett, T. T. (1989). Reports on the SIGCHI Curriculum Development Group. ACM SIGCHI Bulletin, 20(4), 11-13; 21(4), 5-6; 22(1), 7-8.

Hewett, T. T. (1989). A gentle computer glossary 1.0. Philadelphia, PA: Drexel University. (An hypertext document with over 350 definitions of computer terms. Distributed nationally by Kinkos Courseware Exchange, 1989 - 1991, and by Intellimation and W. C. Brown & Co., 1991 - 1992.)

Hewett, T. T. (1988). Preliminary report on the SIGCHI Curriculum Development Group. ACM SIGCHI Bulletin, 20(2), 5-7.

Hewett, T. T. (1988). The Drexel Disk: Hypertext for information access. Human Factors Society Computer Systems Technical Group Bulletin, 15(4), 9.

Hewett, T. T. (1987). An undergraduate course in software psychology. ACM SIGCHI Bulletin, 18(3), 43-49.

Hewett, T. T. (1987). The design of an electronic guidebook. In Proceedings of the Association for Computing Machinery/National Bureau of Standards Technical Symposium on Next Generation Information Systems: Technology for the Future (pp. 147-153). Washington, DC: Washington DC Chapter of the Association for Computing Machinery.

Rhyne, J., Ehrich, R., Bennett, J., Hewett, T., Sibert, J., & Bleser, T. (1987). Tools and methodology for user interface development. Computer Graphics, 21, 78-87.

Hewett, T. T. (1986). The electronic spreadsheet as a tool in modeling and simulating neural networks. In Proceedings of the 1986 Conference on Modeling and Simulation on Microcomputers (pp. 165-169). San Diego, CA: Society for Computer Simulation.

Hewett, T. T. (1985). Drexel Disk. Cause/Effect, 8 (5), 31.

Drexel University Microcomputer Selection Committee (1983). Choosing the machine: How Drexel University selected a microcomputer for its students. Bulletin of the American Society for Information Science, 10 (2), 17-22.

Hewett, T. T. & Meadow, C. T. (1981). A study of the measurement of user performance. In J. L. Divilbiss (Ed.), Public Access to Library Automation (pp. 49-76). Urbana-Champaign, IL: University of Illinois Graduate School of Library and Information Science.

Landsberg, M. K., Lawrence, B., Lorenz, P. A., Meadow, C. T., & Hewett, T. T. (1980). A joint industrial-academic experiment: An evaluation of the IIDA system. In Proceedings of the American Society for Information Science Annual Meeting, 17, White Plains, NY: Knowledge Industry Publications.

Hewett, T. T. & Lichtman, W. M. (1978). Contact lenses: Mirror of human personality. Review of Optometry, 115, 39-41.

O'Brien, G. E., Hewett, T. T., & Hornik, J. (1972). The effects of cooperation, leadership style, and member compatibility upon small group productivity. In Proceedings of the XXth International Congress of Psychology (p. 678).

Book Reviews:

Christensen, H. L., Thompson, M. Y., Zabel, T. A., & Hewett, T. T. (1998). Working memory: A dynamic interplay of conceptualizations. (A review of Richardson, J. T. E., Engle, R. W., Hasher, L., Logie, R. H., Stoltzfus, E. R., & Zacks, R. T. (1996). Working memory and human cognition. New York: Oxford University Press.) The American Journal of Psychology, *111*, 638-642.

Moelter, S., Lamar, M., Mesholam, R., & Hewett, T. T. (1997). An applied analysis of memory: Not the same old song and dance. (A review of Rubin, D. C. (1995). Memory in oral traditions: The cognitive psychology of epic, ballads, and counting-out rhymes. Oxford: Oxford University Press.) The American Journal of Psychology, *110*, 142-146.

DePaul, J. L. & Hewett, T. T. (1996). Review of Kirby, M. A. R., Dix, A. J., & Finlay, J. E. (Eds.) (1995). People and computers X. Cambridge: Cambridge University Press. The Computer Journal, *39* (8), 729-30.

Invited Talks and Lectures:

Hewett, T. T. (2012, Oct.), Cognitive engineering can save you money or your life. Talk given to the Franklin Institute's Committee on Science and the Arts, Philadelphia, PA.

Hewett, T. T. (2012, Aug.). What you don't know about human factors can cost your money or kill somebody (maybe you.). Invited lecture as part of the Distinguished Lecture Series sponsored by the Department of Computer Science of The Instituto Tecnologico Autonomo de Mexico, Mexico City, Mexico.

Hewett, T. T. (2010, May). Cognitive aspects of project-based Civil Engineering education. Invited presentation at NASCC: The Steel Conference, Orlando, FL.

Kam, M., Hewett, T., & Abichandani, P. (2008, Aug.). Confirmation bias: What are the critics talking about. Invited presentation at the 2008 Annual Meeting of the American Society of Questioned Document Examiners., Asheville, NC.

Hewett, T. T. (2006). Invited discussant at the PhD Student Research Conference of the Australasian Cooperative Research Centre for Interaction Design (ACID), Sydney, Australia.

Hewett, T. T. (2006, Oct.) DragonForce Evaluation: Improving Response Capability for First Responders. Invited keynote talk at the IEEE Carnahan Conference on Security Technology, Lexington, KY. A version of this talk was also presented (2006, Nov.) as part of the Seminar series for the Faculty of Information Technology, the University of Technology, Sydney, Australia.

Hewett, T. T. (2006, Oct.) DragonForce Evaluation: Situation Awareness Tools and Wireless Communications for First Responders. Invited talk at Wireless Communication Tools: Enhancing Tactical Operations Through Shared Situation Awareness. Funded by the National Institute of Justice, U.S. Department of Justice, Philadelphia, PA.

Hewett, T. T. (2006, Sep) Reinforce Your Foundations: There's More to it Than You Might Think. Invited talk presented as part of the professional development lecture series sponsored by Computer Human Interaction Forum of Oregon, Eugene, OR.

Hewett, T. T. (2004, Aug.). Failure reconsidered: The importance of failure analysis for human-computer interface design. Invited talk presented at a meeting of CapCHI, the Canadian Capital Regional Chapter of the ACM SIGCHI. An earlier version of this talk was an invited lecture presented at the User Interface '99 West Conference, San Francisco, CA (Apr. 1999) and was also an invited lecture presented at the User Interface 1997 Conference in Boston, MA (1997, Nov.), at a meeting of the Austrian Computer Society, Vienna, Austria (1996, Dec.), at the Twente University of Technology, Hengelo, Holland (1995, Apr.), at the University of Padova, Padova, Italy (1995, Mar.), at Oldenburg University, Oldenburg, Germany (1994, Nov.), at the University of Technology Sydney, Sydney, Australia (1993, Dec.), and at the Swinburne University of Technology, Melbourne, Australia (1993, Nov.).

Hewett, T. T. (2004, Aug.). What you don't know about the human factors of usability can cost you... a lot! Invited talk given to the employees of Cognos, Inc., Ottawa, Canada. An earlier version of this talk was presented at the Brussels headquarters of Nahman, Inc. (2004, May) and was based on an invited lecture presented to the Franklin Institute Committee on Science and the Arts, Philadelphia, PA (Jan. 2002).

Hewett, T. T. (2004, May). Information, representation, and intelligence. Talk given to the Industrial Design Program at the Technical University of Delft, The Netherlands. This talk is a version of an invited talk first given at the 1998 Vision Plus 5 conference on information design, Schwartzenberg, Austria. This talk was also given at the Institute for Geoinformation, Technical University of Vienna, Vienna, Austria (1998, Sep.).

Hewett, T. T. (2004, Apr.) Information, representation, and intelligence: Using psychological knowledge to improve interaction. Invited lecture presented at 11th annual TransAlpine Conference of the Society for Technical Communication, Vienna, Austria. This talk was also an invited lecture presented

at the User Interface 2001 West Conference, San Francisco, CA (2001, Apr.), and at the User Interface Conference in Boston, MA (2000, Nov.)

Hewett, T. T. (2000, Dec.). Cognitive factors in design: Basic phenomena in human memory and problem solving. An invited tutorial presentation at OZCHI 2000: Interfacing reality in the new millennium, the Annual Conference of CHISIG, the Computer Human Interaction Special Interest Group of the Ergonomics Society of Australia, Sydney Australia.

Hewett, T. T. (2000, Jun.) What you don't know about cognitive psychology can kill you. An invited lecture presented at the Gordon Research Conference on Theoretical Foundations for Product Design & Manufacturing. Plymouth State College, Plymouth, NH.

Hewett, T. T. (2000, Apr.) Working with memory. Invited lecture presented at the User Interface 2000 West Conference, San Francisco, CA. This talk was also an invited lecture presented at the User Interface 2000 Conference in Boston, MA (1999, Nov.)

Hewett, T. T. (2000, Mar.) The cognitive psychology of problem solving. Invited lecture presented at the P1000 Workshop on Scientific Information Visualization, Pacific Northwest National Laboratories, Richland, WA.

Hewett, T. T. (1999, Sep.-Oct.) Education, computing and value added: A cynic's view of instructional computing. Invited lecture presented at Scope 1: information vs. meaning, Vienna, Austria.

Hewett, T. T. (1999, Jul.) Human computer interaction and cognitive psychology in visualization education. An invited talk given at the GVE '99 Workshop on Computer Graphics and Visualization Education, Coimbra, Portugal.

Hewett, T. T. (1999, Jun.) Basic phenomena in human memory and problem solving. An invited tutorial presentation at Horizons to the Future 99, the Conference of the Usability Professionals Association, Scottsdale, AZ.

Hewett, T. T. (1999, May). Designing with the mind in mind: An exploration of memory and some of the effects of "knowing," and of "not knowing." An invited three hour lecture presented at the Writer in the Workplace Conference, sponsored by the Sacramento Chapter of the Society for Technical Communication, Sacramento, CA.

Hewett, T. T. (1998, Jun., Jan.). The nature and significance of the work of Douglas Engelbart. A series of two lectures presented to the Committee on Science and The Arts, Benjamin Franklin Science Institute, Philadelphia, PA.

Hewett, T. T. (1998, Oct.). The role of common sense in design. Invited lecture presented at the User Interface '98 conference in Boston, MA.

Hewett, T. T. (1997, Mar.). Guest lectures (3 hrs.) on cognitive aspects of human-computer interaction design. Industrial Design Program, University of the Arts, Philadelphia, PA, and at the Wharton School of Business, University of Pennsylvania, Philadelphia, PA (1997, Sep.).

Hewett, T. T. (1996, Mar.). Reflections on instructional computing. Plenary address given at the Computers in Psychology Conference, CiP '96, York, UK.

Hewett, T. T. (1993, Sep.). Gem collection, common sense, and true value. Plenary address given at the Vienna Conference on Human Computer Interaction, VCHCI '93, Vienna, Austria. A modified version of this talk was subsequently given at the University of Paderborn, Paderborn, Germany (1994, Nov.), at the German National Research Center for Computer Science (GMD), Bonn, Germany (1994, Nov.), at the University of New South Wales, Sydney, Australia (1995, Dec.), and at Loughborough University of Technology, Loughborough, UK (1996, Mar.).

Hewett, T. T. (1992, Sep.). Problem solving, re-representation, and interactive computer graphics. Plenary address given at EUROGRAPHICS '92, Cambridge, UK.

Hewett, T. T. (1991, Aug.). Failure reconsidered. Plenary address given at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '91 Usability Now, Edinburgh, Scotland. This talk was subsequently given to the Delaware Valley Chapter of the Society for Technical Communication (1991, Oct.) and at the Naval Postgraduate School, Monterey, CA (1992, Jul.).

Hewett, T. T. (1989, Sep.). Instructional computing, hypertext, and universal access to computers. Given at the National Physical Laboratories, Teddington, Middlesex, UK.

Hewett, T. T. (1987, Apr.). The computer as a tool in instructional computing. Given as part of a Sloan Foundation Faculty Workshop Series on Computing conducted at Swarthmore College, Swarthmore, PA.

Hewett, T. T. (1986, Dec.). The role of iterative evaluation in designing systems for usability. Given at a meeting of the Metropolitan Chapter of the Human Factors Society, Stevens Institute of Technology, Hoboken, NJ.

Hewett, T. T. & Meadow, C. T. (1980, Apr.). Measurement of user performance. Given at the 17th Annual Clinic on Library Applications of Data Processing, University of Illinois, Urbana, IL.

Hewett, T. T. (1980, Dec.). Results and implications of the Exxon-Drexel IIDA evaluation studies. Given at the Analytic and Information Division of Exxon Research and Engineering Company, Linden, NJ.

Hewett, T. T. (1979, Dec.). A survey of contact lens wearers: Whatever happened to the other 30%? Invited address at the Annual Meetings of the American Academy of Optometry, Anaheim, CA.

Software Developed:

Hewett, T. T. (1989). The list 1.0. Philadelphia, PA: Drexel University. (The List is a Macintosh program designed to facilitate keeping and ordering of a list of things to do. Distributed nationally by Kinkos Courseware Exchange, 1989-1991, and by Intellimation and W. C. Brown & Co., 1991-1993.)

Hewett, T. T. (1989). The decision maker 1.0. Philadelphia, PA: Drexel University. (The Decision Maker is a Macintosh program designed to simplify the decision making process involved in choosing among several alternative possibilities. Distributed nationally by Kinkos Courseware Exchange, 1989-1991, and by Intellimation and W. C. Brown & Co. 1991-1993.)

Drexel University Office of Admissions & Hewett, T. T. (1988). The admissions office HyperCard presentation stack. Philadelphia, PA: Drexel University. (The Admissions stack was an electronic information kiosk for use by Admissions Counselors and Students, 1988-1989.)

Drexel University Office of Co-operative Education & Hewett, T. T. (1988). The Co-op disk 1.0. Philadelphia, PA: Drexel University. (The Co-op disk is an electronic guidebook to the co-operative education program at Drexel. This software was distributed to all Drexel students during their Freshman year.)

Hewett, T. T., Perkey, M. N., & Boardway, L. (1988). The Drexel Disk 4.0. Philadelphia, PA: Drexel University. (The Drexel Disk is an hypertext guidebook to microcomputing facilities at Drexel and to the Macintosh. Distributed to all incoming Drexel Freshmen, 1984-1988. Updates of a second generation product, the Drexel CD, were regularly distributed to students and faculty by the Information Resources and Technology group at Drexel.)

Hewett, T. T. (1987). Tips desk accessories 1.1. Philadelphia, PA: Drexel University. (The Tips Desk Accessories are a collection of Macintosh desk accessories designed to facilitate storage and retrieval of facts, tips and reminders. Distributed nationally by Kinkos Courseware Exchange, 1989-1991, and by Intellimation and W. C. Brown & Co., 1991-1993.)

Hewett, T. T. (1985). Neural circuits, neural networks and neural models. Philadelphia, PA: Drexel University. (This software consists of a set of Excel templates which simulate microelectrode recording experiments and allow exploration of simple models of neural interactions. Distributed nationally by MacLaboratory, Inc., as part of MacLaboratory for Psychology and PowerLaboratory for Psychology.)

Patents:

Co-Inventor: System for generating periodic reports generating trend analysis and intervention for monitoring daily living activity. Patent #6108685. Issued 8/22/2000.

Co-Inventor, System for generating periodic reports, generating trend analysis and intervention in accordance with trend analysis from a detection subsystem for monitoring daily living activity. Patent #5692215. Issued 11/25/1997.

Papers, Posters & Demonstrations Presented:

Aktan, A., Moon, F., Hewett, T., & Montalto, F. (2012, Mar.). The Learning Bridge. In Maldonado, F. & S. Adams (Eds.). Proceedings of the NSF Engineering Education Awardees Conference, Arlington, VA.

Edmonds, E., & T. Hewett (2010, Oct.). Thinking About Interaction. In Proceedings of the 8th Design Thinking Research Symposium (DTRS8), Sydney, Australia.

Davidovitch, L., Parush, A., Hewett, T., & Shtub, A. (2008, Jul.). Training teams in managing projects in a matrix structure. In Proceedings of the 9th Biennial ASME Conference on Engineering Systems Design and Analysis (ESDA2008), Haifa, Israel.

Hewett, T. T. (2007, Nov.) Failure Reconsidered. In M. Atwood (Chair) The Role of Failure in Design. Panel session conducted for the PHILLYCHI meeting, Philadelphia, PA.

Hewett, T. T. & Scholtz, J. (2004, Nov.) Towards a Metric for Task Difficulty. Paper presented at the Novel Intelligence from Massive Data Meeting, Orlando, Florida.

Scholtz, J., Morse, E., & Hewett, T. (2004, Mar.) In depth observational studies of professional intelligence analysts. Paper presented at HPSSA II, the second conference on Human Performance, Situation Awareness and Automation Technology, Daytona Beach, FL.

Ledakis GE, Morris T, Hewett TT (2001) Factor analytic models of the Mattis Dementia Rating Scale in dementia of the Alzheimer's type and vascular dementia patients. Archives of Clinical Neuropsychology 16(8), Pp. 707-707.

Hewett, T. T. & Mancoridis, S. (2000, Nov.). Psychological theorizing considered as reverse engineering. Paper presented at the 30th Annual Conference of the Society for Computers in Psychology, New Orleans, LA.

Sevy, J., Zaychik, V., Hewett, T. T., & Regli, W. C. (2000, Jun.). Deploying and evaluating collaborative engineering studios. Paper presented at WETICE 2000, the IEEE Ninth International Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, Jun. 14-16, 2000. National Institute of Standards and Technology, Gaithersburg, MD.

Zaychik, V., Hewett, T. T., Sevy, J. & Regli, W. C. (2000, May) Issues in building and evaluating networked engineering environments (pp. 259-265). In U. Cugini & M. Wizen (Eds.) Proceedings of the Fourth IFIP WG 5.2 Workshop on Knowledge Intensive CAD (KIC-4), May 22-24, 2000, The University of Parma, Parma, Italy.

Hewett, T. T. (1999, Oct.) Creativity and expertise: Remarks on the panel session. In E. A. Edmonds (Chair) Individual and / versus Social Creativity. Panel session conducted at the Creativity and Cognition '99, Loughborough, UK.

Candy, L., Hewett, T. T. & Edmonds, E. (1999, Aug.) Requirements for digital artists: Human expertise and technological Resources. Paper presented at the Media Centres Network Workshop, Loughborough, UK.

Char, B. W., Harrison, A., Hewett, T., Perline, R. & Rakhimov, M. (1999, Jul.). Developing the soliton explorer: A problem solving environment for soliton surface investigation. Poster presented at ISSAC '99, the International Symposium on Symbolic & Algebraic Computation, 29-30 Jul., Simon Fraser University, Vancouver, British Columbia, Canada.

Regli, W., Hewett, T., Khosla, P., Krishnan, R., Lu. S., & Khoshnevis, B. (1999, Feb.). Networked engineering. In K. Stanney (Ed.). Human-Computer Interaction Grantees Workshop, National Science Foundation, (Orlando, FL.)

Regli, W., Hewett, T., Khosla, P., Krishnan, R., Lu. S., & Khoshnevis, B. (1999, Jan). KDI: Networked engineering. In S. Settles (Ed.) Design and Manufacturing Grantees Workshop, National Science Foundation, (Long Beach, CA.)

Hewett, T. T. & Porpora, D. (1998, Nov.). Teaching students what to do after they close their statistics book. Paper presented at the 28th Annual Conference of the Society for Computers in Psychology, Dallas, TX.

Hewett, T. T. (1998, Apr.). Well, it depends.... In A. Sears & M. Williams (Chairs), Famous HCI educators tell all. Panel session conducted at the CHI '98 Conference on Human Factors in Computing Systems, Los Angeles, CA.

Hewett, T. T. & Adelson, B. (1997, Nov.). Can psychological principles be used to guide design? Paper presented at the 27th Annual Conference of the Society for Computers in Psychology, Philadelphia, PA.

Hewett, T. T. (1997, Oct.). What are the central issues? In A. Frank (Chair), Conference retrospective. Panel session conducted at the COSIT '97 Conference on Spatial Information Theory, Laurel Highlands, PA.

Hewett, T. T. (1997, Jul.). Associations and the mind. Invited presentation in B. Hetzler (Chair), Beyond word relations. Workshop conducted at the ACM SIGIR Conference on Research and Development in Information Retrieval, Philadelphia, PA.

Char, B., Hewett, T., Johnson, J., Lakshman, Y. N., Lombeyda, S., Perline, R., & Venkatesan, R. (1997, Jul.). A problem solving environment for soliton geometry. Poster presented at ISSAC '97, the International Symposium on Symbolic & Algebraic Computation, 21-23 Jul., Wilea, Maui, Hawaii, USA.

Drexel PSE Group (1997, Jul.). TechTalk: A Web-based system for mathematical collaboration. Poster presented at ISSAC '97, the International Symposium on Symbolic & Algebraic Computation, 21-23 Jul., Wilea, Maui, Hawaii, USA.

Hewett, T. T. (1997, Jul.). It's easier to learn to code than to learn to communicate with your significant other. In P. Collings (Chair), It takes a psychologist to really teach HCI to computer scientists. Panel session conducted at the INTERACT '97 International Conference on Human-Computer Interaction, Sydney, Australia.

Hewett, T. T. (1997, Mar.), There's really very little wrong with HCI education. In A. Sears & M. Williams (Chairs), None of the above: What's really essential in HCI education? Panel session conducted at the CHI 97 Conference on Human Factors in Computing Systems, Atlanta, GA.

Hewett, T. T. (1996, Mar.). Will the future be like the past? In N. Hammond (Chair), The future of computers in education. Panel session conducted at the Computers in Psychology Conference, CiP '96, York, England.

Montenegro, L. M., Giovanetti-Carew, T., & Hewett, T. T. (1996, Mar.). Is neuropsychology a science? In E. A. Zillmer (Chair), Neuropsychology in the Decade of the Brain: Research, education, & practice. Symposium conducted at the annual meetings of the Eastern Psychological Association, Philadelphia, PA.

Glascock, A. P., Chute, D. L., & Hewett, T. T. (1995, Nov.). Comprehensive community based discharge planning: The integration of high tech and high touch. In A. P. Glascock (Chair), Community based gerontology: The integration of research and practice within an interdisciplinary setting. Symposium conducted at the annual meetings of the Gerontological Society of America, Los Angeles, CA.

Hewett, T. T. (1994, Apr.). Coping with change. In G. Perlman (Chair), Is HCI education getting a passing grade from industry? Panel session conducted

at the CHI '94 Conference on Human Factors in Computing Systems, Boston, MA.

Hewett, T. T. (1993, Nov.). Evaluation and the analysis of the role of electronic documents. In D. Sless (Chair), Master clinic: The Australian Bureau of Statistics experience with Lotus Notes. Panel session at the OZCHI '93 Conference, Interfaces Working for People, Canberra, Australia.

Hewett, T. T. (1993, Sep.). A role for life-long learning. In T. Grechenig & M. Tscheligi (Chairs), Educating the HCI software engineer. Panel session conducted at the Vienna Conference on Human Computer Interaction, VCHCI '93, Vienna, Austria.

Hewett, T. T. (1992, Sep.). Steps towards maturity. In D. Diaper (Chair), Human-computer interaction: The search for solutions. Panel session conducted at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '92 People and Computers VII, York, UK.

Gordon, J. G., Menahem, M. & Hewett, T. T. (1991, Nov.). Integration of information processing and neuropsychological theories for assessment of problem solving processes in adults with posterior brain injury. Poster presented at the Keystone State Head Injury Foundation Conference, Harrisburg, PA.

Hewett, T. T. (1991, Aug.). HCI and HTI: Things change. In T. Mayes (Chair), Human-computer interaction: Past, present and future. Panel session conducted at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '91 People and Computers VI, Edinburgh, Scotland.

Hewett, T. T. (1990, Oct.). Interface design considered as failure analysis. Paper presented at the 34th Annual Meetings of the Human Factors Society, Orlando, FL.

Hewett, T. T. (1990, Apr.). Interacting with computers: An international forum for theoretical and applied work on human-computer interaction. In J. Carroll (Chair), CHI technical publications. Panel session conducted at the CHI '90 Conference on Human Factors in Computing Systems, Seattle, WA.

Hewett, T. T. (1989, Oct.). Towards a generic strategy for empirical evaluation of interactive computing systems. Paper presented at the 33rd Annual Meetings of the Human Factors Society, Denver, CO.

Hewett, T. T. (1989, Sep.). Desirable features of the electronic spreadsheet as a rapid prototyping environment for interface design. Paper presented at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '89 People and Computers: Success through Usability, Nottingham, England.

Hewett, T. T. (1989, Mar.). Organizational factors facilitating software development. In J. Spade (Chair), When does the use of computers work? A symposium on issues in software development and use. Symposium conducted at the 59th Annual Meeting of the Eastern Sociological Society, Baltimore, MD.

Hewett, T. T. & Kohl, N. A. (1989, Oct.). The user of natural language processing. In D. Woodward (Chair), Artificial intelligence natural language processing. Symposium conducted at ISA 89, the Annual Meeting of the Instrument Society of America, Philadelphia, PA.

Hewett, T. T. (1988, Nov.). Discussant's remarks on the symposium. In J. L. Cunningham (Chair), The role of failure in the design process. Technical symposium of the Metropolitan Chapter of the Human Factors Society, New York City, NY.

Hewett, T. T. (1988, Nov.). The Drexel Disk: An example of instructional software as a tool for the exploration of a constrained knowledge space. Paper presented at the Annual Meetings of the Society for Computers in Psychology, Chicago, IL.

Hewett, T. T. (1988, Oct.). The Drexel Disk: Hypertext for information access. Software demonstration presented as part of the technical program at the 32nd Annual Meetings of the Human Factors Society, Anaheim, CA. Earlier demonstrations were conducted at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '87 People and Computers III (1987, Sep.), Exeter, England; and as part of the technical program at the CHI + GI '87 Conference on Human Factors in Computing Systems and Graphic Interface (1987, Apr.), Toronto, Canada.

Hewett, T. T. (1987, Nov.). Remarks on the symposium. In N. J. Castellan (Chair), Instructional computing. Symposium conducted at the Annual Meetings of the Society for Computers in Psychology, Seattle, WA.

Hewett, T. T. (1987, Nov.). The spreadsheet as a productivity tool. Paper presented at the Annual Meetings of the Society for Computers in Psychology, Seattle, WA.

Hewett, T. T. (1987, Sept.). An electronic guidebook. Paper presented at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '87 People and Computers III, Exeter, England.

Hewett, T. T. (1987, Jun.). The computer as a tool in the classroom. Paper presented as part of a pre-conference workshop held at the National Educational Computing Conference, Philadelphia, PA.

Hewett, T. T. & Scott, S. (1987, Sep.). "Thinking-out-loud" and protocol analysis in development of a model of database searching. Paper presented at INTERACT '87, Stuttgart, Federal Republic of Germany.

Hewett, T. T. (1986, Nov.). On being a courseware architect. Paper presented as part of a courseware workshop conducted at the Annual Meetings of the Society for Computers in Psychology, New Orleans, LA.

Hewett, T. T. (1986, Nov.). The computer as tool: Students as software architects. Paper presented at the Annual Meetings of the Society for Computers in Psychology, New Orleans, LA.

Hewett, T. T. (1986, Sep.). The role of iterative evaluation in system design. Paper presented at the British Computer Society Human Computer Interaction Specialist Group Conference, HCI '86 People and Computers: Designing for Usability, York, England.

Hewett, T. T., Frederick, B. E., & Kay, J. G. (1986, Apr.). Job satisfaction in the chemical sciences. Paper presented at the Annual Meetings of the American Chemical Society, New York, NY.

Hewett, T. T. & Perkey, D. J. (1985, Nov.). Bootstrapping microcomputers at Drexel University: The role of a faculty newsletter. Paper presented at the Annual Meetings of the Society for Computers in Psychology, Boston, MA.

Hewett, T. T. (1985, Oct.). Teaching neural modeling using an electronic spreadsheet. Poster and software demonstration presented at the Mid-America Conference for Teachers of Psychology, University of Southern Indiana, Evansville, IN.

Hewett, T. T. (1985, Nov.). When every student has a computer: Courseware and its development. In T. T. Hewett (Chair), What if all my students had a computer? Symposium conducted at the Annual Meetings of the Society for Computers in Psychology, Boston, MA. (This same talk was part of the symposium when it was repeated at Franklin and Marshall College, Lancaster, PA.)

Hewett, T. T. (1984, Nov.). Teaching students how to model neural circuits using an electronic spreadsheet simulator. Paper presented at the Annual Meetings of the Society for Computers in Psychology, San Antonio, TX.

Baker, H. S., Reissman, J. F., & Hewett, T. T. (1980, May). Successful group therapy for failure in college. Paper presented at the Annual Meetings of the American Psychiatric Association, San Francisco, CA.

Reissman, J. F., Hewett, T. T., & Baker, H. S. (1978, Mar.). Emotional education classes: An effective technique to improve academic performance. Paper presented at the Annual Meetings of the American College Health Association and Society for Adolescent Medicine, New Orleans, LA.

Colloquia, Seminars, Special Sessions, Symposia, Tutorials & Workshops:

Hewett, T. T. (2012, Aug.) Designing with the Human Memory in Mind. Conducted at the Instituto Tecnológico Autónomo de México (ITAM) professional development course, Mexico City, Mexico, sponsored by the Department of Computer Science. An earlier version of this tutorial was conducted as part one day tutorial conducted as part of the 2011 Creativity and Cognition Conference, Atlanta, GA, and as part of the 2006 OZCHI Conference on Human Computer Interaction, Sydney, Australia.

Hewett, T. T. (2010, Sep.) Invited participant and discussant. In the NSF/NEA Workshop on Re/Search: Art, Science, and Information, Washington, DC.

Hewett, T. T. (2009, Sep.) Improving response capabilities for Emergency First Responders. Colloquium talk given at Washington College, Chestertown, MD.

Hewett, T. T., (2008, Apr.). Cognitive factors in design: Basic phenomena in human memory and problem solving a full day tutorial conducted at the CHI 2008 Conference on Human Factors in Computing Systems, Florence, Italy. A version of this tutorial was also conducted at the 5th Creativity and Cognition, London, England; for the Cybercartography Research Group at Carleton University, Ottawa, Canada, Sep. 2004; at the CHI 2004 Conference on Human Factors in Computing Systems, Vienna, Austria; at the University of Tampere, Tampere, Finland for faculty, students, and industry partner participants; at the OZCHI 2003 Conference in Brisbane, Australia; a two day professional development workshop hosted by the Interaction Design Group, Department of Information Systems, The University of Melbourne, Melbourne, Australia; the CHI 2003 Conference on Human Factors in Computing Systems, Fort Lauderdale, FL; the CHI 2002 Conference on Human Factors in Computing Systems, Minneapolis, MN, the CHI 2001 Conference on Human Factors in Computing Systems, Seattle, WA, the CHI 2000 Conference on Human Factors in Computing Systems, The Hague, The Netherlands (2000 Apr.); at the Battelle Pacific Northwest National Laboratories (2000, Mar.); at the Creativity and Cognition 99 Conference, Loughborough, England (1999, Oct.); at the INTERACT '99 Conference, Edinburgh, Scotland; at the COSIT '99 Conference on Spatial Information Theory, Stade, Germany (1999, Aug.); the CHI '99 Conference on Human Factors in Computing Systems, Pittsburgh, PA; the CHI '98 Conference on Human Factors in Computing Systems, Los Angeles, CA (1998, Apr.); the COSIT '97 Conference on Spatial Information Theory, Laurel Highlands, PA (1997, Oct.); the INTERACT '97 Conference, Sydney, Australia (1997, Jul.); the CHI '97 Conference on Human Factors in Computing Systems, Atlanta, GA (1997, Mar.); the NUCHI local Chapter of the ACM (SIGCHI), Salt Lake City, Utah (1996, Nov.); the User Interface Conference, UI '96, Boston, MA (1996, Oct.); the CHI '96 Conference on Human Factors in Computing Systems, Vancouver, BC, Canada, (one of the most heavily attended tutorials offered; 1996, May); the OZCHI '95 Conference in Wollongong, Australia (1995, Nov.); the CHI '95 Conference on Human Factors in Computing Systems in Denver, CO, (the top

rated tutorial out of 29 offered; 1995, May); the OZCHI '93 Conference in Canberra, Australia (1993, Nov.); the Loughborough University of Technology for the UK Chapter of the EUROGRAPHICS association (1993, Jun.); the EUROGRAPHICS '92 Conference (1992, Sep.); Cambridge, England and conducted twice as part of the pre-conference activities for the HCI '92 People and Computers Conference (1992, Sep.), York, England. Earlier versions of the tutorial were presented at the HCI '91 People and Computers Conference (1991, Aug.), Edinburgh, Scotland; the HCI '89 People and Computers Conference (1989, Sep.), Nottingham, England; the HCI '87 People and Computers Conference (1987, Sep.), Exeter, England; and the CHI + GI '87 Conference on Human Factors in Computing Systems and Graphic Interface (1987, Apr.), Toronto, Canada.

Atwood, M. A. & Hewett, T. T. (2008, Apr.). A practical approach to interactive system design. A one day tutorial conducted as part of the CHI 2008 Conference on Human Factors in Computing Systems, Florence, Italy; a version of this tutorial was also conducted at the 11th Human Computer Interaction International Conference, Las Vegas, Nevada (2005), and at the CHI 2005 Conference on Human Factors in Computing Systems, Portland, Oregon.

Hewett, T. T. (2006, Nov.) Invited participant and discussant. In the NSF Workshop on Synergies Between Creativity and Information Technology, Science, Engineering and Design: Defining a Research Emphasis for Creative IT., Washington, DC.

Hewett, T. T. (2006, Nov.) Invited participant and presenter, "DragonForce Evaluation: A System for Distributed Wireless and Visual Communications in Support of the Activities of a Police Force Emergency Response Team," at the OZCHI 2006 Workshop on Supporting Awareness in Intense Distributed Collaboration, Sydney, Australia.

Hewett, T. T. (2006, Sep.). Designing with the mind in mind. A full-day tutorial conducted as part of the professional development series sponsored by the Computer Human Interaction Forum of Oregon, Eugene, OR. A half day version was presented at the 2005 International Conference on Intelligence Analysis, McLean, VA. A full day versions of this tutorial was conducted for employees of Cognos, Inc., Ottawa Canada, Aug., 2004; for the User Interface Conference, UI 2001 West, San Francisco, CA; for the User Interface Conference, UI 2001, Boston, MA (2000, Nov.), for the User Interface West Conference, UI 2000 West, San Francisco, CA (2000, Apr.), for the User Interface Conference, UI 2000, Boston, MA (1999, Nov.), for the User Interface West Conference, UI West '99 (1999, Apr.), San Francisco, CA, for the BayCHI Chapter of the ACM SIGCHI (1998, Nov.), San Francisco, CA, for the User Interface Conference, UI '98, Boston, MA (1998, Oct.), and for the User Interface Conference, UI '97, Boston, MA (1997, Nov.).

Hewett, T. T. & Czerwinski, M. (2005, Jun.) Invited participant and co-presenter, "Psychological studies of creativity: Conceptual issues, methodological issues, and some implications for requirements analysis,

evaluation and design," at the NSF Funded Workshop on Creativity Support Tools, Washington D.C.

Atwood, M. A. & Hewett, T. T. (2004, Apr.). A cognitive perspective on design. A one day tutorial conducted as part of the CHI 2004 Conference on Human Factors in Computing Systems, Vienna, Austria; A version of this tutorial was also conducted at the University of Tampere, Tampere, Finland for faculty, students, and industry partner participants; as part of the CHI 2003 Conference on Human Factors in Computing Systems, Fort Lauderdale, FL; as part of the CHI 2002 Conference on Human Factors in Computing systems, Minneapolis, MN.

Invited Participant and Meeting Facilitator (2001, Sep.), Workshop on Teaching of Product and System Design, Department of Product and System Design, University of the Aegean, Syros, Greece.

Invited Participant and Meeting Facilitator (2000, Sep.), Workshop on Curriculum Design, Department of Product and System Design, University of the Aegean, Syros, Greece.

Invited Participant (2000, Mar.), Battelle Pacific Northwest National Laboratories by-invitation only Workshop on Applying Cognitive Science in the Development of Advanced Visualization Techniques.

Invited Participant (1999, Jul.), GVE '99, a by-invitation-only EUROGRAPHICS workshop on Computer Graphics and Visualization Education (Co-sponsored by ACM SIGGRAPH), Coimbra, Portugal.

Invited Participant (1998-1999), Workshop and associated pre- and post-workshop preparation of report for creation of a curriculum for a new degree program: GeoInformation Engineer--Dipl. Ing. (Fachhochschule) GeoInformation, Villach, Carinthia, Austria.

Regli, W. C. & Hewett, T. T. (1999, May). HCI Issues in collaborative and networked engineering design. Position paper for the Association for the workshop, HCI in Domains, held at Computing Machinery Special Interest Group on Computer Human Interaction Conference: Human Factors in Computing systems. CHI 99, Pittsburgh, PA.

Invited Participant (1998, Dec.), SideKic '98, A by-invitation-only NSF sponsored workshop on scientific problem solving environments organized by R. Bramley, B. Char, & J. Reynders. Santa Fe, NM.

Hewett, T. T. (1998, Oct.). TechTalk and virtual office hours. Colloquium talk given to the College of Information Science and Technology faculty research meeting, Drexel University, Philadelphia, PA.

Hewett, T. T. (1998, Oct.). Analogical reasoning. Colloquium talk given to the College of Information Science and Technology faculty research meeting, Drexel University, Philadelphia, PA.

Invited participant (1998, Apr.), "Learner Centered Design," a workshop organized by S. Hsi and E. Soloway in association with the CHI '98 Conference on Human Factors in Computing Systems, Los Angeles, CA.

Hewett, T. T. (1997, Oct.). Evaluating effectiveness in instructional technology programs. Syllabus Press Regional Workshop Seminar conducted twice at Drexel University, Philadelphia, PA. This day long seminar was also conducted twice at a Syllabus Press Regional Workshop held at Southern Methodist University, Dallas, TX (1997, Apr.).

Invited participant (1997, May), "Visualization education," a workshop organized by G. Domik and sponsored by the ACM SIGGRAPH Education Committee and the Colorado School of Mines, Golden, CO.

Hewett, T. T. (1997, Aug.). Cognitive phenomena in software design: Enhancing user performance by taking advantage of human capabilities. System Concepts Ltd. Master class conducted at the University of West England, Bristol, England. (More information can be found at <http://www.system-concepts.com/masterclass/hewett.html>.) This class was also conducted as a Seminar for the Austrian Computer Society, Vienna, Austria (1996, Dec.).

Gorny, P., Tscheligi, M., Hewett, T. T., Tauber, M., & vd Veer, G. (1997, May) Teaching the design of interactive systems. An IFIP WIG 13.1 Workshop conducted in Shaerding, Austria.

Strong, G. W., Block, E. B., Gasen, J. G., Hewett, T. T., Hix, D., Muller, M. J., & Morris, J. (1994, Feb.). New directions in HCI education and research. An NSF-ARPA sponsored workshop conducted in Washington, D.C.

Preece, J. J., Gorny, P., Gasen, J. B., & Hewett, T. T. (1993, Apr.). Advances in teaching the HCI design process. A workshop conducted as part of the pre-conference activities for INTERCHI '93, Amsterdam, Netherlands.

Invited Participant (1991, Jul.), Workshop on "Success Cases in Human-Computer Interaction." Sponsored by NASA and the University of Colorado Institute for Cognitive Science.

Hewett, T. T. (1990, Aug.). Education in HCI: Transcending disciplinary and national boundaries. A workshop organized and chaired as part of the technical program for INTERACT '90, The Third IFIP Conference on Human-Computer Interaction, Cambridge, UK.

Hewett, T. T. (1990, Apr.). Goals & issues in developing a curriculum for the study of human-computer interaction II. A Special Interest Group (SIG) session organized and chaired as part of the technical program for the CHI '90

Conference on Human Factors in Computing Systems, Seattle, WA. An earlier SIG session on the same topic was chaired and organized as part of the technical program for the CHI '89 Conference on Human Factors in Computing Systems (1989, May), Austin, TX.

Hewett, T. T. (1988, Jan.). Instructional computing: Psychological perspectives. Colloquium talk given at York University, York, England.

Chute, D. L., Perkey, M. N., & Hewett, T. T. (1986, Nov.). Tools for learning. A courseware workshop conducted twice at the Annual Meetings of the Society for Computers in Psychology, New Orleans, LA.

Hewett, T. T. (1985, Nov.). What if all my students had a personal computer? A symposium organized for the Annual Meetings of the Society for Computers in Psychology, Boston, MA. (This same symposium was repeated at Franklin and Marshall College, Lancaster, PA.)

Hewett, T. T. (1984, Nov.). Development of the Drexel Disk. Talk given at a Drexel University Software Developers' Session, Philadelphia, PA.

Hewett, T. T. (1984, Mar.). What if all my students had a computer? Colloquium talk given as part of the St. Joseph's University Computer Colloquium Series, Philadelphia, PA.

Hewett, T. T. (1983, Jan.). Microcomputers and artificial intelligence. Talk and demonstration given at a Drexel University Board of Trustees Seminar, Philadelphia, PA.

Tutorial Notes, Software Documentation & Reports Written:

Hewett, T. T. (2012). Designing with the human memory in mind. Tutorial notes for the Instituto Tecnológico Autónomo de México (ITAM) professional development course, Mexico City, Mexico, sponsored by the Department of Computer Science (Disseminated by the ITAM Department of Computer Science). An earlier version of the notes was prepared for the 2011 Creativity and Cognition Conference, Atlanta, GA (Disseminated by ACM SIGCHI); and the OZCHI 2006 Conference on Human-Computer Interaction, Sydney, Australia.

Cannon, C. T., Pellegrino, D. A., Hewett, T. T. & W. C. Regli (2011, May). Human-Centered Network Visualizer (NetViz): An ACIN Center Whitepaper on Network Operations (NETOPS) Visual Metaphors. A report prepared as part of fulfillment of DoD Contract #DAAB07-01-9-L504 to the Center for Applied Communications and Networking (ACIN).

Kam, M., Abichandani, P., & Hewett, T. (2011, Mar). Proficiency Testing of Forensic Document Examiners. A report prepared for the Technical Support Working Group (TSWG) as part of fulfillment of Task T-2843 by the Data Fusion

Laboratory, Department of Electrical and Computer Engineering, Drexel University.

Hewett, T. T. (2008). Cognitive factors in design: Basic phenomena in human memory and problem solving. Tutorial notes for the CHI 2008 Conference on Human Factors in Computing Systems, Florence, Italy (Disseminated by ACM SIGCHI). A version of these notes was prepared for the for the 5th Creativity and Cognition Conference, London, England (Disseminated by ACM SIGCHI); CHI 2003 Conference on Human Factors in Computing Systems, Fort Lauderdale, FL (Disseminated by ACM SIGCHI); CHI 2002 Conference on Human Factors in Computing Systems, Minneapolis, MN (Disseminated by ACM SIGCHI); for the CHI 2001 Conference on Human Factors in Computing Systems, Seattle, WA (Disseminated by ACM SIGCHI; for the OZCHI 2000 Conference on Interfacing Reality in the New Millennium, Sydney, Australia (Disseminated by the Computer Human Interaction Group of the Ergonomics Society of Australia); for the CHI 2000 Conference on Human Factors in Computing Systems, The Hague, The Netherlands (Disseminated by ACM SIGCHI); for the Information Sciences and Engineering Research Group, Battelle Pacific Northwest Laboratories, Richland, WA (2000). (Disseminated internally only); for the Creativity and Cognition '99 Conference, Loughborough, England (Disseminated by Creativity and Cognition Conference); for the INTERACT '99 Conference, Edinburgh, Scotland (Disseminated by IFIP TC13); for the COSIT '99 Conference on Spatial Information Theory, Stade, Germany (Disseminated by COSIT 1999); for Horizons to the Future 99, the Conference of the Usability Professionals Association, Scottsdale, AZ (Disseminated by the Usability Professionals Association.); for the CHI '99 Conference on Human Factors in Computing Systems, Pittsburgh, PA (Disseminated by ACM SIGCHI.); for the CHI '98 Conference on Human Factors in Computing Systems, Los Angeles, CA (Disseminated by ACM SIGCHI); for the COSIT '97 Conference on Spatial Information Theory, Laurel Highlands, PA (Disseminated by COSIT 97). A version of these notes was prepared for the INTERACT '97 Conference, Sydney, Australia (Disseminated by IFIP TC13). A version of these notes was prepared for the CHI '97 Conference on Human Factors in Computing Systems, Atlanta, GA (Disseminated by ACM SIGCHI). A version of these notes was prepared for a NUCHI tutorial, Salt Lake City, UT (1996). (Disseminated by NUCHI Chapter of the ACM). A version of these notes was prepared for the User Interface Conference, UI '96 Boston, MA. (Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the CHI '96 Conference on Human Factors in Computing Systems, Vancouver, BC, Canada (Disseminated by ACM SIGCHI). A version of these notes was prepared for the OZCHI '95 Conference, Wollongong, Australia (Disseminated by CHISIG of the Ergonomics Society of Australia). A version of these notes was prepared for the CHI '95 Conference on Human Factors in Computing Systems, Denver, CO (Disseminated by ACM SIGCHI). A version of these notes was prepared for the OZCHI '93 Conference, Canberra, Australia (Disseminated by CHISIG of the Ergonomics Society of Australia).

Atwood, M. A. & Hewett, T. T. (2008). A practical approach to design. Tutorial notes for the CHI 2008 Conference on Human Factors in Computing Systems, Florence, Italy.

Jameson, N., Lasher, K. L., & Hewett, T. T. (2006, Dec.). Wireless Communication Tools: A Conference Evaluation. Prepared for Drakontas, LLC, The Atlantic County Department of Public Safety, and the U.S. National Institute of Justice.

Lasher, K. L., Hodges, H. & Hewett, T. T. (2006, Sep.). DRAGONFORCE Evaluation: Situation Awareness Tools and Wireless Communication for First Responders. Prepared for Drakontas, LLC, The Atlantic County Department of Public Safety, and the U.S. National Institute of Justice.

Shneiderman, B., Fischer, G., Czerwinski, M. Resnick, M., Myers, B., Candy, L., Edmonds, E., Eisenberg, M., Giaccardi, E., Hewett, T., Jennings, P., Kules, W., Nakakoji, K., Nunamaker, J., Pausch, R., Selker, T., Sylvan, E., Terry, M. (2006). Creativity Support Tools: A workshop sponsored by the National Science Foundation, June 13-14, Washington DC. www.cs.umd.edu—CST (accessed 8 January, 2006)

Theil, J., Hodges, H., Hewett, T.T, Regli, W.C., Kam, M. (2006, May). Dynamic Manager Integrating OTM Networks: A Study of Network Management Configuration for Missions. A report prepared as part of fulfillment of DoD Contract #DAAB07-01-9-L504 to the Center for Applied Communications and Information Networking (ACIN).

Atwood, M. A. & Hewett, T. T. (2003). A cognitive perspective on design. Tutorial notes for the CHI 2004 Conference on Human Factors in Computing Systems, Vienna, Austria. A version of these notes was prepared for the CHI 2003 Conference on Human Factors in Computing Systems, Fort Lauderdale, FL. A version of these notes was prepared for the CHI 2002 Conference on Human Factors in Computing Systems, Minneapolis, MN (Disseminated by ACM SIGCHI).

Littlefield, L. M., Giovannetti, T., & Hewett T. T. (2001). Is neuropsychology a science? In M. Lamar & C. Price (Eds.) Instructor's manual for E. A. Zillmer & M. L. Spiers, Principles of neuropsychology. Belmont, CA: Wadsworth.

Hewett, T. T. (2001). Report #3827 Investigating the work of Marvin L. Minsky for the Committee on Science and the Arts of the Franklin Institute, Philadelphia, PA.

Hewett, T. T. (2001) Designing with the mind in mind. Tutorial notes for the User Interface Conference, UI 2001 West, San Francisco, CA (Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the User Interface Conference, UI 2001, Boston, MA (2001). (Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the User Interface Conference, UI 2000 West, San Francisco, CA (2000).

(Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the User Interface Conference, UI 2000, Boston, MA (1999)
(Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the UI '99 West, San Francisco, CA (1999) (Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the BayCHI Tutorial series, San Francisco, CA (1998). (Disseminated by BayCHI Chapter of the ACM SIGCHI). A version of these notes was prepared for the User Interface Conference, UI '98, Boston, MA (1998). (Disseminated by User Interface Engineering, Inc.). A version of these notes was prepared for the User Interface Conference, UI '97, Boston, MA (1997). (Disseminated by User Interface Engineering, Inc.).

Denton, D., Bace, R. G., Dekambre, L. M., Hewett, T. T., Hix, D., Kasik, D. J., Marchionini, G. & Sullivan, E. C. (2000). PNNL Energy Technology Division Review Committee Report, submitted to the Associate Director, Energy Division, Pacific Northwest National Laboratory, Richland, WA, June, 2000.

Candy, L., Hewett, T. T. & Edmonds, E. A. (1999). Requirements for digital artists: Human expertise and technological resources. LUTCHI Creativity & Cognition Research Studios Internal Report, Department of Computer Science and College of Art and Design, Loughborough University, Loughborough, UK.

Hewett, T. T. (1999). Report #3808 Investigating the work of Douglas Engelbart for the Committee on Science and the Arts of the Franklin Institute, Philadelphia, PA.

Regli, W. C. & Hewett, T. T. (1999). HCI issues in collaborative and networked engineering design. A position paper for the CHI 99 Workshop, HCI in Domains: Common Ground and Key Differences, Organized by G. Boy, D. Novick & C. Wharton for the CHI 99 Conference on Human Factors in Computing Systems, Pittsburgh, PA.

Hewett, T. T. (1997). Contributed two chapters to Domik, G. (Ed.) (1997). ACM SIGGRAPH Curriculum for Visualization. ACM SIGGRAPH Education Subcommittee on Education for Visualization. http://www.uni-paderborn.de/cs/vis/curriculum/fs_curriculum.html

Hewett, T. T. (1997). Cognitive phenomena in software design: Enhancing user performance by taking advantage of human capabilities. Tutorial notes for System Concepts Master class, Bristol, England. (Disseminated by System Concepts, Ltd.). A version of these notes was prepared for the Austrian Computer Society Seminar, Vienna, Austria (1996). (Disseminated by the Austrian Computer Society).

Strong, G. W., Gasen, J. B., Hewett, T. T., Hix, D., Morris, J., Muller, M. J., & Novick, D. (1994). New directions in Human-Computer Interaction education, research, and practice. Report of an NSF-ARPA sponsored workshop. (Disseminated by the National Science Foundation).

Hewett, T. T. (1992). Basic phenomena in human memory and problem solving. Tutorial notes for the EUROGRAPHICS '92 Conference, Cambridge England. (Disseminated by EUROGRAPHICS). A version of these notes was prepared for the HCI '92 People and Computers conference, York, England (1992). (Disseminated by BCS/HCI SG). A version of these notes was prepared for the HCI '91 People and Computers conference, Edinburgh, Scotland. (Disseminated by BCS/HCI SG). A version of these notes was prepared for the HCI '89 People and Computers conference, Nottingham, England. (Disseminated by BCS/HCI SG). A version of these notes was prepared for the CHI + GI '87 Conference on Human Factors in Computing Systems and Graphic Interface, Toronto, Canada (1987). (Disseminated by ACM SIGCHI and CIPS/CMCCS).

Hewett, T. T. (1991). The decision maker. User documentation disseminated by Intellimation and by W. C. Brown & Co (1991-1993). An earlier version was disseminated by Kinkos Courseware Exchange (1989-1991).

Hewett, T. T. (1991). The list. User documentation disseminated by Intellimation and by W. C. Brown & Co (1991-1993). An earlier version was disseminated by Kinkos Courseware Exchange (1989-1991).

Hewett, T. T. (1991). Tips desk accessories. User documentation disseminated by Intellimation and by W. C. Brown & Co (1991-1993). An earlier version was disseminated by Kinkos Courseware Exchange (1989-1991).

Hewett, T. T. (1988). Iterative evaluation and user interface consistency. Invited contribution for the ACM SIGCHI Workshop on Coordinating User Interfaces for Consistency, 15-16 May, Washington, DC.

Chute, D. L., Golden, C. J., & Hewett, T. T. (1988). Performance measurement system project report. Benjamin Franklin Partnership and Center for Advanced Technology, Philadelphia, PA.

Hewett, T. T. (1987). Basic psychological phenomena in human-computer interaction design. Tutorial notes for the HCI '87 People and Computers conference, Exeter, England. (Disseminated by BCS/HCI SG).

Hewett, T. T. (1987). "Landmarks" and the "Where am I?" problem. Invited contribution to the ACM/IEEE Computer Society Hypertext '87 Workshop and Conference, 13-15 November, Chapel Hill, NC.

Hewett, T. T. (1986). Machine-tools, users, and evaluation. Invited contribution for the ACM SIGGRAPH Workshop on Software Tools for User Interface Development, 17-19 November, Seattle, WA.

Meadow, C. T., Hewett, T. T., & Aversa, E. S. (1980). Individualized instruction for data access (IIDA): Final Report. Philadelphia, PA: Drexel University School of Library and Information Science and Franklin Institute Research Center.

Hewett, T. T. (1979). Individualized instruction for data access (IIDA): Quarterly report No. 8. Philadelphia, PA: Drexel University School of Library and Information Science and Franklin Institute Research Center.

Hewett, T. T. (1978). Individualized instruction for data access (IIDA): Quarterly report Nos. 3 & 7. Philadelphia, PA: Drexel University School of Library and Information Science and Franklin Institute Research Center.

Meadow, C. T., Fenichel, C. H., & Hewett, T. T. (1978). Individualized instruction for data access (IIDA): Quarterly report No. 2. Philadelphia, PA: Drexel University School of Library and Information Science and Franklin Institute Research Center.

Hewett, T. T. & Lichtman, W. M. (1977). Wearing contact lenses: A survey of the attitudes, perceptions and experiences of hard contact lens wearers and soft contact lens wearers. Rochester, NY: Soflens Division, Bausch & Lomb. (Results proprietary, dissemination restricted.)

Meadow, C. T., Hewett, T. T., Rafsnider, D. J., Toliver, D. E., Epstein, B., Edelman, J. V., & Maher, A. (1977). Individualized instruction for data access. Philadelphia, PA: Graduate School of Library Science, Drexel University.

Hewett, T. T. (1976). Procedures for measuring relative strengths of various motivational factors influencing a patient's choice of vision correction devices, and for developing a categorization of different types of potential contact lens wearers. Rochester, NY: Soflens Division, Bausch & Lomb. (Results proprietary, dissemination restricted.)

Hewett, T. T. (1976). Sensitivity to hard and soft contact lenses. Rochester, NY: Soflens Division, Bausch & Lomb. (Results proprietary, dissemination restricted.)

Hewett, T. T. (1976). The quality of life: Prediction of success or failure with contact lenses, and evaluation of the effects of contact lenses upon the wearer, with an emphasis upon differences between hard and soft lenses. Rochester, NY: Soflens Division, Bausch & Lomb. (Results proprietary, dissemination restricted.)

Hewett, T. T. (1976). Training and management of pre-teenage contact lens patients. Rochester, NY: Soflens Division, Bausch & Lomb. (Results proprietary, dissemination restricted.)

Hewett, T. T. (1975). Psychological factors in vision correction: Quarterly reports Nos. 1, 2, & 3. Rochester, NY: Soflens Division, Bausch & Lomb. (Results proprietary, dissemination restricted.)

Hewett, T. T. (1974). The role of presuppositions in creating and understanding sentences. Unpublished doctoral dissertation, University of Illinois, Urbana-Champaign, IL. (Supervisor: Dr. Charles E. Osgood)

Hewett, T. T. & O'Brien, G. E. (1971). The effects of work organization, leadership style and member compatibility upon small group productivity. (ONR Technical Report 71-22). Seattle, WA: University of Washington, Organizational Research Group.

O'Brien, G. E., Fiedler, F. E., & Hewett, T. T. (1969). The effects of programmed culture training upon the performance of volunteer medical teams in Central America. (ONR Technical Report No. 76 (69-5)). Urbana, IL: University of Illinois, Group Effectiveness Research Laboratory.

O'Brien, G. E., Fiedler, F. E., & Hewett, T. T. (1969). The effects of programmed culture training upon the performance of volunteer medical teams in Central America. (ONR Technical Report No. 70). Seattle, WA: University of Washington, Organizational Research Group.

Journal, Edited Volume, and Conference Program Reviews:

DOE Review Panel (May, 2014), ASCR, DOE
NSF Review Panel (Jan 2010), Creative IT, CISE, NSF
Member, International Program Committees for: ENGAGE: Interaction, Art and Audience Experience, 2006. The Creativity and Cognition Symposium on "Interaction: Systems, Practice and Theory." 2004; The 6th International Roundtable Conference on Computational and Cognitive Models of Creative Design 2004; Design Thinking Research Symposium #6: Expertise in Design 2003; Creativity and Cognition '02; the Fifth International Conference on Computational and Cognitive Models for Creative Design, 2001; Creativity and Cognition '99; INTERACT '99, The seventh IFIP Conference on Human-Computer Interaction, 1999; INTERACT '97, The sixth IFIP Conference on Human-Computer Interaction, 1997; INTERACT '95, The fifth IFIP Conference on Human-Computer Interaction, 1995; The EUROGRAPHICS '93 Conference, 1993; The Vienna Conference on Human Computer Interaction, 1993; INTERACT '90, The third IFIP Conference on Human-Computer Interaction, 1990.
Knowledge Based Systems, 2005
International Journal of Human Computer Studies, 2005.
Spatial Cognition and Computation, 2001
International Journal of Human Computer Interaction, 2000
CHI '99 Conference on Human Factors in Computing Systems Papers Program Review, 1999. (Also CHI '96 and CHI '97).
Member, Social Action Posters and Workshop Review Committee, CHI '97 Conference on Human Factors in Computing Systems.
Member, Tutorials Committee, CHI '97 Conference on Human Factors in Computing Systems. (Also CHI '96, CHI '92, CHI '91 and CHI '90).

Founding Member, Human Sciences Special Editorial Board, Interacting with Computers, 1987 - 1995.
HCI '95 People and Computers Conference Program Review, 1995.
Papers Reviewer for G. Perlman, G. K. Green, & M. Wolgalter (Eds.). (1995). Human Factors Perspectives on Human-Computer Interaction. Santa Monica, CA: Human Factors and Ergonomics Society.
IEEE Computer, 1994, 1989.
IEEE Transactions on Systems, Man and Cybernetics, 1993, 1992.
American Society for Information Science Annual Meeting Program Review, 1990.
Behavior Research Methods, Instruments & Computers, 1990, 1989, 1986.
Human Factors and Ergonomics Society Annual Meeting Program Review, 1990, 1989.
Society for Computers in Psychology Program Review Committee, 1990, 1986.
Member, Conference Technical Paper Committee, CHI '90 Conference on Human Factors in Computing Systems, 1989.
Interacting with Computers, 1989.
International Journal of Clinical Neuropsychology, 1989.
Collegiate Microcomputer, 1982 - 1987.
Journal of the American Society for Information Science, 1982 - 1983, 1978 - 1980.

Research Reviews:

International Assessor, Australian Research Council, 2009-2014
Reviewer, Austrian Science Fund, The Austrian National Research Network Program, Wien, Austria, 2010
Member, Creative IT Proposal Panel. The National Science Foundation (NSF), Computer, Information Science and Engineering Directorate, 2010
International Assessor, Australian Research Council, 2004-2005.
Member, SBIR IT Proposal Panel, The National Science Foundation (NSF) Small Business Innovation Research Program (SBIR) Information-based Technologies Program, 2004
International Assessor, Australian Research Council, 2002-2003
Member, Interactive Systems Program Advisory Panels, Division of Information, Robotics, and Intelligent Systems, National Science Foundation, 1999, 1995.
Thomas Jefferson University--Drexel University Biomedical Engineering Seed Grant Awards, 1998-1999
Member, Site Visit Team, Academic Research Infrastructure Program, Office of Cross Disciplinary Activities, National Science Foundation, 1993.
Benjamin Franklin Advanced Technology Center of Southeastern Pennsylvania, 1989-1990.

Bioengineering and Research to Aid the Handicapped Program, Division of Fundamental Research for Emerging and Critical Engineering Systems, National Science Foundation, 1985-1986.
Faculty and Software Development Proposals, funded by a Pew Memorial Trust grant to Drexel University, 1983-1984.

Software & Software Proposal Reviews:

McGraw-Hill, 1994, 1987, 1986, 1984, 1984, 1983.

Textbook, Book & Book Proposal Reviews:

Academic Press, 2000, 1999; Brooks/Cole, 1995; Taylor & Francis, 1994; Addison-Wesley, 1991; John Wiley & Sons, Ltd., 1991, 1990, 1989, 1988; Butterworth's Scientific, Ltd., 1989, 1988; Holt, Rinehart & Winston, 1984, 1981; Wm. C. Brown, 1983; D. C. Heath, 1980; Prentice-Hall, 1979

Consulting:

Pennoni Associates, Senior Engineer I, Intelligent Infrastructure Systems, Cognitive Engineer, 1 Apr., 2013 to Present.
Drakontas, LLC, 1 Sep., 2010 to 31 Mar., 2011.
NIST, NIMD Evaluation Group, 1 Sep., 2004 to 30 Apr., 2006.
LLNL, Conflict Simulation Laboratory and the Counter Proliferation Analysis Group. Aug. 2005. (4 days of tailored training)
NIST, NIMD Evaluation Group, 1 Aug, 2004 to 31 July, 2004.
CHI Systems, Inc., 1 Jun., 2003 to 31 Aug, 2004.
Department of Computer Science Human Computer Interaction Course Module Audit Committee (Ernest Edmonds, Chair), Loughborough University, Loughborough, England, UK, Jun. & Sep. 2001.
SmithKline Beecham (Mike Bertram, Project Manager), King of Prussia, PA, Nov-Dec., 1999.
Merrill Lynch (Pat Billingsley, Project Director), Princeton, NJ, May, 1998.
Guest Lecturer on Cognitive Factors in Interaction Design, PAO post-academic course sponsored by the Technical University of Delft, The Free University of Amsterdam, The University of Utrecht, Philips, and BSO/IT Barn BV, Utrecht, Holland, Apr., 1995.
User Interface Engineering (Jared Spool, Founding Principal), Boston, MA, Dec., 1994.
Loughborough University of Technology Information Technology Policy Implementation Committee (Ernest Edmonds, Chair), Loughborough, Leicestershire, UK, Jun., 1993.
Commonwealth of Pennsylvania Head Injury Program (Hal Monitor, Director), Harrisburg, PA, 1989 - 1990.

National Physical Laboratory, Division of Information Technology and Computing (Dianne Murray, Project Director), Teddington, Middlesex, England, Aug., 1989.
Bausch & Lomb, Soflens Division (Norman Salic, Marketing Research Manager), Rochester, NY, 1977.

UNIVERSITY, COLLEGE AND DEPARTMENT SERVICE

Member, Drexel University Graduate Student Excellence Committee, 2009-present.
Member, Drexel University Human Performance Committee, 2007-present.
Member, Honors College Faculty Advisory Committee, 2002 - present.
Member, Department of Computer Science Promotion Review Committee for Dr. Dario Salvucci (2011-2012).
Chair, Psychology Department Mid-term Review for Dr. Felicia Hurwitz (2009-2010)
Chair, Psychology Department Human Experimental Concentration Committee, 2005-2008.
Member, Computer Science Department Promotion Committees for Drs. Spiro's Mancoridis and William Regli, 2006-2007.
Member, Psychology Department Identity Working Group, 2005-2006.
Member, Computer Science Department Third Year Review Committee for Dr. Frank Lee, 2005-2006.
Member College of Arts and Sciences Tenure & Promotion Committee, 2004-2006
Member, University Committee on the formation of a Cognition, Brain and Behavior Institute, 2004- 2006.
Department Retreat Visioning Leader (2005, Sep).
Member Department Tenure Committee for Dr. John Koumiss, 2004 – 2005
Member; Honors College Curriculum Committee, 2003 - 2004.
Member, University Advisory Committee on a Code of Conduct for Drexel University, 2002 - 2003
Chair, University Appeals Committee, 2002-2003
Chair, Working Group to create a Human Subjects Institutional Review Board for Behavioral and Social Science Research, Jan. 2002 - Oct. 2003.
Advisor, Human Factors and Cognitive Engineering Minor, Psychology Department, 2001 - 2003.
Member, Curriculum Committee, Department of Computer Science, 1999 - 2003.
Human Computer Interaction Track Advisor, Department of Computer Science, 1998 - 2003.
Faculty Advisor, Drexel University Rifle Team, 1990 - 2003.
Member, Psychology Department Graduate Training Committee, 2001 - 2002
Chair Psychology, Sociology and Anthropology Department Tenure and Promotion Committee, 2001-2002
Chair, College of Arts and Sciences Tenure and Promotion Review Committee, 2000 - 2002.
Developer, Minor in Human Factors and Cognitive Engineering, Psychology, Sociology and Anthropology Department, 1998-2001.

Advisor, Psychology Minor, Psychology, Sociology and Anthropology Department, 1998 - 2001.

Member, Psychology, Sociology and Anthropology Department Graduate Training Committee, 1990 - 2001.

Member, External Advisory Board Selection Committee, Department of Computer Science, 1999-2000.

Member, 3 year review Committee for Dr. Usha Menon, Department of Psychology, Sociology, and Anthropology, 1999 - 2000.

Assessment Team Leader, Drexel-Jefferson Academic Alliance for Biomedical Engineering Curriculum Development, Whitaker Foundation Special Opportunity Award, 1999 - 2000.
(http://www.biomed.drexel.edu/alliance/progress_to_date/default.cfm)

Member, Curriculum Committee, School of Biomedical Engineering, Science and Health Systems, Summer 1998 - 1999.

Member, Drexel University Curricular Technology Task Force, 1998 - 1999.

Member, Psychology, Sociology and Anthropology Department Head Advisory Committee, 1997 - 1999.

Coordinator, Psychology Undergraduate Curriculum, Department of Psychology, Sociology and Anthropology, 1995 - 1999.

Panelist, Drexel-MCPHU, Workshop on Neurobiology, Session on Human Factors and Performance, 21 Apr. 1999, Hahnemann University Hospital, Philadelphia, PA.

Member, Awards Committee, Devereux Award for New Faculty, College of Arts and Sciences, 1998 - 1999, 1994 - 1996.

Member, Bachelor of Science in Industrial Design Proposal Committee, College of Design Arts, 1997 - 1998.

Group Leader, Psychology, Sociology and Anthropology Department Strategic Planning Committee, 1997 - 1998.

Member, Psychology, Sociology and Anthropology Department Undergraduate Studies Committee, 1997 - 1998.

Co-Author, Bachelor of Arts in Psychology, Sociology and Anthropology proposal, 1996 - 1997.

Chair, Department of Psychology, Sociology and Anthropology Department Head Search Committee, 1996 - 1997.

Member, Department of Psychology, Sociology, and Anthropology Department External Review and Benchmark Planning Committee, 1995 - 1997.

Member, College of Arts and Sciences Graduate Curriculum Committee, 1995 - 1997.

Chair, Psychology, Sociology, and Anthropology Department Committee to review Tenure and Promotion Procedures, 1995 - 1996.

Member, Drexel University Computer Advisory Council, 1992 - 1994.

Member, Drexel University Faculty Senate Committee on Academic Support, 1992 - 1994.

Chair, Psychology, Sociology and Anthropology Department Tenure and Promotion Fact Finding Committee for Dr. Mary Spiers, 1992 - 1993.

Chair, Psychology, Sociology and Anthropology Department Tenure and Promotion Fact Finding Committee for Dr. Eric Zillmer, 1990 - 1991.

Member, Project Connections: Vision Commission of the MBA Program, College of Business, Drexel University, 1989 - 1991.

Member, Drexel University Faculty Senate Committee on Academic Affairs, 1989 - 1991.

Member, Drexel University Vice Provost for Research Search Committee, Summer, 1990.

Chair, Psychology, Sociology and Anthropology Department Hiring Committee, 1989 - 1990.

Member, Drexel University Mission and Planning Educational Strategies Workgroup, 1989 - 1990.

Member, Psychology, Sociology and Anthropology Department Clinical Training Committee, 1987 - 1990.

Member, Psychology, Sociology and Anthropology Department Graduate Curriculum Committee, 1987 - 1990.

Chair, Drexel University Undergraduate Curriculum Committee, 1988 - 1989.

Chair, Psychology, Sociology and Anthropology Department Tenure and Promotion Fact Finding Committees, 1988 - 1989.

Chair, Psychology, Sociology and Anthropology Department Committee on Development of University College Psychology Major, 1987 - 1989.

Member, Drexel University Middle States Accreditation Self Study Pre-Planning Committee, 1988.

Chair, Neuropsychology Program Graduate Admissions Committee, 1987 - 1988.

Co-Developer, The Co-op Disk, 1987 - 1988. (The Co-op disk was an electronic guidebook to the co-operative education program at Drexel.)

Secretary, Drexel University Undergraduate Curriculum Committee, 1985 - 1988.

Co-Developer, The Drexel Disk, 1984 - 1988. (The Drexel Disk was an interactive electronic guidebook to microcomputing facilities at Drexel and to undocumented and/or useful things to do with a Macintosh.)

Chair, Psychology and Sociology Department Long-Range Planning Committee, 1986 - 1987.

Conducted software demonstrations for groups of High School students visiting Drexel from the Philadelphia School District, 1986 - 1987.

Member, Humanities and Social Sciences College Advisory Committee on Load Reduction, 1985 - 1987.

Chair, Humanities and Social Sciences College Faculty Council, 1983 - 1987.

Chair, Psychology and Sociology Department Committee on Instructional Computing, 1985 - 1986.

Member, Humanities and Social Sciences College Tenure and Promotion Review Committee, 1981 - 1986.

Member, Psychology and Sociology Department Committee on Instructional Computing, 1984 - 1985.

Member, Psychology and Sociology Department Head Search Committee 1984 - 1985.

Participant, Drexel University Freshman Advising Program, 1979 - 1985.

Secretary, Drexel University Faculty Club Board of Governors, 1978 - 1985.

Member, Drexel University Ad Hoc Committee on Commencement Exercises, 1983 - 1984.

Member, Drexel University Microcomputer Users' Implementation Committee, 1983 - 1984.

Chair, Humanities and Social Sciences College Faculty Council Ad Hoc Sub-Committee on the Role of Microcomputer Project Participation in Tenure, Promotion and Merit Pay Raise Decisions, 1983 - 1984.

Member, Humanities and Social Sciences College Microcomputer Advisory Committee, 1983 - 1984.

Co-Editor, boot, the weekly Drexel University faculty microcomputer newsletter, 1982 - 1984.

Chair, Psychology and Sociology Department Curriculum Committee, 1982 - 1983.

Organizer and Coordinator, Faculty Computer Training Workshops utilizing SAS Basics Videotapes produced by the SAS Institute, 1982 - 1983.

Secretary, Drexel University Microcomputer Selection Committee, 1982 - 1983.

Secretary, Drexel University Microcomputer Users' Implementation Committee, 1982 - 1983.

Member, Humanities and Social Sciences College Faculty Council, 1981 - 1983.

Drexel University Delegate to Sigma Xi National Convention, 1981 (October).

Member, Psychology and Sociology Department Curriculum Committee, 1980 - 1982.

Member, Humanities and Social Sciences College Computer Advisory Committee, 1980 - 1981.

Member, Psychology and Sociology Department Graduate Program Committee, 1979 - 1980.

Drexel University Delegate to Sigma Xi National Convention, 1979 (October).

Chair, Psychology and Sociology Department Committee on Development of a Graduate Program, Summer, 1977 - 1978.

Member, Humanities and Social Sciences College Research Advisory Committee, 1976 - 1978.

Member, Psychology and Sociology Department Research Advisory Committee, 1976 - 1978.

Alternate Member, Drexel University Faculty Club Board of Governors, 1976 - 1978.

Member, Drexel University Computer Advisory Committee, 1975 - 1978.

Member, Humanities and Social Sciences College Faculty Advisory Committee, 1976 - 1977.

Member, Drexel University Faculty Council Task Force on Teaching Excellence, 1976 - 1977.

Member, Ad Hoc Committee for revision of Drexel University Faculty Club Operating Rules and By-laws, 1976 - 1977.

Proxy Member, Drexel University Faculty Council, Summer, 1976 - 1977.

Chair, Humanities and Social Sciences College Ad Hoc Committee on Grading Policy and Practices, 1975 - 1976.

Member, Psychology and Education Department Curriculum Committee, 1974 - 1975.

COMMUNITY SERVICE

Member, Nether Providence Township Parks Commission, 2006-2009.

Member, Troop Committee, Troop 272 BSA, 1987 - 1989.

Chair, Wallingford-Swarthmore School District Citizen's Curriculum Committee for Education of the Gifted and Talented, 1987 - 1988.
Chair, Wallingford-Swarthmore School District Citizen's Advisory Committee for Education of the Gifted and Talented, 1988.
Talk on Language Acquisition to Parents of children at the Timothy School (for children with disabilities), 1986.

UNIVERSITY AND PROFESSIONAL ADMINISTRATIVE EXPERIENCE

Program Chair, Creativity and Cognition 2013, Sydney, Australia, 2012-2013
Director, Psychology Department PhD Concentration in Applied Cognitive and Brain Sciences, 2007-2013.
Chair, Tutorials Program, Creativity and Cognition 2007, Washington, DC, 2005-2007
Co-Chair, Courses Committee, CHI2006 Conference on Human Factors in Computing Systems 2005 – 2006.
Co-Chair, Tutorials Committee, CHI 2004 Conference on Human Factors in Computing Systems, 2003 - 2004 (estimated Tutorials Gross Income, \$400,000).
General Co-Chair, CHI '94 Conference on Human Factors in Computing Systems, 1991 - 1994. (Budget \$1,700,000).
Member, SIGCHI Conference Planning Committee, 1991-1992.
Chair, Tutorials Committee, CHI '92 Conference on Human Factors in Computing Systems, 1990 - 1992. (Tutorials Gross Income, \$620,000).
Chair, Tutorials Committee, CHI '91 Conference on Human Factors in Computing Systems, 1989 - 1991. (Tutorials Gross Income, \$547,000).
Acting Department Head, Psychology, Sociology and Anthropology Department, Drexel University, Summer & Fall, 1987; Spring & Summer, 1988.

PROFESSIONAL SOCIETIES

Association for Computing Machinery
Association for Computing Machinery Special Interest Group on
Computer-Human Interaction
Human Factors and Ergonomics Society
Society for Applied Research on Memory and Cognition

OFFICES AND HONORS

ACM SIGCHI Lifetime Service Awards, 2014
Member, Steering and Management Committee for the Creativity and Cognition Conference Series sponsored by the Association for Computing Machinery, 2006- present.

Affiliate, Creativity and Cognition Research Studios, Faculty of Information Technology, University of Technology, Sydney, Australia and Department of Computer Science and School of Art and Design, Loughborough University, Loughborough, England, UK 2003-present

Member, Franklin Institute Committee on Science and The Arts, Oct., 1995 – Sep., 2013.

Drakontas, LLC, Visiting Researcher, Jun., 2010-Aug., 2011.

Member, Awards Committee for Emma Candy Award for best student paper at Creativity and Cognition 2011, Atlanta, GA. Oct. 2011

Nahman, LLC, Brussels, Belgium, Visiting Scientist, Apr., 2011

Creativity and Cognition Studios, Visiting Researcher, Oct. 2010.

Co-Editor (With Abraham Shtub and Abraham Parush), Special Issue of the International Journal of Engineering Education, 2009.

Co-editor (with Linda Candy), Special issue of the International Journal of Human Computer Interaction, 2008.

Corresponding Member, American Society of Civil Engineers Body of Knowledge Committee, 2007.

Member, Franklin Institute Bower Award Pre-Selection Committee, 2005-2006.

Program Co-Chair, Creativity and Cognition 2005 Conference, Aug., 2004 - Apr. 2005.

Member, Association for Computing Machinery's Special Interest Group on Computer Human Interaction Tutorials to Go Committee, Sep., 2000 - 2004.

Member, Editorial Board interactions Magazine, Association for Computing Machinery, 1993 - 2004.

Cognos Distinguished Visiting Scientist, The Human Oriented Technology Laboratory, Department of Psychology, Carleton University, Ottawa, Canada, Aug., 2004

CHI Systems, Inc. Visiting Researcher, Jun., 2003- Aug., 2004.

Invited Panelist, Education for Technical Communication, Jan Great, Chair, at the 11th annual TransAlpine Conference of the Society for Technical Communication, Vienna, Austria Apr, 2004

Invited participant and meeting facilitator for a research workshop sponsored by the Semantic Interoperability Laboratory, Institute for Geoinformatics, University of Muenster, Germany, April, 2004.

Invited Participant, Design Thinking Research Symposium #6: Expertise in Design, 17-19 Nov., 2003, Sydney, Australia.

Chair, Computer and Cognitive Science Cluster of the Franklin Institute Committee on Science and the Arts, Jan. 2000 - 2003.

Member, Franklin Institute Science Museum Exhibits Planning Committee, Spring, 2003.

Member, Bower Award Preselection Committee of the Franklin Institute Committee on Science and the Arts, Summer, 2002.

Secretary, International Federation of Information Processing Societies Technical Committee on Human-Computer Interaction, Working Group on Education in Human-Computer Interaction (IFIP WIG 13.1), Jun., 1991 - 2003..

Program Co-Chair, Creativity and Cognition 2002 Conference, Mar., 2001 - Oct. 2002.

Visiting Fellow, LUTCHI Research Center Creativity and Cognition Research Studios, Department of Computer Science and School of Art and Design,

Loughborough University, Loughborough, England, UK (5 extended visits, between Oct. 2000 and Sep. 2001).

Visiting Scientist, Battelle Pacific Northwest National Laboratory, Mar 20-24, 2000.

Chair, Association for Computing Machinery's Special Interest Group on Computer Human Interaction Tutorials to Go Committee, Feb., 1998 - Sep., 2000.

Member, Information Sciences and Engineering Peer Review Team, Department of Energy Battelle Pacific Northwest National Laboratories, Energy Science and Technology Division (4-5 May, 2000).

External Examiner for Ph. D. Viva for Michael Macaulay, Loughborough Dept. of Computer Science, Dissertation Chair, Ernest Edmonds (Dec. 1999).

Visiting Fellow, LUTCHI Research Center Creativity and Cognition Research Studios, Department of Computer Science and School of Art and Design, Loughborough University, Loughborough, England, UK (5 extended visits, during calendar 1999).

Chair, Symposium in honor of Douglas Engelbart: On the future of human centered computing, Drexel University, Philadelphia, PA, 30 Apr., 1999.

Member, Advisory Board, Human Computer Interaction Laboratory, University of Maryland, College Park, MD, 1998 - 1999, 1996-1997.

Treasurer, GeROTECH Corporation, 1993 - 1999. (GeROTECH developed microprocessor based assistive technologies for the elderly.)

Member, Advisory Editorial Board, Psychology Software News, Computers in Teaching Initiative Center for Psychology, York, UK, 1990 - 1998.

Recipient, International Federation of Information Processing Societies Silver Core Award for service to IFIP, Oct., 1998.

Associate, Drexel University Center for Applied Neurogerontology, 1994 - 1998.

Member, Education in Visualization Subcommittee of the SIGGRAPH Education Committee, Sep., 1993 - 1997.

Faculty Member, Doctoral Consortium, COSIT '97 Conference on Spatial Information Theory, Laurel Highlands, PA, Oct., 1997.

Member, Research Infrastructure Advisory Committee, Dept. of Computer Science, Va Tech, 1994-1995

Adjunct Chair for Curriculum Development, Association for Computing Machinery Special Interest Group on Computer Human Interaction, Aug., 1988 - Jun., 1995.

Member, External Advisory Committee for the Research Infrastructure program, Virginia Tech, Blacksburg VA Sep., 1994-1995.
(<http://pixel.cs.vt.edu/ri/prog2.pdf>)

American Liaison, British Computer Society Human Computer Interaction Specialist Group HCI '93 People and Computers conference, Jul., 1992 - Sep., 1993.

Vice Chair for Operations, Association for Computing Machinery Special Interest Group on Computer Human Interaction, Jul., 1989 - Jun., 1991; Jul., 1991 - Jun., 1993.

North American Liaison, British Computer Society Human Computer Interaction Specialist Group HCI '92 People and Computers conference, Jul., 1991 - Sep., 1992.

Appointed Member, Steering Committee, Society for Computers in Psychology, 1990 - 1992.

Member, Organizing Committee, CHI '92 Conference on Human Factors in Computing Systems, 1990 - 1992.

Member, American Chemical Society Advisory Panel on Social Research in Chemistry, 1987 - 1992.

Founding Member, General Editorial Management Board, Interacting with Computers, Sep., 1987 - 1992.

Chair, Association for Computing Machinery Special Interest Group on Computer Human Interaction Curriculum Development Group, Aug., 1988 - Dec., 1991.

Member, Organizing Committee, CHI '91 Conference on Human Factors in Computing Systems, 1989 - 1991.

Member, Executive Committee Advisory Board, Association for Computing Machinery Special Interest Group on Computer Human Interaction, Aug., 1988 - Jun., 1989.

Invited Participant, "Reflecting Upon How We Educate Professionals," a workshop on the art of reflection in teaching, sponsored by the Quality Education Committee, Drexel University College of Business, 1988.

Lecturer, Drexel University's Visiting Professor to Industry Lecture Series, 1987 - 1988.

Treasurer, Drexel University Sigma Xi Chapter, 1979 - 1987.

Secretary, Drexel University Faculty Club Board of Governors, 1979 - 1985.

Contributing Editor, Collegiate Microcomputer, 4 (2).

External Examiner, Swarthmore College Honors Program, 1982.

Lilly Pennsylvania Program Fellow, Summer, 1981; Winter - Spring, 1980 - 1981; Winter - Spring, 1979 - 1980.

PROFESSIONAL REFERENCES

Dr. Bruce W. Char, Professor of Computer Science, Department of Computer Science, Drexel University, Philadelphia, PA 19104 (Phone: +1 215-895-2670)

Dr. Ernest A. Edmonds, Professor of Computation and Creative Media, Faculty of Information Technology, University of Technology Sydney NSW 2007, Sydney, Australia (Mobile: +44 (0)7801.272.108)

Dr. Jeremy Johnson, Professor of Computer Science, Department of Computer Science, Drexel University, Philadelphia, PA 19104 (Phone: +1 215-895-2893)

Dr. William C. Regli, Professor of Computer and Information Science, Drexel University, Philadelphia, PA 19104 (Phone: +1 215-895-6827)

Dr. Eric A. Zillmer, Director of Athletics at Drexel University (Formerly Director, Psychology Graduate Programs, Department of Psychology / Sociology / Anthropology, Drexel University, Philadelphia, PA 19104 (Phone: +1 215-895-1999))