

Curriculum Vitæ

Anne Adams

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Education

presently	Completing the requirements for a Ph.D. in Engineering Psychology Georgia Institute of Technology. Atlanta, Georgia. U.S.A.
Fall 2006	<u>M.S. in Psychology</u> Georgia Institute of Technology. Atlanta, Georgia. U.S.A. <i>Thesis: Inferences and the role of prior knowledge</i>
2001	<u>B.Sc. in Psychology</u> (specialization program) University of Alberta. Edmonton, Alberta. Canada.
1994	<u>Vordiplom in Psychology</u> Johann-Wolfgang-Goethe Universität. Frankfurt/Main. Germany. (transferred to University of Alberta)
1987	<u>Bürokauffrau</u> (Commercial Secretary Diploma) Georg-Kerschensteiner-Schule. Bad Homburg v.d.H. Germany.
1985	<u>Abitur</u> (High-School Diploma. Majors: English & Mathematics) Anna-Schmidt-Schule. Frankfurt/Main. Germany.

Research Activities

Preliminary Examination (paper-format)

- Reviewed selected task analysis methods (HTA, GOMS, CTA, ETA, principled task decomposition) and theories of skill acquisition (CAP2, ACT, EPIC, observational learning, schema theory). Analyze explicit and implicit theoretical connections between methods and theories, and the respective benefits of each for the purpose of training.

Research Activities (cont'd)

Inferences and Prior Knowledge

- Examining via structured interviews what information younger and older adults use when evaluating explicitly stated and implied information in warnings, depending on whether warnings were consistent with or contradicted prior knowledge.

Technology Use by Older Adults

- Part of a team analyzing data obtained from ethnically diverse focus groups conducted to elicit information about older adults' technology attitudes, usage, and training preferences.

Knowledge Modification Study

- Investigated how recently acquired knowledge influences younger and older adults' recall of contradicting information.

Work Experience

Graduate Research Assistant for the Human Factors and Aging Laboratory. Assist in ongoing and novel research. General laboratory tasks include maintaining lab server structure, experimental procedures manual, bulletin boards, newsletter, and ensuring backup up of server.

08/2003 – present

School of Psychology. Georgia Institute of Technology. Atlanta, Georgia. U.S.A.

Teaching Assistant for Introductory Psychology Class. Included three guest lectures: Memory, Engineering Psychology, and Careers in Psychology.

Fall 2006

School of Psychology. Georgia Institute of Technology. Atlanta, Georgia. U.S.A.

Departmental Assistant. Assist the Graduate and Undergraduate Coordinators in their administrative duties. Duties included helping in the organization and coordination of the School of Psychology's Recruitment Weekend 2004, updating the School's brochure, and the development of the School's Newsletter.

01/2004 – 04/2004

School of Psychology. Georgia Institute of Technology. Atlanta, Georgia. U.S.A.

Work Experience (cont'd)

Departmental Assistant. Assist the web committee in the redesign of the departmental webpage by analyzing the current website (content and navigation), helping determine the site requirements, and developing recommendations for the redesign.

08/2003 – 12/2003

School of Psychology. Georgia Institute of Technology. Atlanta, Georgia. U.S.A.

Assistant to Language Coordinators. Organize examiner training sessions in Europe, and involved in all aspects of language test development, design, correction, and revision.

10/2002 – 07/2003

Weiterbildungs-Testsysteme GmbH. Frankfurt/Main. Germany
(Assessment and certification of language skill proficiencies)

Editorial Assistant to the Associate Editor of *Organic Letters* (holiday replacement).

Responsible for all office systems and operations that support the journal's editorial and peer-review process conducted by the Associate Editor.

03/2002 – 07/2002

University of Alberta, Department of Chemistry. Edmonton, Alberta. Canada.

Faculty Assistant to the Introductory Organic Chemistry Laboratory Coordinator:

- Redesign the laboratory's website. Assess students' problems and questions related to the experiments, then edit and develop content to address these questions. The websites have been redesigned in 2007, with some of the format and much of the content remaining.
<http://www.chem.ualberta.ca/~orglabs>
- Coordinate the addition of a new learning tool to the advanced chemistry students' laboratory course: Set up procedures for exchanging chemical samples and acquired NMR data between students and laboratory. Coordinate with computer facility that setup the computer lab. Learn the software (VNMR) and write student instructional material for handling the program and the task in general. Evaluate instructions for clarity and usability. Test the overall system for functionality and usability. Assist in the initial student training sessions.
- Update and test other instructional resource material such as the student and teaching assistant manuals as well as parts of the web tutorials.
- Assist with the general administration of the laboratory courses.

05/2000 – 07/2002

University of Alberta, Department of Chemistry. Edmonton, Alberta. Canada.

Work Experience (cont'd)

Accountant. Establish and manage accounting department. Other duties included budgeting, human resources and time management, customer service, general office management as well as assisting in the organization and coordination of chemical hazardousness workshops.

06/1994 – 09/1996

Chemie-Umweltberatungs GmbH. Frankfurt/Main. Germany.

(Consulting and training management and employees in respect to environmental laws and regulations as well as good practices related to chemicals)

Assistant in Customs Department. Ensuring custom clearance forms comply with international rail shipping regulations; then filing correct forms.

08/1993 – 09/1993

TFG Transfracht International. Frankfurt/Main. Germany

(International freight company)

Office Manager. Administrative duties included general office and human resources management, bookkeeping, budgeting. Occasional technical duties were servicing of optical readers and assembly of breadboard circuits.

08/1985 – 02/1993

Digital Data Service GmbH. Bad Vilbel. Germany

(Sale and service of optical mark readers)

Memberships & Offices

- Human Factors and Ergonomics Society (since 2004)
- Human Factors and Ergonomics Society – Aging Technical Group
 - Member (since 2004)
 - Webmaster (since 2006)
- Human Factors and Ergonomics Society - Georgia Tech Student Chapter
 - 2003 – current (Member)
 - 2004 – 2006 (Webmaster)
 - 2006 – 2007 (President) – For this period, the student chapter was recognized by the HFES society at the gold level for its overall activities and received a recognition of excellence for the 2006 Best NEM Implementation plan.

Proceedings

Adams, A. E., Rogers, W. A., & Fisk, A. D. (2007). Inferences and Confidence in Warning Texts: The Role of Age and Prior Knowledge. *Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.

Adams, A. E., Bowles, C. T., Choi, K. C., Rogers, W. A., & Fisk, A. D. (2005). The Effect of Contradictory Information on Recently Acquired Knowledge. *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.

Posters and Presentations

Mitzner, T. L., Adams, A. , Fausset, C. B., Boron, J. B., Rogers, W. A., & Fisk, A. D. (2008, April). *Understanding older adult's attitudes about technology use in the home*. Presented at the 12th bi-annual meeting of the Cognitive Aging Conference, Atlanta, GA.

Adams, A. E., Rogers, W. A., & Fisk, A. D. (2007, October). *Inferences and confidence in warning texts: The role of age and prior knowledge*. Presented at the 51st annual meeting of the Human Factors and Ergonomics Society, Baltimore, MD.

Fausset, C. B., Mitzner, T. L., Adams, A. E., Boron, J. B., Dijkstra, K., Charness, N., Argüelles, T., Lee, C. C., Rogers, W.A., & Fisk, A. D. (2007, August). *Technology use by older adults in the work domain*. Presented at the 115th Annual Convention of the American Psychological Association, San Francisco, CA.

Mitzner, T. L., Adams, A. E., Argüelles, T., Bailey, C. L., Boron, J. B., Lee, C. C., Weitz, J. R., Charness, N., Czaja, S. J., Dijkstra, K., Fisk, A. D., Rogers, W. A., & Sharit, J. (2006, August). *Technology use by older adults*. Presented at the 114th Annual Convention of the American Psychological Association, New Orleans, LA.

Adams, A. E., Bowles, C. T., Choi, K. C., Rogers, W. A., & Fisk, A. D. (2006, April). *Age-related differences in learning information that contradicts recently acquired knowledge*. Presented at the 11th bi-annual meeting of the Cognitive Aging Conference, Atlanta, GA.

Adams, A. E., Bowles, C. T., Choi, K. C., Rogers, W. A., & Fisk, A. D. (2005, September). *The Effect of Contradictory Information on Recently Acquired Knowledge*. Presented at the 48th annual meeting of the Human Factors and Ergonomics Society, Orlando, FL.

Non-refereed writings

Mitzner T. L., & Adams, A. E. (in press). Language and aging. *Signpost: Journal of Dementia and Mental Health Care for Older People*.

Adams, A. E., & O'Brien, M. A. (2005, September). Earth Day at Georgia Tech. *HFES Bulletin*, 49(10), 4.

Teaching experience

- Graduate Research Methods. Part of panel discussing “Mentoring and Menteeing” (Fall, 2007)
- Teaching practicum. Team-taught Introductory Psychology Course. Lectures were on case study, perception, social psychology, and anxiety disorders (Spring 2007)
- Introductory Psychology. Guest lectures on memory, engineering psychology, and careers in psychology (Fall 2006)

Service

- Cognitive Aging Conference 2004, 2006, 2008 – Volunteer
- Engineering Psychology student representative (2004-2005)

Certifications & Workshops

Conjoint Analysis (April, 2006)

Workshop delivered by Yili Liu, Atlanta, GA.

CREATE (summer, 2006 – present)

Center for Research and Education on Aging and Technology Enhancement - certified for individual participant testing and scoring of data.

Incident Investigation Leads to a Safe and Reliable System (September, 2005)

Workshop at the HFES annual meeting in Orlando, FL.

National Institute of Health (January 2004 – present)

Office of Human Subjects Research training course on the Protection of Human Research Subjects. Certified to test participants.

Completed Class work

Psychology

Biopsychology
Cognitive Psychology
Sensation & Perception
Social Psychology

Quantitative

Statistics I (ANOVA)
Statistics II (MRC)
Research Methods

Preparatory

Professional Problems
Teaching Practicum

Engineering Psychology

Engineering Psychology I (Controls)
Engineering Psychology II (Displays)
Seminar: Assistive Technology
Seminar: Psychology of HCI
Biomechanics
Cognitive Engineering
Psychomotor & Cognitive Skills

Aging

Developmental Psychology
Survey of Cognitive Aging

Computer Skills

- Microsoft Office and Adobe products on Windows platform
- maxQDA – software for qualitative data analysis
- EndNote
- SPSS
- Maintenance of databases (FoxBase, PR+)

Languages

German, English (fluent)

References

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