

**JARED A. DANIELSON**  
**CURRICULUM VITAE**

B010 Commonwealth  
The University of Virginia's College at Wise  
1 College Avenue  
Wise, VA 24293  
(540) 376-4578

PO Box 2899  
Wise, VA 24293  
(540) 328-2123

**[j\\_danielson@virginia.edu](mailto:j_danielson@virginia.edu)**

**EDUCATIONAL EXPERIENCE:**

- Ph.D. - 1999**            Virginia Polytechnic Institute and State University  
Major: Curriculum and Instruction -- Instructional Systems Development  
Dissertation: The design, development and evaluation of a web-based tool for helping veterinary students learn how to classify clinical laboratory data.
- M.S. - 1996**            Syracuse University  
Major: Instructional Design, Development, and Evaluation
- B.A. - 1994**            Brigham Young University  
Major: English  
Minors: Film, Music

**PROFESSIONAL EXPERIENCE:**

- Jan 1998 - Present:** Instructional Designer, College of Veterinary Medicine, Virginia Tech, Blacksburg VA. Responsibilities: Design and evaluate a "problem-list generator" for a Clinical Pathology Course; manage the development process for the "problem-list generator" project; design and develop related computer-based tutorials for a Clinical Pathology Course.
- Sept 1997-Sept 1998:** Supervisor, Education Technology Lab and Technical and Instructional Support Service, College of Human Resources and Education, Virginia Tech, Blacksburg VA.  
Responsibilities: Supervised day-to-day operation of the College of Human Resources and Education's "housecalls" serving 170 faculty and 65 staff; worked one-on-one with faculty in arranging for technical and limited instructional design support for classes and course design; supervised day-to-day operation of a computer lab containing approx. 60 computers; planned, coordinated and conducted training for housecalls and lab staff; planned, coordinated and conducted training for college faculty and staff.

- May - August 1997:** Instructional Workshop Assistant, Faculty Development Institute, Virginia Tech, Blacksburg, VA. Responsibilities: Assisted in teaching faculty how to use presentation and web-design software; Worked one on one with faculty members in building computer-based teaching projects.
- Sept 1996-Sept 1997:** Technical and instructional support staff, Education Technology Lab, College of Human Resources and Education, Virginia Tech, Blacksburg, VA. Responsibilities: Conducted “housecalls” to solve computer-related problems for faculty and staff; helped students in the lab solve computer-related problems; maintained a server for updating software on remote machines; designed and conducted simple evaluations of lab services
- Summer 1996:** Graduate Teaching Assistant, Department of Instructional Design, Development and Evaluation, College of Education, Syracuse University, Syracuse, NY. Responsibilities: Assisted in preparing and teaching a product development course; helped graduate students develop instructional products as groups; taught relevant skills to the class as a whole; assisted instructor in creating syllabus and grading
- Summer 1996:** Spanish-English Translator, Freelance, Syracuse, NY. Translated master's theses from Spanish to English for Venezuelan professors from the University of Simon Rodriguez; proofed and edited theses; provided consultation services in English composition
- Sept 1995 - June 1996:** Writing Tutor, Syracuse University, Syracuse, NY. Responsibilities: Taught basic principles of grammar and composition to undergraduate students; helped students with course work, job applications, and related writing tasks
- Sept 1995 - June 1996:** Teaching Assistant - ESL (English as a Second Language), Jamesville Dewitt Middle School, Syracuse, NY. Responsibilities: Taught English to groups of ESL students ranging in age from 10 to 15; tutored individual students and small groups; coordinated teaching efforts with non-ESL teachers
- Sept 1995 - June 1996:** Teaching Assistant, The New School (kindergarten - 8<sup>th</sup> grade students), Syracuse, NY. Supervised students during academic activities and gym time; helped individual students with academic work

**Aug 1994 - Aug 1995:** Carpenter, TIKA Construction, Payson UT., M-13 Construction, Spanish Fork, UT. Responsibilities: Participated in all aspects of construction and demolition; supervised small teams of laborers.

**June 1991 - Aug 1994:** Spanish Teacher, Missionary Training Center, Provo, UT. Taught missionaries Spanish and teaching skills; observed and gave feedback to other teachers; aided in the development of scripts for a Spanish language training video; aided in the implementation of a computer-aided teaching program involving task-based and self-directed teaching/learning methods.

### **VOLUNTEER EXPERIENCE:**

**Sept 1997 - present:** Early Morning Seminary Teacher, Church of Jesus Christ of Latter-day Saints, Blacksburg, VA. Responsibilities: Teach about a dozen high-school age students all they need to know to be happy; every weekday from 6:40 A.M. to 7:30 A.M.

**Sept 1997 - present:** Habitat for Humanity volunteer. Responsibilities: Provide skilled labor (construction) for habitat for humanity including (so far) framing and sheet rock work.

**Summer 1997:** Special Olympics Games, Christiansburg, VA. Organized and supervised a group of approximately 20 youth as one-day volunteers for the local Special Olympics games.

**Aug 1993 - April 1998:** B.S.A. troop committee member (96-98), B.S.A., Blacksburg, VA.

Asst. Scout Master (93-94) / Scout Master (94-95), B.S.A (Boy Scouts of America), Provo, UT.

Responsibilities: Trained, supervised, and learned with young men (12-13 yrs. old) in a variety of settings ranging from tents embedded in three feet of snow to normal classrooms.

**Dec 1988 - Dec 1990:** Voluntary Representative, The Church of Jesus Christ of Latter-day Saints, Argentina, South America. Responsibilities: Supervised training for as many as 100 other missionaries; lived with, worked with, and taught Argentine people from a variety of social settings.

**PROFESSIONAL ORGANIZATIONS:**

Association for Educational Communication & Technology  
Eastern Educational Research Association

**COURSES/SUBJECTS TAUGHT:**

Instructional Product Development (Graduate-level)  
Spanish Grammar/Conversation (non-university adult learners)  
English as a Second Language (Secondary)  
General (Elementary)

**SOFTWARE:**

Authoring: Visual Café for Java, Authorware, Toolbook  
Web Editing: Navigator/Communicator, Claris Home Page, MS FrontPage  
System: Mac, DOS, Windows 3.X/95-8/NT  
Presentation-related: MS Powerpoint, Adobe Photoshop  
Server/Database: Retrospect Remote, Webstar, FileMaker Pro 4, Lasso, FileWave  
Misc.: word processing, e-mail, file transfer, hardware utilities (Norton, Tech Tool, etc.)

**PUBLICATIONS:**

Danielson, J. A., & Burton, J. K. (1999). A support system for instructional technology in higher education: The housecalls program of Virginia Tech's College of Human Resources and Education. In R. M. Branch & M. A. Fitzgerald (Eds.), Educational media and technology yearbook: Vol. 24. Englewood, Colorado: Libraries Unlimited.

Danielson, J. A., & Burton, J. K. (in press). A systems approach to adopting new technologies in education. In Proceedings of Selected Research and Development Paper Presentations. Research and Theory Division, AECT.

**ABSTRACTS:**

Danielson, J. A., Lockee, B. B., Hix, D., Mills, E.M., & Bender, H. S. A Computer-based Tool for Clinical Pathology Students to Accurately Classify and Synthesize Lab Data. Vet Pathol, Vol 35, No. 5, Abstract 57, pp. 430, 1998.

**INSTRUCTIONAL PRODUCTS  
DESIGNED AND DEVELOPED  
(IN DEVELOPMENT):**

Clinical Pathology Problem List Generator. (Jan 1998 – present). The Problem List Generator, which has been designed and is in the initial stages of development, is intended to help Veterinary Students learn the complex process of synthesizing clinical lab data and arriving at an appropriate diagnosis. On this project I have acted as the instructional designer, interface designer, and project manager.

On-line Human Development Course. (1997-98). I worked as part of an instructional design team over the course of about 9 months helping a professor in Department of Family and Child Development change components of her course for on-line delivery. I was primarily responsible for the front-end, learner-analysis component, and for some initial formative evaluation.

**INSTRUCTIONAL PRODUCTS  
DESIGNED:**

A Beginner's ESL Vocabulary Tutorial for Hypercard. (1996)

An evaluation proposal for the business training curriculum of INROADS of central New Jersey. (1996).

An instructor's guide for a ten-module course entitled "Leading Organizational Improvement". (1996)

**PRESENTATIONS:**

Danielson, J. A., Bender, H. S., Lockee, B. B., Burton, J.K., Mills, E. M., Boon, G. D. (1999). Evaluation of a Computer-Based Tool for Helping Clinical Pathology Students Learn how to Accurately Classify and Synthesize Lab Data. Presented at the 11th Annual Research Symposium of the Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA.

Danielson, J. A. and Burton, J. K. (1999). A Systems Approach to Adopting New Technologies in Education. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Houston, TX.

Danielson, J. A. (1999). Skills Required of the Distance Teacher. Presented at the annual meeting of the Association for Educational Communication & Technology, Houston, TX.

Danielson, J. A., Bender, H., Lockee, B., Swami, J. & Hix, D. (1999). Building an On-line Tool for Helping Veterinary Students Learn to Classify Clinical Lab Data. Paper

presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.

Burton, J.K. and Danielson, J. A. (1998). A support system for instructional technology in higher education. Paper presented at the annual meeting of the Eastern Educational Research Association, Tampa, FL.

Danielson, J. A. (1998). Socialization and Homeschooling. Paper presented at the annual meeting of the Liahona Home Educators Association, Buena Vista, VA.

Danielson, J. A.; Lockee, B.; Hix, D.; Mills, E.; Bender, H. (1998). A computer-based tool for helping veterinary students learn to classify clinical laboratory data. Presentation at the annual meeting of the American College of Veterinary Pathologists, St. Louis MO.

Danielson, J. A. (1998). Skills Required of the Distance Teacher. Presentation at the annual meeting of the Eastern Educational Research Association, Tampa, FL.

#### **INVITED PRESENTATIONS:**

Transforming a Clinical Pathology Course: Reports of CIL grant recipients. Presentation to be given at Virginia Tech's IT 99 Conference. (Co-presenters, Bender, H.; Lockee, B.; Hix, D.; Mills, R.), Blacksburg, VA., Mar 23, 1999

Discussion of Instructional Design Strategies and Implementation process for a Veterinary Medicine Course. Presentation sponsored by Virginia Tech's Faculty Development Initiative (FDI). (Co-presenters, Bender, H. & Lockee, B.), Blacksburg, VA., Oct 27, 1998

#### **CHAIR/DISCUSSANT:**

Chair, Session on Cognitive Psychology at the annual meeting of the Eastern Educational Research Association, Tampa, FL, February, 1998.

#### **GRANTS:**

Bender, H. S., Lockee, B. B., Mills, E. M., Boon, G. D., Burton, J. K., Holmes, G. A., Danielson, J. A., Hix, D. "Becoming an Expert: Developing Food Animal Veterinary Diagnostic Skills." USDA , CREES Proposal Number 99-1717-03 \$88,053.

Bender, H. S., Lockee, B. B., Mills, E. M., Hix, D., Boon, G.D., Danielson, J. A. "Breaking Through Cognitive Barriers Using Technology." Submitted as CIL Course Transformation Grant for \$43,945 -- (Approved for funding, but not funded).

**CONSULTING:**

Appalachian College Association (ACA). Consultant and Trainer for the ACA Student Technical Assistants initiative. Jan 1998-present. Responsibilities: Provide expert advice to the ACA concerning their technical assistance initiative; design develop and deliver training on interpersonal and technical skills to students/faculty of ACA member colleges; participate in workshop planning sessions.

Virginia Tech College of Human Resources and Education. Instructional Designer: Human Development Course. 1997-1998. Responsibilities: Led the project's front-end analysis; aided in formative evaluation; participated in initial research and planning for the project.

Virginia Tech College of Human Resources and Education and Franklin County School District, VA. Consultant and Trainer. Spring 1998. Responsibilities: Learned the "Logal" Chemistry Explorer Modules; designed several lesson plans for employing the Logal modules in a secondary classroom; introduced the Logal software and lesson plans to the public school teacher who would be using it.

**WORKSHOPS:**

Appalachian College Association. Aug 19, 1998. Co-conducted a 3-hour workshop on Windows '95, Netscape mail, and MS Powerpoint for about 20 faculty members at Kentucky Christian College.

Human Resources and Education and Extension. Dec 4-5, 1997. Co-conducted a two-day workshop on basic Mac system use and trouble-shooting for approximately 20 support staff members in Virginia Tech's College of Human Resources and Education.

**CURRENT RESEARCH INTERESTS:**

The implementation and adoption of educational technology  
The theory-based application of emerging technologies in educational practice  
Social issues and educational decisions  
Learning and the narrative