

VITA

Angel K. Jannasch-Pennell, Ph.D.
 Arizona State University
 P.O. Box 870101
 Tempe, AZ 85287-0101
 v. 602/965.3906
 f. 602/965.6317
 e. angel@asu.edu

Educational Background

Ph.D., Curriculum and Instruction

Special Education/ Technology Integration
 Arizona State University

Dissertation: An Investigation of Learner Control and Navigation
 in a Hypertext-Based Instructional Environment

May 1996

Master of Arts, Special Education/ Technology Integration

Arizona State University

Thesis: Impact of Instructional Grouping and Presentation Type
 on Student Decision Making in a Computer-Mediated Environment

December 1994

Bachelor of Science, Sociology

Arizona State University

December 1991

Professional Experience

Co-Principal Investigator
 VBNS Advanced Networking and Application Research
 National Science Foundation

September 1998- Present

Project Manager
 21st Century Distrubuted Learning Environment
 GSA

March 1998- Present

Project Director/Co-Principal Investigator
 Eruditio Project
 USWest Foundation sponsored project

November 1996 - Present

Research Specialist
 Instruction and Research Support
 Information Technology

May 1996 - Present

Faculty Associate
 College of Education
 Special Education Program

May 1996 - Present

Project Co-Director/Co-Principal Investigator
 Conexiones/ Connections
 Migrant Children Education Program
 Arizona Department of Education

June 1994 - Present

Grant Writer/ Preparer

June 1994 - Present

Project Manager/Instructional Designer
 Media.4 – Multimedia Internet Training Program
 Federal General Services Administration sponsored project

May 1996 – November 96

Project Director/ Evaluator
 Arizona EarthVision
 Federal General Services Administration and
 Environmental Protection Agency jointly sponsored project

August 1995 – October 96

Technology Integration Consultant Arizona Tribal Coalition	January 1996 – January 97
Graduate Research Assistant College of Education Secondary Education and Special Education Programs	September 1993 - May 96
Technology Consultant National Council for Social Studies	October 1994 - December 95
Residential Treatment Specialist Developmental Behavioral Consultants Tempe, AZ	June 1993 - March 95
Academic Tutor Carminati Elementary School Tempe, AZ	January 1995 - May 95
Educational Software Evaluator Research Triangle Raleigh Durham, NC	January 1994 - March 94
Special Education Teacher Washington School District Phoenix, AZ	July 1992 – January 93
Classroom teacher/ Computer Lab Coordinator Friendly House, Community program for at-risk youth Phoenix, AZ	February 1992 – June 93

Currently Funded Projects

21st Century Distrubuted Learning Environment, Project Manager
\$2,800,000
March 1998-present
GSA

Eruditio Project, Co-Principal Investigator
USWest/NEA Teacher Network
\$1, 200,000
1996 - 1999
USWest Foundation sponsored project
(<http://eruditio.asu.edu>)

Innovations in Networking vBNS, Co-Principal Investigator
\$350,000
1997 - 1999
National Science Foundation grant

CATV K-12 Connectivity, Co-Principal Investigator
\$277,076
1996 - 1998
National Science Foundation grant
(<http://aspin.asu.edu/projects/k12.html>)

Internet Training Project: Phase Two, Co-Principal Investigator
\$200,000
1997 - 1998
General Services Administration sponsored project
(<http://media4.asu.edu>)

Conexiones, Co-Principal Investigator
 \$50,000 annually
 1992 - 1999
 Migrant Child Education Program, Arizona Dept. of Education funded project
 (<http://conexiones.asu.edu>)

University or college scholastic honors

Dean's List, Arizona State University
 Must achieve an undergraduate grade point average of 3.5 on a 4.0 scale to qualify

Arizona Regents Scholarship - Fall Semester 1989
 Given to undergraduates who show strong academic promise by maintaining a grade point average of 3.0 or better on a 4.0 scale for two consecutive semesters.

Alpha Kappa Delta, Honors Society in Sociology - Member 1990-1992, Treasurer 1991-1992.
 Must maintain a cumulative grade point average of 3.2 or better on a 4.0 scale.

Kappa Delta Pi, Honors Society in Education - Member since 1993.
 Must maintain a cumulative grade point average of 3.0 or better on 4.0 scale.

College of Education Student Advisory Council - Member 1995-1996

Governor's Recognition Award- 1998
 Recognizes quality, excellence and continuous improvement in Arizona State Government

Community activities

Child Crisis Center, Mesa, AZ
 Community Legal Services, Mesa, AZ
 Floaters – Homeless peoples website

Presentations

Yu, C. H., Winograd, D., Andrews, S., DiGangi, S. & Jannasch-Pennell, A. (1999). Visualizing collinearity , variance inflation factor, and orthogonalization in subject space. American Statistical Association 1988 Proceedings of the Section on Statistical Education, 119-124.

Yu, C. H., Andrews, S., Winograd, D., Jannasch-Pennell, A. & DiGangi, S.(1999). Visualizing factor analysis in variable space and subject space. American Statistical Association 1988 Proceedings of the Section on Statistical Education,131-135.

Ohlund, B., Jannasch-Pennell, A., DiGangi, S., Andrews, S., & Yu, C. H. (1999, June). An analysis of web-based communications and collaboration among K-12 educators. Paper accepted for Ed-Media 99—World Conference on Educational Multimedia, Hypermedia and Telecommunications, Seattle, WA.

Collins, C., Wasklewicz, A., DiGangi S., & Jannasch-Pennell, A. (1999, April). Improving education: Teaching and learning with technology.The International Conference on College Teaching and Learning, Jacksonville, FL.

Collins, C., Wasklewicz, A., DiGangi, S., & Jannasch-Pennell, A. (1999, April). Improving education:Teaching and learning with technologyArizona State University, Tempe, AZ.

Ohlund, B., Andrews, S., Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (1999, April) Impact of asynchronous and synchronous web-based communication on collaboration and performance among K-12 teachers. The 19th Annual meeting of the American Educational Research Association, Montreal, Canada.

Jannasch-Pennell, A., DiGangi, S.A., Irvine, S., Yu, C. H., Cohn, S.J. (1999, April). Intelligent, interactive web-based learning environments: A component analysis. The 19th Annual meeting of the American Educational Research Association, Montreal, Canada.

- Irvine, S, Jannasch-Pennell, A., DiGangi, S.A., Yu, C. H., (1999, April). Viability of the digital portfolio as an evaluation tool in K-6 education. The 19th Annual meeting of the American Educational Research Association, Montreal, Canada.
- DiGangi, S.A., Jannasch-Pennell, A., Wasson, B. (1999, March). The Eruditio project: Integrating technology in the K-12 classroom. Microcomputers in Education Conference, Tempe, AZ.
- Collins, C., Wasklewicz, A., Wijesuriya, R., DiGangi, S. A., Jannasch-Pennell, A., Woller, A. (1999, March). Conexiones: Teaching with technology, learning from robots. Microcomputers in Education Conference, Tempe, AZ.
- Collins, C., Wijesuriya, R., DiGangi, S., Jannasch-Pennell, A., Cohn, S. (1999, March). Conexiones: New approaches to technology and diversity in education. Arizona Council for Exceptional Children, Tucson, AZ.
- Wasklewicz, A., DiGangi, S., Jannasch-Pennell, A., & Collins, C. (1999, March). Transitioning into the new millennium. Arizona Council for Exceptional Children, Tucson, AZ.
- Jannasch-Pennell A., DiGangi, S. (1999, February). Impact of instructional grouping on navigation and student learning in a web-based learning environment. Meeting of American Educational Communications and Technology, Houston, TX.
- Yu, C. H., Winograd, D., DiGangi, S., Wasson, B., Jannasch-Pennell, A. & Andrews, S. (1999, February). Using web-enabled databases for online instruction. Annual Meeting of American Educational Communications and Technology, Houston, TX.
- Andrews, S., Winograd, D., DiGangi, S., Jannasch-Pennell, A., & Yu C. H. (1999, February). Designing on-line instruction using multidisciplinary approaches. Annual Meeting for American Educational Communications and Technology, Houston, TX.
- Yu, C. H., Winograd, D., Andrews, S., DiGangi, S. & Jannasch-Pennell, A. (1998, August). Visualizing collinearity, VIF, and orthogonalization in subject space. Joint Statistical Meeting of American Statistical Association, Dallas, TX.
- Yu, C. H., Andrews, S., Winograd, D., Jannasch-Pennell, A. & DiGangi, S. (1998, August). Visualizing factor analysis in variable space and subject space. Joint Statistical Meeting of American Statistical Association, Dallas, TX.
- DiGangi, S.A., Jannasch-Pennell, A., Ohlund, B. (1998, June) The use of virtual collaboration and technology training to enhance the teaching practices of preservice and inservice educators. Association for the Advancement of Computing in Education, ED-MEDIA. Freiburg, Germany,
- Eagleton, M. B., Ohlund, B.J., DiGangi, S. A, and Jannasch-Pennell, A. K. (1998) "Eruditio: A statewide example of educational collaboration". Teaching and Technology Conference, Tuscon, AZ.
- Andrews, S., Yu, C. H., Winograd, D., & Jannasch-Pennell, A. (1998, March). Animated biplot for factor analysis in hyperspace. Western Statistics Teacher Conference, Colorado Springs, CO.
- DiGangi, S., Jannasch-Pennell, A. (1998, March). Designing and evaluating innovative distributed learning environments. Microcomputers in Education Conference, Tempe, AZ
- Irvine, S.E., Jannasch-Pennell, A.J., and DiGangi, S.A. (1998, February). Technology Meets Learning Theory: Practicing What We Preach. The Stop Surfing-Start Teaching National Conference, Myrtle Beach, SC.
- Jannasch-Pennell, A., DiGangi, S., Ohlund, B. (1998, January). Technology training within objectivistic versus constructivistic instructional environments. Conference of the Technology and Media Division of the Council for Exceptional Children, Atlanta, GA.
- Ohlund, B., DiGangi, S., Jannasch-Pennell, A. (1998, January). Objectivism versus constructivism paradigms in technology training. Conference of the Technology and Media Division of the Council for Exceptional Children, Atlanta, GA.

- DiGangi, S., Jannasch-Pennell, A., Ohlund, B. (1998, January). Virtual collaboration. Conference of the Technology and Media Division of the Council for Exceptional Children, Atlanta, GA.
- Jannasch-Pennell, A., Ohlund, B., DiGangi, S. (1998, January). Integration of content area and technology to enhance preservice and inservice educator training. Conference of the Technology and Media Division of the Council for Exceptional Children, Atlanta, GA.
- McLoone, B., DiGangi, S., Ohlund, B., & Jannasch-Pennell, A. (1997, November). Knowledge acquisition, collaboration skills and technology use in contrasting instructional environments. Teacher Education Division of the Council for Exceptional Children, Savannah, GA.
- Ohlund, B., McLoone, B., DiGangi, S., & Jannasch-Pennell, A. (1997, November). Educators' views on knowledge acquisition of technology: Objectivism to constructivism. Teacher Education Division of the Council for Exceptional Children, Savannah, GA.
- Jannasch-Pennell, A., DiGangi, S., Irvine, S., & Ohlund, B. (1997, November). The Eruditio Project: An initiative to provide 430 Arizona educators with on-line internet training. The World Conference of the WWW, Internet, and Intranet, Toronto, Canada.
- DiGangi, S., Jannasch-Pennell, A., Gunn, C., & Ohlund, B. (1997, November). The use of technology within the context of curriculum development and collaboration. Demonstration session at the International Society for Technology in Education, Austin, TX.
- Jannasch-Pennell, A., Andrews, S., DiGangi, S. A. (1997, June). Technology and the Arts. American Association for Higher Education, Tempe, Arizona.
- DiGangi, S. A. & Jannasch-Pennell, A. K. (1997, May). Constructing environments for the enhancement of scientific modeling and visualization. ASU Investigates: Modeling, Visualization, and Imaging, Tempe, AZ.
- McLoone, B., Jannasch-Pennell, A., DiGangi, S., & Ohlund, B. (1997, June). Controlling your destiny: A study of the impact of learner control on student performance in an on-line learning environment. The World Conference on Educational Multimedia and Hypermedia and World Conference on Educational Telecommunications, Calgary, Canada.
- Irvine, S. E., Jannasch-Pennell, A. J., and DiGangi, S. A. (1997, March) Internet technology in teacher education: A seminar series. 17th Annual meeting of the American Education Research Association, Chicago, IL.
- DiGangi, S. A., Jannasch-Pennell, A. K., (1997, March) A long, long time ago in a galaxy far, far away.... Microcomputers in Education Conference, Tempe, AZ.
- Jannasch-Pennell, A.K., DiGangi, S. A., McLoone, B., Irvine, S. E., & Ohlund, B. J. (1997, April). The World Wide Web as an interactive and instructionally adaptive learning environment. The 75th annual International Council for Exceptional Children Convention, Salt Lake City, Utah.
- DiGangi, S. A., Jannasch-Pennell, A. K., & Lidtka, T. L. (1996, October). ASPIN: Arizona EarthVision. The College Board National Forum, New York City, NY.
- DiGangi, S. A. & Jannasch-Pennell, A. K. (1996, September). Using the internet as an instructional tool: Applications and examples. Fall Meeting of Arizona Family and Consumer Sciences Education, Phoenix, AZ.
- DiGangi, S. A & Jannasch-Pennell A. K., (1996, July), Elements of Effective Technology Integration. Teaching, Learning and Technology Roundtable. American Association of Higher Education, Tempe, AZ.
- Jannasch-Pennell, A. K., DiGangi, S. A., & McLoone, B. (1996, June) Navigation in a collaborative-consultative, hypermediated, networked-based environment. The Association for the Advancement of Computing in Education Conference, Portland, MA.

- Jannasch-Pennell, A. K., DiGangi, S. A., Irvine, S. E., & Quinn, M. E. (1996, April) Effects of cooperative computer-mediated instruction on internet navigation strategies. The 16th Annual meeting of the American Educational Research Association, New York, NY.
- Jannasch-Pennell, A. K., Pukys, K., DiGangi, S. A., Irvine, S. E., & McLoone, B. B. (1996, March) Factors influencing Student Decision Making in a Computer-Mediated Environment. The 74th annual International Council for Exceptional Children Convention, Orlando, FL.
- DiGangi, S.A. & Jannasch-Pennell, A. K. (1996, March) Intelligent Technology Infusion, Microcomputers in Education Conference, Tempe, AZ.
- DiGangi, S. A. & Jannasch-Pennell, A. K. (1996, February). Arizona earthVision Teams. Arizona State University's Environmental Agenda, Tempe, AZ.
- DiGangi, S.A. & Jannasch-Pennell, A.K (1996, June) Navigation in a collaborative-consultative, hypermediated, networked-based environment. Association for the Advancement of Computing in Education, Charlottesville, VA
- Jannasch-Pennell, A. K. & DiGangi, S. A. (1995, November). The Impact of instructional grouping & presentation format on internet navigational choices. Annual meeting of the Arizona Educational Research Organization, Sedona, AZ.
- DiGangi, S. A. & Jannasch-Pennell, A. K. (1995, November). Teacher's validation of student social skills. The Nineteenth Annual National Teacher Educators of Children with Behavioral Disorders Conference, Tempe, AZ.
- Zucker, S. H., DiGangi, S. A., Irvine, S. E., & Jannasch-Pennell, A. K. (1995, October). Preparing special educators for the future: Integrating technology in teacher preparation. Council for Children with Behavior Disorders, International Conference on Children and Youth with Behavioral Disorders, Dallas, TX.
- Quinn, M. E., Mathur, S., & Jannasch-Pennell, A. K. (1995, April). Teaching social skills to at-risk elementary students: A cooperative learning approach. The 73rd Annual Meeting of the International Council for Exceptional Children, Indianapolis, IN.
- DiGangi, S. A. & Jannasch-Pennell, A. K. (1995, March). Educational connectivity: Beyond the metaphorical information superhighway. Keynote Speakers, Fifteenth Annual Microcomputers in Education Conference, Tempe, AZ.
- Quinn, M. E. & Jannasch-Pennell, A. K. (1995, March). Applications of cooperative learning strategies in teaching social skills to emotionally and behaviorally disturbed students in regular class rooms. The 30th Annual Conference of the Association of New York State Educators of the Emotionally Disturbed, Rochester, NY.
- Jannasch, A. K. & DiGangi, S. A. (1995, January). Conexiones/Connections: A Technology-based approach to developing literacy in migrant students. The Semi-Annual Meeting of the AEJMC Scholastic Journalism Division, Phoenix, AZ.
- DiGangi, S. A., Irvine, S. E., & Jannasch, A. K. (1994, April). The role of technology in education: A serious case of the emperor's new clothes. The 72nd Annual Meeting of the Council for Exceptional Children, Denver, CO.
- Quinn, M. E. & Jannasch, A. J. (1994, February). Aggression and anger replacement for primary school students. A workshop at the ASU/City of Phoenix Conference on Reducing and Preventing School Violence, Phoenix, AZ.

Publications

- Yu, C. H., Jannasch-Pennell, A. & DiGangi, S. (1999). Opportunities and options for Web-enabled databases: Comparing and choosing the right software for virtual courses and communities. International Journal of Educational Technology.

- Ohlund, B., Jannasch-Pennell, A., DiGangi, S., Andrews, S., & Yu, C. H. (1999). An analysis of internet-based communications and collaboration among K-12 educators. Proceedings of Ed-Media 99—World Conference on Educational Multimedia, Hypermedia and Telecommunications.
- Andrews, S., Winograd, D., DiGangi, S., Jannasch-Pennell, A., & Yu C. H. (1999). Designing on-line instruction using multidisciplinary approaches. Proceedings of 1999 Annual Meeting of Association for Educational Communications and Technology.
- Yu, C. H., Winograd, D., Andrews, S., DiGangi, S. & Jannasch-Pennell, A. (1998). Visualizing collinearity, variance inflation factor, and orthogonalization in subject space. Proceedings of 1998 American Statistical Association Convention. Alexandria, VA: ASA.
- Yu, C. H., Andrews, S., Winograd, D., Jannasch-Pennell, A. & DiGangi, S. (1998). Visualizing factor analysis in variable space and subject space. Proceedings of 1998 American Statistical Association Convention. Alexandria, VA: ASA.
- Yu, C. H., DiGangi, S., Jannasch-Pennell, A., & Wasson, B. (1998). Using On-line interactive statistics for evaluating Web-based instruction, Journal of Educational Media International, 35, 157-161.
- Quinn, M. E., Jannasch-Pennell, A. K., & Rutherford, R. B. (1996). Using peers as social skills training agents for students with antisocial behavior: A cooperative learning approach. Preventing School Failure. 39, 26-31.

University Service/ Committees/ Projects

Asynchronous Learning Faculty Grants – advisor to funding board and recipients

Member of University Academic Computing Advising Committee

Faculty Workload Project

Sponsored lab at AAHE Teaching, Learning & Technology Roundtable, 3rd Annual TLTR Summer Institute. Phoenix, AZ.

Reviewer of presentations and workshops presented to Faculty and community members (i.e, ASPIN, Eruditio, 1etc)

Reviewer of *Current Issues in Education*, an interactive scholarly journal from Arizona State University and the College of Education.