

Curriculum Vitae

Samuel A. DiGangi, Ph.D., BCBA-D

Arizona State University
 Tempe, Arizona
 1050 S. Forest Mall
 Tempe, AZ 85287-1811
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Educational Background:

Ph.D., Special Education

Dissertation: Visual Analysis of Data: The Effect of
 Applied Behavior Analysis Training on Teacher Decision-Making
 Arizona State University

May 1990

M.Ed., Special Education

Cross-categorical teacher certification
 Arizona State University

August 1988

B.S., Psychology

University of Pittsburgh

Dec 1985

Professional Experience:

Associate Professor

Program Coordinator, Applied Behavior Analysis

Division of Education Leadership and Innovation
 Mary Lou Fulton Teachers College
 Arizona State University

1994-present

2014-present

Associate Vice President

University Technology Office
 Arizona State University

2006-2011

Assistant Vice Provost

Digital Media and Instructional Technologies
 Information Technology
 Arizona State University

2004-2006

Assistant Professor

Special Education Program
 Arizona State University

1990-1994

Director

1987-1994

Special Education Evaluation Clinic
Arizona State University

Grants and Sponsored Projects:

West Bank Preservice Teacher Education Activity

Principal Investigator

2017-2022

IREX, United States Agency for International Development (USAID)

\$4,972,535

India Support for Teacher Education Program (In-STEP)

2013-2016 (Principal Investigator – USAID Chief of Party - 2015-2016)

United States Association for International Development (USAID)

\$4,300,000

Integrated Data to Enhance Arizona's Learning

Principal Investigator

2005 - 2011

Arizona Department of Education

\$5,000,000

Positive Behavior Intervention Supports in Arizona

Co-Principal Investigator

2005 - 2011

Arizona Department of Education

\$450,000

Behavior Education Research and Technology

Co-Principal Investigator

2010 - 2011

American Recovery and Reinvestment Act

\$450,000

Arab Grid for Learning

Principal Investigator

2008 - 2011

Cambridge University Press

\$1,175,000

Conexiones: Enhancing Education Through Technology

Co-Principal Investigator

2005 - 2011

Migrant Child Education Program, Arizona Department of Education
\$998,000

A dual-university program to prepare professors in emotional and behavioral disorders.

Co-Principal Investigator.
Office of Special Education Programs,
Leadership Preparation Grant
2004 – 2010
\$799,580

Arizona Behavioral Initiative

Co-Principal Investigator
Arizona Department of Education
2000 - 2005
\$750,000

Select Papers Presented at Professional Meetings

- Boutot, E.A. & DiGangi, S.A. (2018, Jan.). *Application of evidence-based practices to infants and toddlers with developmental disabilities*, 19th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Clearwater, FL.
- Boutot, E.A. & DiGangi, S.A. (2017, Nov.). *Development and implementation of an applied behavior analysis program for infants with Down syndrome*, 9th International Conference of the Association for Behavior Analysts International, Paris, France.
- Boutot, E.A. & DiGangi, S.A. (2017, Nov.). *Effects of low dose applied behavior analysis therapy for a toddler with autism using mother as co-therapist*, 9th International Conference of the Association for Behavior Analysts International, Paris, France.
- Boutot, E.A. & DiGangi, S.A. (2017, Nov.). *Using play-based discrete trials to teach infants, toddlers, and preschoolers with autism and developmental disabilities*, 9th International Conference of the Association for Behavior Analysts International, Paris, France.
- DiGangi, S. A. & Boutot, E. A. (2017, May). *Using Contingent Reinforcement to Increase Purposeful Vocalizations Plus Eye Contact In Infants With Down Syndrome*. Presented at the 43rd Annual Applied Behavior Analysis International (ABAI) Conference. Denver, CO.

- Boutot, E. A., & DiGangi, S. A. (2017, May). *Application of the Play and Language (PAL) Program for Early Autism Intervention*. Presented at the 43rd Annual Applied Behavior Analysis International (ABAI) Conference. Denver, CO.
- Boutot, E. A., Turner, K.S., & DiGangi, S. A. (2017, Jan.). *State of Autism Services in Costa Rica*. Presented at the 11th Annual Autism Conference - Applied Behavior Analysis International (ABAI). San Juan, PR.
- Boutot, E.A., DiGangi, S.A., & Lorah, E. (2016, May) *Play-based ABA: Efficacy of play as a conduit for learning in two year olds with autism*, 42nd Annual Convention of the Association for Behavior Analysts International, Chicago, IL.
- Zucker, S. H., & DiGangi, S. A. (2016, Jan.). *Research in autism and developmental disabilities*. 17th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Honolulu, HI.
- Boutot, E. A., DiGangi, S. A., Travers, J.C. (2016, Jan.) *How to train and supervise your paraprofessionals and therapists in evidence-based practices*, 17th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Honolulu, HI.
- Zucker, S. H. & DiGangi, S. A. (2016, April). *Current research in autism and developmental disabilities*. Ninety-fourth Annual Meeting of the International Council for Exceptional Children, St. Louis, MO.
- Boutot, E. A., DiGangi, S. A. (2016, April). *Respecting The Dignity of Childhood: A Rationale for Using Play-Based Approaches with Young Children with Autism*, Keynote Address, Early Intervention International Congress, Eskisehir, Turkey.
- Boutot, E.A., DiGangi, S.A., & Lorah, E. (2016, May) *Play-based ABA: Efficacy of play as a conduit for learning in two year olds with autism*, 42nd Annual Convention of the Association for Behavior Analysts International, Chicago, IL.
- Travers, J.C., DiGangi, S.A. & Boutot, E.A. (2015, Jan.). *You've finished the FBA, now what? Ethical considerations in behavioral intervention plan development*. Featured presentation at the 16th International Conference on Autism, Developmental Disabilities, and Intellectual Disability, Clearwater Beach, FL.
- Boutot, E.A., Whitby, P.J.S., DiGangi, S.A., & Travers, J.C. (2015, Jan.). *Sexuality education for individuals with autism: Curriculum and strategies*

- for culturally competent practice*. Paper presented at the 16th International Conference on Autism, Developmental Disabilities, and Intellectual Disability, Clearwater Beach, FL.
- Boutot, E.A, DiGangi, S.A., Turner, K., Trejos Barris, L.N., (2015, April). *Autism services in Costa Rica: Barriers and limitations to availability and access*. 1st Autism Congresso, San Juan, Costa Rica.
- Boutot, E.A. & DiGangi, S.A. (2015, September). *Using Play as a Conduit for Learning: Teaching Very Young Children with Autism To and Through Play*. Presentation at the 8th International Conference of the Association for Behavior Analysts, International, Kyoto, Japan.
- DiGangi, S. A., Boutot, E. A. (2015, Oct.). *Ethical dilemmas: Solutions and strategies*. Thirty-eighth Annual Conference of Teacher Educators for Children with Behavioral Disorders, Tempe, AZ.
- DiGangi, S. A., Boutot, E. A., Travers, J. C. (2014, Jan.). Ethical treatment of challenging behavior: History and current best practice. Presented at the 15th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Clearwater Beach, FL.
- Zucker, S. H., & DiGangi, S. A. (2014, Jan.). Current research in autism and developmental disabilities. Presented at the 15th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Clearwater Beach, FL.
- Boutot, E.A. , DiGangi, S.A., Whitby, P.S., & Travers, J. (2014, Jan.). Attitudes, beliefs, and practices regarding sexuality education for their pre- and in-service teachers: A survey of university faculty. Presented at the 15th International Conference on Autism, Intellectual Disability, & Developmental Disabilities: Research to Practice. Clearwater Beach, FL
- McCoy, K. M., Westlake, G., DiGangi, S. A., & Zucker, S. H. (2014, Jan.). Utilizing exploratory data analysis to build a knowledge base for anxiety reduction in post-secondary settings for individuals with ASD. Presented at the 15th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Clearwater Beach, FL.
- Boutot, E.A. & DiGangi, S.A. (2014, April). Development and use of the play and language program for early autism intervention. Presented at the International Congress on Early Childhood Intervention, Antalya, Turkey.
- Boutot, E.A. & DiGangi, S.A. (2014, April). Teaching a toddler with autism using play-based ABA and parents as co-therapist. Presented at the International Congress on Early Childhood Intervention, Antalya, Turkey.

- Boutot, E. A., & DiGangi, S. A. (2014, May). Play-Based ABA Using Mother as Co therapist: Pilot Data on 4.5 Hours per Week of Therapy. Presented at the 40th Annual Applied Behavior Analysis International (ABAI) Conference. Chicago, IL.
- Boutot, E. A. & DiGangi, S.A. (2014, Nov.). Ethical considerations in the treatment and consultation of challenging behavior. Presented at the 38th Annual Conference of Teacher Educators for Children with Behavioral Disorders, Tempe, AZ.
- DiGangi, S., Zucker, S. H. (2013, Jan.). *Supports for students with moderate to severe disabilities in a community summer camp: positive behavior interventions and supports*. Paper presented at the 14th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Kona, HI.
- DiGangi, S., Zucker, S. H., Jannasch-Pennell, A. (2012, Jan.). *Family-school collaboration: Schoolwide positive behavior interventions and supports (PBIS) for students with developmental disabilities*. Paper presented at the 13th International Conference on Autism, Intellectual Disability & Other Developmental Disabilities, Miami, FL.
- Boutot, E.A., Travers, J., Whitby, P., & DiGangi, S.A. (2012, April). *Sexuality education and students with autism and other developmental disabilities: Curriculum and strategies for classroom teachers*. Paper presented at the Council for Exceptional Children International Conference, Denver, CO.
- Flores, Y., Jannasch-Pennell, A., DiGangi, S. (2009, April). *Developing a Classwide System of Positive Behavioral Interventions and Supports*. Paper presented at the Council for Exceptional Children Annual Convention. Seattle WA.
- DiGangi, S., Flores, Y., Jannasch-Pennell, A., (2008, April). *The administrator's role in schoolwide PBIS*. Paper presented at the Council for Exceptional Children Annual Convention, Boston, MA.
- DiGangi, S., Sullivan, A., Jannasch-Pennell, A., & Flores, Y. (2008, April). *The effects of SWPBIS on the office discipline referrals of students with disabilities*. Paper presented at the Council for Exceptional Children Annual Convention, Boston, MA.
- DiGangi, S., Flores, Y., Sullivan, A., (2008, March). *Reducing suspensions for general and special education students: The impact of SWPBIS*. Paper presented at the American Educational Research Association Annual Meeting, New York, NY.

- Sullivan, A., Flores, Y., DiGangi, S., & Jannasch-Pennell, A. (2008, February). *Examining the academic and behavioral impact of school-wide PBIS*. Paper presentation at the annual conference of the National Association of School Psychologists, New Orleans, LA.
- Sullivan, A., Long, L., DiGangi, S., & Jannasch-Pennell, A. (2007, November). *Behavior support for all students: Developing a classwide system of PBIS*. Paper presented at the Teacher Educators for Children with Behavior Disorders, Tempe, AZ.
- DiGangi, S. (2007, October). *A global perspective to training quality teachers*. Keynote presentation for the International Conference on Technology and Educational Innovation, Monterrey, Mexico.
- Sullivan, A., Flores, Y., DiGangi, S., & Jannasch-Pennell, A. (2007, April). *School-family collaboration in school-wide positive behavior interventions and supports*. Paper accepted for presentation at the Council for Exceptional Children Annual Convention, Louisville, KY.
- DiGangi, S.A., Jannasch-Pennell, A.K., Flores, Y., & Zucker, S. (2007, February). *Role of school-family collaboration in school-wide positive behavior interventions and supports for students with developmental disabilities*. Paper presented at the 10th International Division on Developmental Disabilities Conference, Kona, Hawaii
- Sullivan, A., Flores, Y., DiGangi, S.A., & Jannasch-Pennell, A.K. (2006, November). *Reducing Suspensions through School-wide Positive Behavioral Support*. 30th Annual Teacher Educators for Children with Behavior Disorders National Conference, Tempe, AZ
- Rutherford, R. B., Bimrose, J., Kimerer, K., Maclauchlan, S., DiGangi, S.A., & Lamb, E. (2006). *Arizona State University Central American student teaching initiatives*. Conference of the Association of the American Schools of Central America, Colombia, Caribbean, and Mexico, Bogotá, Colombia.
- Flores, Y., Jannasch-Pennell, A.K., & DiGangi, S.A. (2006, June). *Positive Behavioral Interventions and Supports: Including all students for learning*. Arizona WINS with Inclusive Schools, Phoenix, Arizona.
- Flores, Y., DiGangi, S.A., & Jannasch-Pennell, A.K. (2005, Fall). *Behavioral Interventions and Supports: Providing Teachers Information through an Online Course*. Paper presented at the Council for Exceptional Children Teacher Education Division, Albuquerque, New Mexico.

- DiGangi, S.A. (2005, July). *Unifying Preparation, Research, Practice, and Policy: Improving Results for Children with Disabilities*. Poster session presented at the 2005 OSEP Project Directors' Conference, Washington, D.C.
- Flores, Y., DiGangi, S.A., & Jannasch-Pennell, A.K. (2005, Spring). *Positive Behavioral Interventions and Supports on the School Bus*. National Association of School Psychologists, Atlanta, Georgia.
- Pukys, K., Jannasch-Pennell, A. K., DiGangi, S. A., & Podrazik, M. (2004, February). *School-wide Positive Behavioral Support: An Update of the Arizona Behavioral Initiative*. Presentation prepared for the Arizona Council for Exceptional Children Annual Conference, Phoenix, AZ.
- Liaupsin, C. J., Umbreit, J., Podrazik, M., DiGangi, S.A., Jannasch-Pennell, A.K., Pukys, K., Davidson, D., & Oakes, J. (2003, November). *The Arizona Behavioral Initiative : A unique to statewide implementation of school-wide PBS*. Presentation Prepared for the National Conference on Severe Behavior Disorders of Children and Youth Conference, Tempe, AZ.
- Flores, Y., DiGangi, S.A., Jannasch-Pennell, A.K. (2003, Summer). *School-wide Positive Behavioral Support and the Arizona Behavioral Initiative*. Paper presented at the Links Conference, Tucson, Arizona.
- Pukys, K., DiGangi, S. A., & Jannasch-Pennell, A. K. (2003, February). *Fostering inclusive environments through school-wide positive behavioral supports*. Poster session presented at the Council for Exceptional Children, Division on Developmental Disabilities Conference, Kauai, HI.
- DiGangi, S. A., Jannasch-Pennell, A. K., Dellamarggio, J., & Pukys, K. (2002, April). *Behavior support teams: Working together to improve learning outcomes for all students*. A paper presented at the annual Council for Exceptional Children convention, New York City, NY.
- Liaupsin, C., DiGangi, S. A., Jannasch-Pennell, A. K., Pukys, K., McVey, M., & Mitchell, R. (2002, March). *Web-based data collection to improve school-wide discipline*. Paper presented at the annual Microcomputers in Education Conference, Tempe, AZ.
- Pukys, K., DiGangi, S. A., & Jannasch-Pennell, A. K. (2001, October). *The Arizona Behavioral Initiative: A learner-centered project aimed at achieving disciplined school environments*. Paper presented at the Council for Children with Behavioral Disorders Conference, Atlanta, GA.
- Pukys, K., DiGangi, S. A., & Jannasch-Pennell, A. K. (2001, February). *The Arizona Behavioral Initiative: Learner-centered education project to achieve safe school environments*. Paper presented at the Council for

- Exceptional Children's annual conference, Phoenix, AZ.
- DiGangi, S. A., Nelson, J. R., Ohlund, B., Jannasch-Pennell, A. K., & Pukys, K. (2001, January). *The Arizona Behavioral Initiative: A professional development program to achieve safe school environments*. Paper presented at the TAM 2001: A Technology Odyssey, Albuquerque, NM.
- Opitz, C., DiGangi, S. A., Jannasch-Pennell, A. K., Pukys, K., & Davidson, D. (2000, November). *The Arizona Behavioral Initiative: Achieving safe school environments through learner-centered approaches*. Paper presented at the Teacher Educators for Children with Behavioral Disorders Conference, Scottsdale, AZ.
- Pukys, K., DiGangi, S. A., Jannasch-Pennell, A. K., Opitz, C., & Ohlund, B. (2000, October). *The Arizona Behavioral Initiative: A professional development program to achieve safe school environments*. Paper presented at Arizona Educational Research Organization Conference, Tucson, AZ.
- DiGangi, S. A., & Jannasch-Pennell, A. K. (1995, November). *Teacher's validation of student social skills*. Presentation for the nineteenth annual National Teacher Educators of Children with Behavioral Disorders Conference, Tempe, AZ.
- DiGangi, S. A., & Lewis, T. (1994, April). *Promising trends in assessing academic and social behavior among at-risk students*. The 14th annual meeting of the American Educational Research Association, New Orleans, LA.
- DiGangi, S. A., Zucker, S. H., & Prieto, A. G. (1994, March). *Functional assessment of academic performance in bilingual and ESL programs*. The 26th annual National Convention of the National Association of School Psychologists, Seattle, WA.
- DiGangi, S. A., & Lewis, T. (1994, February). *Intervention strategies for students with behavioral problems*. Paper presented at The Oregon Conference, Eugene, OR.
- Lewis, T., & DiGangi, S. A. (1993, February). *Developing school-wide social skill programs*. Paper presented at The Oregon Conference: A Community of Ideas, Eugene, OR.
- DiGangi, S. A., & Rutherford, R. B. (1993, January). *Effective and efficient use of assessment data in correctional education*. Bridging professional perspectives: The third annual National Conference on Educating

- Adjudicated, Incarcerated, and At-risk Youth Conference, Palm Springs, CA.
- DiGangi, S. A., & Lewis, T. (1992, November). *Designing effective social skills programs*. The 16th annual National Teacher Educators of Children with Behavioral Disorders Conference, Tempe, AZ.
- DiGangi, S. A., Faykus, S. P., Jaeb, B., Hammond, D., & Rutherford, R. B. (1992, May). *The effect of applied behavioral analysis training on teachers' assessment of change in student behavior*. Annual Convention of the Association for Behavior Analysis, San Francisco, CA.
- DiGangi, S. A. (1992, April). *Assessment of teacher decision-making: Implications for behavioral programming*. The 70th annual International Council for Exceptional Children Convention, Baltimore, MD.
- Faykus, S. P., Herlache, L. R., & DiGangi, S. A. (1992, March). *Enhancing social problem-solving: Assessment of a school-wide conflict resolution training program*. The 24th annual Convention of the National Association of School Psychologists, Nashville, TN.
- DiGangi, S. A., Faykus, S. P., Chipman, J. L., & Rutherford, R. B. (1991, November). *Effects of applied behavior analysis training on teacher decision-making*. 25th annual Conference of the Association for Advancement of Behavior Therapy, New York City, NY.
- DiGangi, S. A., & Rutherford, R. B. (1991, November). *Teaching students with behavioral disorders: Myths and facts*. The 15th annual National Teacher Educators of Children with Behavioral Disorders Conference, Tempe, AZ.
- DiGangi, S. A., Faykus, S. P., & Rutherford, R. B. (1991, August). *Applied behavior analysis training and teacher decision-making*. Annual Convention of the American Psychological Association, San Francisco, CA.
- DiGangi, S. A., Rutherford, R. B., Chipman, J. C., Faykus, S. A., & Howell, K. A. (1991, April). *Self-management skills: Classroom applications*. The 69th annual International Council for Exceptional Children Convention, Atlanta, GA.
- Howell, K. W., & DiGangi, S. A. (1991, November). *Functional assessment in the juvenile justice system*. Council for Exceptional Children Topical Conference: Children on the Edge, New Orleans, LA.
- DiGangi, S. A., Rutherford, R. B., Chipman, J. C., Faykus, S. A., & Howell, K. A. (1991, April). *Self-management skills: Classroom applications*. The 69th

- annual International Council for Exceptional Children Convention, Atlanta, GA.
- DiGangi, S. A. (1990, November). *Self-monitoring of academic and behavioral performance*. The 14th annual National Teacher Educators of Children with Behavioral Disorders Conference, Tempe, AZ.
- DiGangi, S. A., Anderson, K. A., & Rutherford, R. B. (1990, October). *Enhancing academic performance of students with behavioral problems: Effective applications of self-monitoring procedures*. National Adolescent Conference: Programming for Adolescents with Behavioral Disorders V, Miami, FL.
- Faykus, S. P., DiGangi, S. A., & Berliner, D. C. (1990, October). *Teachers' selection of intervention strategies for adolescents with behavioral problems: Similarities and differences across level of expertise*. National Adolescent Conference: Programming for Adolescents with Behavioral Disorders V, Miami, FL.
- Rutherford, R. B., DiGangi, S. A., & Lewis, T. (1990, October). *Behavioral analysis of delinquency: Alterable vs. unalterable variables*. National Adolescent Conference: Programming for Adolescents with Behavioral Disorders V, Miami, FL.
- Spencer, D. A., DiGangi, S. A., & Berliner, D. C. (1990, October). *Adolescents at-risk: student and teacher perceptions' of safety on a high school campus*. National Adolescent Conference: Programming for Adolescents with Behavioral Disorders V, Miami, FL.
- Rutherford, R. B., Nelson, C. M., & DiGangi, S. A. (1990, July). *Issues in correctional special education*. Correctional Education Association National Conference, Vancouver, BC.
- DiGangi, S. A., Faykus, S. P., & Berliner, D. C. (1990, June). *An exploratory analysis of pedagogical knowledge and teacher decision-making*. The annual meeting of the American Psychological Society, Dallas, TX.
- Maag, J. W., DiGangi, S. A., & Rutherford, R. B. (1990, April). *Component analysis of social skill training*. The annual International Council for Exceptional Children Convention, Toronto, ON.

Publications

- Boutot, E.A., DiGangi, S.A. (in press). Effects of activation of preferred stimulus on tummy time behavior of an infant with Down syndrome. *Behavior Analysis in Practice*.

- Mathur, S.R., & DiGangi, S. (2016). Professional learning communities: A vehicle for global learning. *The Delhi University Journal of the Humanities and the Social Sciences*, 3.
- Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2011). A time-lag analysis of the relationships among PISA scores, scientific research publication, and economic performance. *Social Indicators Research*.
- Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2011). Compatibility between text mining and qualitative research in the perspectives of grounded theory, content analysis, and reliability. *Qualitative Report*, 16, 730-744. Retrieved from <http://www.nova.edu/ssss/QR/QR16-3/yu.pdf>
- Andrews, S.S., Stokrocki, M., Jannasch-Pennell, A. & DiGangi, S. (2010). The development of a personal learning environment using Second Life. *International Journal of Personal and Virtual Learning Environments*, 1(3), 36-54.
- Yu, C. H., Brewer, L., Jannasch-Pennell, A., & DiGangi, S. (2010). Adopting Web 2.0 for instruction: The effects of faculty rank and employment status. *Journal of Technology Integration in Classroom*, 2(2), 131-143.
- Yu, C. H., Jannasch-Pennell, A., DiGangi, S. & Kaprolet, C. (2010). A data mining approach for identifying predictors of student retention from sophomore to junior year. *Journal of Data Science*, 8, 307-325. Retrieved April 12, 2010 from <http://jds-online.com/>
- Yu, C. H., DiGangi, S., Jannasch-Pennell, A., & Kaprolet, C. (2009). An exploratory crossover study of learner perceptions toward use of audio in multimedia-based tutorials. *Journal of Educational Computing Research*, 40, 23-46.
- Brewer, L. C., Kilic, Z., DiGangi, A., & Jannasch-Pennell A. (2008). Examining Student Technology Ownership and Use: Generational Differences and Pedagogical Challenges. *The International Journal of Technology, Knowledge and Society*, 4(4), 129-142.
- Yu, C. H., DiGangi, S., & Jannasch-Pennell, A., & Kaprolet, C. (2008). Profiling students who take online courses using data mining methods. *Online Journal of Distance Learning Administration*, 1(2). Retrieved June 15, 2008 from <http://www.westga.edu/~distance/ojdla/summer112/yu112.html>
- Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2008). The role of abductive reasoning in cognitive-based assessment. *Elementary Education Online*, 7(2), 310-322. Retrieved June 2, 2008 from <http://ilkogretim-online.org.tr/vol7say2/v7s2m6.pdf>.

- Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2008). A non-technical approach for illustrating Item Response Theory. *Journal of Applied Testing Technology*, 9(2). Retrieved February 25, 2008 from <http://www.testpublishers.org/jattmain.htm>
- Yu, C. H., Jannasch-Pennell, A., DiGangi, S., Kim, C., & Andrews, S. (2007). A data visualization and data mining approach to response and non-response analysis in survey research. *Practical Assessment, Research and Evaluation*, 12(19). Retrieved December 20, 2007 from <http://pareonline.net/getvn.asp?v=12&n=19>
- Yu, C. H., DiGangi, S., Jannasch-Pennell, A., Stay, V., Lo, W., & Kilic, Z. (2007). Multi-sensory cognitive learning as facilitated in a multimedia tutorial for Item Response Theory. *Journal of Systemics, Cybernetics and Informatics*, 5, 13-22. Retrieved October 10, 2007 from <http://www.iiisci.org/Journal/SCI/Abstract.asp?var=&id=P649090>
- Yu, C. H., Osborn-Popp, S., DiGangi, S., & Jannasch-Pennell, A. (2007). Assessing unidimensionality: A comparison of Rasch Modeling, Parallel Analysis, and TETRAD. *Practical Assessment, Research and Evaluation*, 12(14). Retrieved October 10, 2007 from <http://pareonline.net/pdf/v12n14.pdf>
- DiGangi, S.A., Kilic, Z., Yu, C.H., Jannasch-Pennell, A.K., Long, L., Kim, C., Stay, V., Kang, S. (2007). 1 to 1 Computing in Higher Education: A Survey of Technology Practices and Needs. *Association for the Advancement of Computing in Education*, 15 (4) 367-387.
- Yu, C. H., Jannasch-Pennell, A., Stay, V., DiGangi, S., Kim, C., Long L., Lo, W. J., Kilic, Z., Kang, S., & Freeman, R. (2006). Multi-sensory cognitive learning as facilitated in a FLASH tutorial for Item Response Theory. *Proceedings of 4th International Conference on Education and Information Systems, Technologies and Applications*, Orlando, FL.
- Yu, C. H., DiGangi, S., & Jannasch-Pennell, A. (2006). Between automation and exploration: SAS graphing techniques for visualization of survey data. *Proceedings of Western Users of SAS Software Conference* [CD-ROM], Irvine, CA.
- Jannasch-Pennell, A., DiGangi, S. A., Pukys, K., & Diken, İ.H. (2006). The Arizona Behavioral Initiative: Learner centered education targeted at achieving disciplined school environments. *İlköğretim-Online*, 1, 48-51. [Online] Available: <http://ilkogretim-online.org.tr/vol1say2/v01s02ci.pdf>.

- Kilic, Z., Yu, C. H., Jannasch-Pennell, A., & DiGangi, S. (2006). Accessing our research bibliographies online: Better or just different? *Proceedings of 2006 Educause SouthWest Conference*.
- DiGangi, S. A., Jannasch, A. K., Kiley, K. M., Stafford, M. E., Diken, I. H. (2002) The Eruditio Project: Evaluation of an Internet training program for classroom teachers. *The Turkish Online Journal of Distance Education*, 3. [Online] Available: <http://tojde.anadolu.edu.tr/tojde7/articles/Eruditiotxt.html>.
- Yu, C. H., Andrews, S., Winograd, D., Jannasch-Pennell, A. K., & DiGangi, S. A. (2002). Teaching Factor Analysis in Terms of Variable Space and Subject Space Using Multimedia Visualization. *Journal of Statistical Education*, 10. [Online] Available: <http://www.amstat.org/publications/jse/v10n1/yu.html>.
- Andrews, S.S., Batarelo, I., DiGangi, S.A., Jannasch-Pennell, A. & Sharma, A. (2001). Design for Accessibility of Academic Web Resources. *Syllabus Magazine*, 30-33.
- Andrews, S., Batarelo, I., DiGangi, S., & Jannasch-Pennell, A. (2001, March). Designing for web accessibility. *Proceedings of the Technology & Persons with Disabilities Conference*.
- Ohlund, B., Yu, C.H., Jannasch-Pennell, A. K., & DiGangi, S. A. (2000). Impact of asynchronous and synchronous internet-based communication on collaboration and performance among K-12 teachers. *Journal of Educational Computing Research*, 23, 405-420.
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