

1. Academic history

- a. Kevin Michael Ayres
- b. Associate Professor
- c. Tenure Status: Tenured
- d. Administrative Title-None
- e. Graduate Faculty Appointment 2005
- f. Highest earned degree: Ph.D., Special Education
Institution: The University of Georgia
Date: 2005
- g. Academic Positions, in chronological order

Assistant Professor
Special Education, The University of Georgia 2005-2010

Adjunct Instructor
Special Education, The University of Georgia 2000-2003

Lecturer
Special Education, The University of Georgia 2003-2005

Assistant Professor
Communication Sciences and Special Education 2005-present

- h. Other Professional Employment

Classroom teacher
Autism, Gwinnett County Public Schools 2000-2002

2. Resident instruction and continuing education

a. Resident undergraduate instruction

SPED 3040: Introduction to Individuals with Disabilities
Fall 2004 n=19; Fall 2005 n=33;
Fall 2007 n=24

SPED 3050: Introduction to Classroom Behavior Management
Summer 2004 n=10

SPED 4040 & Lab: Special Education Technology
Spring 2004 n=19; Spring 2007 n=20

SPED 4050 Managing Severe Aggressive Behaviors in the School and
Community
Fall 2008 n=22, Fall 2009=22

SPED 4120 Instructional Methods for Students with Severe Disabilities
Spring 2008 n=23, Spring 2009 n=19

SPED 4440 Practicum in Special Education
Fall 2005 n=11 Fall 2007 n=2; Spring 2008 n=2 Fall 2009 n=4

b. Resident graduate instruction

SPED 7500 Advanced Special Education Technology
Summer 2005 n=8, Summer 2006 n=9, Summer 2007 n=8

SPED 7230 Advanced Applied Behavior Analysis
Spring 2007 n=9; Spring 2008 n=19; Fall 2008 n=7; Spring 2009 n=8, Fall
2009=24; Fall 2010 n=33

SPED 7240 Methods in Transition Planning
Spring 2010 n=9

SPED 7225 Curriculum and Community Based Instruction
Fall 2010 n=15

SPED 7440 Advanced Practicum in Special Education
Fall 2006 n=1; Spring 2007 n=1; Fall 2007 n=2 Fall 2009 n=6
Spring 2010 n=6

SPED 8370 Single Subject Research Design
Summer 2007 n=12; Summer 2008 n=15; Summer 2009 n=15, Summer 2010 n=
12

c. Distance learning instruction

SPED 2000 Survey of Special Education
Summer 2004 n=41

SPED 3040 Introduction to Individuals with Disabilities
Fall 2006 n=25

SPED 3050: Introduction to Classroom Behavior Management
Spring 2003 n=39

SPED 4040 & Lab: Special Education Technology
Spring 2006 Spring 2006 n=33

d. Academic Advising

- Approximately 5-7 undergraduates students per year since 2005
- Approximately 5 masters students per year since 2006. Currently advising 17 masters students and 2 doctoral students

3. Scholarly activities**a. Chapters in books (n=2)**

1. Ayres, K. M. & Gast, D. L. (2010). Measurement. In D. L. Gast (Ed.), *Single subject research in Behavioral Sciences*. NY: Routledge Publishers.
2. Ayres, K. M., Langone, J., & Douglas, K. (2009). Literacy and assistive technology supports for students with cognitive disabilities: Identification of supports and structural analysis. In L.T. Wee Hin & R. Subramaniam (Ed.) *Handbook of Research on New Media Literacy at the K-12 Level: Issues and Challenges*. Hershey, PA: Information Science Reference.

b. Monographs (n=1)

1. Ayres, K. M. & Langone, J. (2005). Evaluation of software for functional skills instruction blending best practice with technology. Reprinted in C. L. Warger, (Ed.) *Technology and Media for Access the Curriculum: Instructional supports for Students with disabilities*. Arlington, VA: Technology and Media Division of the Council for Exceptional Children.

c. Journal articles (n=22)

*publications marked with an asterisks have gone through stringent editorial review

**publications with two asterisks were invited

1. *Bell, V., Ayres, K. M., Douglas, K. H., & Cihak, D. F. (in press). The effects of computer and classroom simulations to teach students with various exceptionalities to locate apparel sizes. *Education and Training in Developmental Disabilities and Autism* (Submitted 4/10; Accepted 8/4; expected publication 9/11)
2. *Hammond, D., Whatley, A., Ayres, K. M. & Gast, D.L. (in press). Effects of video modeling to teach iPod use to Students with moderate intellectual disabilities. *Education and Training in Developmental Disabilities*. (anticipated publication 12/10/2010)
3. *Ayres, K. M, Lowery, A., Douglas, K., & Sievers, C. (in press). I can identify Saturn but I can't brush my teeth: What happens when the curricular focus for students with severe disabilities shifts. *Education and Training in Developmental Disabilities*. (Accepted 8/2009 to be published 3/2011).

4. *Ayres, K. M. & Cihak, D. F. (2010). Computer and video based simulation of food preparation skills: Acquisition, generalization and maintenance. *Intellectual and Developmental Disabilities*, 48, (3), 195-208.
5. *Cihak, D. F., Wright, R., & Ayres, K. M. (2010). The use of self-modeling static-picture prompts via a handheld computer to facilitate self-monitoring in the general education classroom. *Education and Training in Developmental Disabilities*, 45, 136-149.
6. *Cihak, D. F., Fahrenkrog, C. D., Ayres, K. M., & Smith, C. (2010). The use of video modeling via a video iPod® and a system of least prompts to improve transitional behaviors for students with autism spectrum disorders in the general education classroom. *Journal of Positive Behavior Interventions*, 12, 103-115.
7. ** Douglas, K. H., Ayres, K. M., Langone, J., Bell, V., & Meade, C. (2009). Supporting the literacy needs of learners with intellectual disabilities: The role of digital text. *Journal of Special Education Technology*, 24,
8. *Ayres, K. M., Maguire, A., & McClimon, D. (2009). Acquisition and generalization of chained tasks taught with computer based video instruction to children with autism. *Education and Training in Developmental Disabilities*, 44, 493-508.
9. *Cox, A. L. Gast, D. L., Luscre, D., & Ayres, K.M. (2009). The effects of weighted vests on appropriate in-seat behaviors of elementary-aged students with autism and severe to profound intellectual disabilities. *Focus on Autism and Developmental Disabilities*, 24, 17-26.
10. ** Ayres, K. M. & Langone, J. (2008). Video Supports for Teaching Students with Developmental Disabilities and Autism: Twenty Five Years of Research and Development, *Journal of Special Education Technology*, 23(3), 1-8.
11. *Carson, K. D., Gast, D. L., & Ayres, K. M. (2008). Effects of a photo activity schedule book on independent task changes by students with intellectual disabilities in community job sites. *European Journal of Special Needs*, 23, 269-279.
12. ** Ayres, K. M. (2008). Teaching functional behavior assessment via anchored instruction: Turning popular television into a college teaching medium. Associate Editor Column. *Journal of Special Education Technology*, 23(2), 55-55.
13. *Ayres, K. M. & Langone, J. (2007). A comparison of video-modeling perspectives for students with autism. *Journal of Special Education Technology*, 22, 15-30.

14. *Ledford, J., Gast, D. L., Luscre, D. & Ayres, K. M. (2007). Observational and incidental learning for children with autism during small group instruction. *Journal of Autism and Developmental Disabilities*, 38, 86-103.
15. *Spriggs, A. D., Gast, D. L., & Ayres, K. M. (2007). Using picture activity schedule books to increase on-schedule and on-task behaviors. *Education and Training in Developmental Disabilities*, 42, 209-223.
16. *Ayres, K. M., Langone, J., Boon, R., & Norman, A. (2006). Computer based instruction for purchasing skills. *Education and Training in Developmental Disabilities*, 41, 253-263.
17. *Ayres, K. M. & Langone, J. (2005). Using video for instruction of students with autism: A review of the literature. *Education and Training in Developmental Disabilities*, 40, 183-196.
18. *Blankenship, T., Ayres, K. M. & Langone, J. (2005). Effects of computer-based cognitive mapping on reading comprehension for students with emotional behavior disorders. *Journal of Special Education Technology*, 20, 15-24.
19. **Burke, M. D., Ayres, K. M., & Hagan-Burke, S. (2004). Preventing school-based antisocial behaviors with positive behavioral supports. *The Journal of Early and Intensive Behavioral Intervention*, 1, 66-74.
20. *Simpson, A., Langone, J., & Ayres, K. M. (2004). Embedded video and computer based instruction to improve social skills for students with autism. *Education and Training in Developmental Disabilities*, 39, 240-252.
21. *Hutcherson, K., Langone, J., Ayres, K. M. & Clees, T (2004). Computer assisted instruction to teach item selection in grocery stores: Assessment of acquisition and generalization. *Journal of Special Education Technology*, 19, 33-42.
22. *Ayres, K. M., & Langone, J. (2002). Acquisition and generalization of purchasing skills using a video enhanced computer instructional program. *Journal of Special Education Technology*, 17, 15-28.

d. Bulletins or reports

- Ayres, K. M. & Langone, J. (2005). Evaluation of software for functional skills instruction blending best practice with technology. *Technology in Action*, 1(5), 1-8.
- Douglas, K. H. & Ayres, K. M. (2009). Creating your own electronic text to support text comprehension by students with moderate to severe disabilities. *Technology in Action*, 4(1), 1-8.

e. Works submitted

Douglas, K. H., Ayres, K. M., Langone, J., & Bell, V. (in review 6/09). Pictorial graphic organizers for improving comprehension by students with intellectual disabilities using electronic text related to functional skills. *Journal of Special Education*.

Hammond, D., Whatley, A., Ayres, K. M. & Gast, D.L. (in review). Effects of video modeling to teach iPod use to Students with Autism Spectrum Disorders.

f. Creative contributions other than formal publications

Ayres, K. M., Berezna, S. & Smith, M. (2010). Assessment and Treatment of Challenging Behaviors in Children with Autism. Universidad Andina, Cuzco, Peru. Invited Presentation.

Ayres, K. M. (2005). Social Skills Instruction via Computer Based Training. Computer program designed to use video modeling to teach social skills to children with autism.

Ayres, K.M. (2004). Priming Probe. Computer program designed to experimentally present and evaluate student responses to computer mediated primes. Used in Ayres & Langone, 2007.

Ayres, K.M. (2000). Dollar Plus 2002. Computer program designed to teach students how to purchase items in a from a cashier. Used in Ayres, Langone, Boon & Norman, 2006 and in Ayres & Langone, 2002.

4. Grants Received (dates, amounts, principal investigator or co-principal investigator)**Total \$3,333,037 in external funding**

Ayres, K. M. (Principal Investigator, Director) & **Rieber, L.** (Co- principal Investigator) (2010). *iSkills: The Audio/Video Repository for Life Skills*. U. S. Department of Education. Institute of Education Science. (Grant# R324A1000094) 1,195,000 (2010-2013).

Ayres, K. M. (Principal Investigator, Director) & **Gast, D. L.** (Co-Principal Investigator) (2009). *Collaborative Adolescent Autism Teacher Training*, U.S. Department of Education, Office of Special Education Programs. Grant #H325k090243; \$792,550 (2009-2013)

Langone, J. (Co-Principal Investigator), **Ayres, K.M.** (Co-Principal Investigator, Director) & **Davis, A. B.** (2006). *National Center for the Study of*

Supported Text in Electronic Learning Environments, Department of Education, Office of Special Education Programs CFDA# 84.324R. \$72,000 (sub-contract to University of Oregon, Lynn Anderson, Principal Investigator) (2006-2010)

Ayres, K. M. (Principal Investigator). *Variables in Video Modeling*. The University of Georgia Faculty Research Grants. \$5,000 (2006-2007).

Davis, A. (Co-Principal Investigator), **Ayres, K. M.** (Co-Principal Investigator) Coordinator), Langone, J. (Principal Investigator). *SPECTRUM: Special Education Certification Training and Mentoring. Office of Innovation and Improvement, Grant# U350B040014*. Total grant award \$2,442,958 (2004-2010).

Ayres, K. M. (Co-Principal Investigator) & Campbell, J. (Co-Principal Investigator). *Improving Social Skills Using Computer-Based Intervention*. Organization on Autism Research. Total grant award: 25,529 (2005).

5. Recognitions and outstanding achievements (prizes, fellowships, etc.)

- 2009 D. Keith Osborn Award for Teaching Excellence

6. Areas in which research is conducted

My current research encompasses three areas that are all focused on improving learning outcomes for people with autism and/or intellectual disabilities. Currently I am examining ways to incorporate video modeling and video priming to improve functional and social skills for middle and high school aged students with autism. I am also engaged in work evaluating electronic reading supports for middle and high school aged students with moderate intellectual disabilities. Lastly, I am engaged more broadly in work related to the application of operant learning principles to improving classroom and community behavior of students with autism.

7. Supervision of student research

Doctoral Chair

'10 Karen Douglas Graduated Ph.D.

Master's Chair

'08 Brooke Turner Graduated M.Ed.

'08 Virginia Bell Graduated M.Ed.

'08 Bethany Ross Graduated M.Ed.

'10 Cari Duttlinger Graduated M.Ed.

'10 Courtney Sievers

'10 Meredith Nettles Graduated M.Ed

'11 Kyle Campbell

'11 Molly Smith (CAATT Fellow)

'11 Sally Bareznek (CAATT Fellow)

- '11 Katherine Taylor
- '11 Annie Reeves
- '11 Patrick Ennis (CAATT Fellow)
- '11 Mike Vernelson (CAATT Fellow)
- '11 Anna McKee (CAATT Fellow)
- '11 Sara Costello (CAATT Fellow)
- '11 Jessica Ashe (CAATT Fellow)
- '11 Kiel Zanone (CAATT Fellow)
- '11 Ashley Farrington (CAATT Fellow)
- '11 Nicole Gogolinski (CAATT Fellow)
- '12 Madeline Smith (CAATT Fellow)
- '12 Alexis Zabetakis, (CAATT Fellow)

*CAATT Fellows are students funded through Ayres & Gast's 2009 Collaborative Adolescent Autism Teacher Training grant.

8. Editorship or editorial board member of journals or other learned publications

2009 Ad Hoc reviewer for *Remedial and Special Education*

2008 Guest Co-Editor of a special issue of *Journal of Special Education Technology* topic of video and autism and developmental disabilities.

2005-present Editorial Board of *Journal of Special Education Technology*

2006- Ad Hoc reviewer for *Remedial and Special Education*

2006- Ad Hoc Reviewer for *Research in Special Educational Needs*

9. Convention papers

**/ ^Ayres, K. M. (2010). Estrategias de intervencion conductual para ninos con autismo (Strategies of intervention for children with autism). *Congresso Internacional de Transnos del Neurodesarrollo y Paralisis Cerebral*. Cuzco, Peru.

** Ayres, K. M. & Mechling, L. (2010) Video technology applications for adolescents with autism and developmental disabilities. *Annual Conference of the Council for Exceptional Children, Nashville, TN*. Presented as part of an invited strand of presentations on ASD.

**Ayres, K. M., Campbell, J., Hammond, D., & Muething, C. (March, 2010). Current research from the UGA Autism Consortium. *Georgia Chapter of the Autism Society of America, 3rd Annual Conference*. Norcross, GA

- Hammond, D., Whatley, A., Ayres, K. M. & Gast, D.L. (2010). Effects of video modeling to teach iPod use to Students with moderate intellectual disabilities. *12th International Conference on Autism, Intellectual Disabilities and Other Developmental Disabilities*. Maui, HI (poster)
- Douglas, K. H. & Ayres, K. M. (April, 2009) Graphic organizers as a comprehension support for functional literacy. *Annual Conference of the Council for Exceptional Children*. Seattle, WA.
- Douglas, K. H. & Ayres, K. M. (October, 2008) Navigational, translational, for students with moderate cognitive disabilities. *11th International Conference on Cognitive Disabilities/Mental Retardation, Autism, & Other Developmental Disabilities*, San Diego, CA.
- Douglas, K. H. & Ayres, K. M. (October, 2008) Promoting literacy through supported electronic text for students with moderate cognitive disabilities. *Closing the Gap*, Minneapolis, MN.
- **/^Ayres, K. M. (2008) Video y Tecnología para apoyar la Instrucción de Habilidades Funcionales . Invited presentation at *Centro Ann Sullivan Peru*.
- *Ayres, K. M. (2008) Video-based instruction of functional skills for students with autism. *Annual Conference of the Council for Exceptional Children*. Boston, MA.
- Ayres, K. M., Bevill-Davis, A. & Hamilton-Jones, B. (2007). Helping Schools to Grow their own: Supporting Para-professionals Becoming Teachers. *Annual Conference of the Teacher Education Division of CEC*. Milwaukee, WI
- Ayres, K. M. Bevill-Davis, A. & Langone, J. (2007) Old Wine in New Bottles: Distance Education Teacher Preparation. *Annual Conference of The Council for Exceptional Children*. San Diego, CA.
- **Ayres, K. M. & Langone, J. (2006). Achieving Universal Design through Assistive Technology. Invited presentation to The Department of Defense Education Activity. Washington, D.C.
- Bevill-Davis, A., Ayres, K. M., & Langone, J. (2005) The Meaning of No Significant Differences in Comparing On-line and On-campus Courses. *Annual Conference of the Teacher Education Division of CEC*. Portland, ME
- Ayres, K.M., Bevill-Davis, A., & Langone, J. (2005) Technology, Teacher Education and Barriers to Distance Education. *Annual Conference of the Teacher Education Division of CEC*. Portland, ME
- Langone, J., Ayres, K. M. & Bevill-Davis, A. (2004). Applications of Assistive

Technology for Individuals with Mental Retardation: Integrating Content and Skills into a Graduate Level Teacher Preparation Program. *Annual Conference of the Teacher Education Division of CEC*. Albuquerque, NM

*Ayres, K.M. & Langone, J. (2004). Teaching dollar plus via computer mediated instruction. *Annual Conference of The Technology and Media Division of CEC*. Albuquerque, NM

Ayres, K.M. & Langone, J. (2004). Evaluation of functional skills training software in relation to best practices in special education. *Annual Conference of The Technology and Media Division of CEC*

Ayres, K.M. & Boon, R. (2004). Integration of functional skills training software into classroom instruction. *Annual Conference for the State of Georgia Council for Exceptional Children*.

Boon, R. & Ayres, K.M. (2004). Using cognitive mapping software to increase retention of content area text for high school students with high incidence disabilities. *Annual Conference for the State of Georgia Council for Exceptional Children*.

Note: mark with an asterisk those which have a published counterpart; mark with a double asterisk those papers which were invited presentations. Those marked with a ^ are international presentations.

10. Public services performed:

- 2009-2011 Member-at-Large (Membership Chairperson) for the Technology and Media Division of the Council for Exceptional Children
- 2006-2007 Consultant for Paulding County Public Schools intellectual disabilities program
- 2006-2007 Consultant for Gwinnett County Public Schools intellectual disabilities program
- 2006-2007 Led training programs on assistive technology for the Department of Defense Division of Education Activity (k-12 schools on military bases)

11. Other services

- 2003-2004 Coordinator for the Special Education program at the Gwinnett University Center
- 2005- Present College of Education Faculty Senate
- 2005-2007 College of Education Undergraduate Appeals Committee
- 2005-Present Faculty Advisor to the University of Georgia Triathlon Team

- 2005-2006 Chair of Ad-Hoc Special Education Appeals Committee
- 2007 College of Education International Action Committee
- 2007 Chair- Communication Sciences and Special Education-Academic Professional Search Committee
- 2007 Communication Sciences and Special Education-Assistant Professor Search Committee
- 2008 Reviewed a grant proposal for the Israeli Science Foundation
- 2008 Chair- College of Education Senate Ad hoc Committee on Senate website
- 2008- present Faculty Advisor for Building Friendship Frontiers (social tutoring group for students with autism)
- 2009 Reviewed research grant for the Israeli Science Foundation
- 2009 Vice president of the Board of Directors for Hope Springs Eternal, community residence for adults with autism