

Vita
(Grant Version 9/10)

Name: **David L. Gast, Ph.D.**
Address: **Professor, Special Education**
Department of Communication Sciences and Special Education
College of Education
University of Georgia
Athens, Georgia 30602-7153
(706) 542-5069
FAX (706) 542-5348
E-Mail: dlgast@uga.edu

Professional Preparation and Experience

Professional Preparation

Ph.D., University of Kansas
June 1975
Majors: Child Development and Child Psychology (HDFL)
Emphasis: Applied Behavior Analysis, Severe Developmental Disabilities

Experience (1989-2010)

1990 – Present Professor, Department of Special Education, University of Georgia, Athens, Georgia
2006 – Present Director, Study Abroad in Ireland, Cork, Ireland
2002 – Present Principal Investigator and Director, Collaborative Personnel Preparation in Autism Project (H325K060203 and H325A0200080). Washington, D.C.: Office of Special Education and Rehabilitation Services
1991 - 2004 Coordinator of Graduate Studies, Department of Special Education, University of Georgia
1995 - 2005 Director, Study Abroad in Peru, University of Georgia, Athens, Georgia.
1994 - 1998 P.I., Systematic Instruction of Persons with Profound Disabilities Project (H023C40115). U.S. Dept. Education.
1994 - 2000 P.I., Developmental and Behavior Disabilities Project (H029B40130). U.S. Dept. Education
1991 - 1994 P.I., Developmental and Behavior Disabilities Personnel Preparation Project (H029B10007). U.S. Dept. Education.
1989 - 1992 P.I., Safe Activities in Future Environments (Field-Initiated Research, Grant No. H023C90128 and H023C00124). U.S. Dept. Education

Refereed Journal Publications (2006-2010)

Southall, C. and **Gast**, D.L. (in press). Self-management procedures: a comparison across the autism spectrum. *Education and Training in Autism and Developmental Disabilities*.
Hammond, D., Whatley, A., Ayres, K., and **Gast**, D.L. (in press). Effectiveness of video modeling to teach iPod use to students with moderate intellectual disabilities. *Education and Training in Autism and Developmental Disabilities*.
Lewis, E., Ledford, J., Elam, K., Wolery, M. and **Gast**, D.L.. (in press). Using small group instruction to teach children with autism spectrum disorders in early childhood classes. *Young Exceptional Children*.
Mechling, L., **Gast**, D.L., & Seid, N. (in press). Evaluation of a personal digital assistant as a self-prompting device for increasing multi-step task completion by students with moderate intellectual disabilities. *Education and Training in Autism and Developmental Disabilities*.
Hammond, D. & **Gast**, D.L. (2010). Descriptive analysis of single subject research designs: 1983-2007. *Education and Training in Autism and Developmental Disabilities*.

- Dorminy, K., Luscre, D., & **Gast**, D.L. (2009). Teaching organizational skills to children with high functioning autism and Asperger's Syndrome. *Education and Training in Autism and Developmental Disabilities*.
- Mechling, L., **Gast**, D.L., & Seid, N. (2009). Using a personal digital assistant to increase independent task completion by students on the autism spectrum. *Journal of Autism and Developmental Disorders*, 39, 10, 14-24
- Whatley, A., **Gast**, D.L., & Hammond, D. (2009). Visual activity schedules: Teaching independent transitioning during recreation and leisure. *Therapeutic Recreation Journal*, XLIII, 27-42.
- Cox, A., **Gast**, D.L., Luscre, D. & Ayres, K. (2009). Effects of weighted vests on appropriate in-seat behaviors of elementary –aged children with autism and severe to profound intellectual disabilities. *Focus on Autism and Other Developmental Disabilities*, 24, 17-26.
- Mechling, L., **Gast**, D.L., & Gustafson, M. (2009). Use of video modeling to teach extinguishing of cooking related fires to young adults with moderate intellectual disabilities. *Education and Training in Developmental Disabilities*, 44, 67-79.
- Mechling, L., **Gast**, D.L. & Fields, E. (2008) Evaluation of a portable DVD player as a self-prompting device to teach cooking tasks to young adults with moderate intellectual disabilities. *Journal of Special Education*.
- Carson, K., **Gast**, D.L. & Ayres, K. (2008). Effects of photo activity schedule activity book on independent task changes by students with intellectual disabilities in community and school job sites. *European Journal of Special Education*, 23, 269-279.
- Mechling, L., **Gast**, D.L., & Thompson, K. (2008). Comparison of the effects of SMART Board technology and flash card instruction on sight word recognition and observational learning. *Journal of Special Education Technology*, 23, 34-46.
- Ledford, J., **Gast**, D.L., Luscre, D., & Ayres, K. (2008). Observational and incidental learning by children with autism during small group instruction. *Journal of Autism and Developmental Disorders*, 38, 86-103.
- Mechling, L., **Gast**, D.L., & Kupa, K. (2007). Impact of SMART Board Technology: An investigation of sight word reading and observational learning. *Journal of Autism and Developmental Disorders*, 37, 1869-1882.
- Spriggs, A., **Gast**, D.L., & Ayres, K. (2007). Using picture activity schedule books to increase on-schedule and on-task behaviors. *Education and Training in Developmental Disabilities*, 42, 209-223.
- Ledford, J. & **Gast**, D.L. (2006). Feeding problems in children with autism spectrum disorders: A review. *Focus on Autism and Other Developmental Disabilities*, 21, 153-166.
- Mechling, L., **Gast**, D.L., & Cronin, B. (2006). The effects of presenting high preference items, paired with choice, via computer-based video programming on task completion of students with autism. *Focus on Autism and Other Developmental Disabilities*, 21, 7-13.

Books

- Gast**, D. L. (Ed) (2010). *Single subject research methodology in behavioral sciences*. New York: Routledge Publishers. (Note: first author on 9 chapters, second author on 3 chapters; total 14 chapters in the book; chapters listed if following section)

Chapters in Gast, D.L.(2010)

- Gast**, D.L., Applied research in education and behavioral sciences.
- Gast**, D.L., Scientific research in educational and clinical settings.
- Mechling, L. & **Gast**, D.L., Ethical principles and practices.
- Gast**, D.L., General factors in measurement and evaluation.
- Gast**, D.L., Replication.
- Ayres, K. & **Gast**, D.L., Dependent measures and measurement procedures.
- Spriggs, A. & **Gast**, D.L., Visual representation of data.
- Gast**, D.L. & Spriggs, A., Visual analysis of graphic data.
- Gast**, D.L. & Hammond, D., Withdrawal and reversal designs.
- Gast**, D.L. & Ledford, J., Multiple baseline and multiple probe designs
- Wolery, M., **Gast**, D.L. & Hammond, D., Comparative intervention designs
- Gast**, D.L. & Ledford, J., Variations of multiple baseline designs and combination designs.

Tawney, J. & **Gast**, D.L. (1984). *Single Subject Research in Special Education*. Columbus, OH, Charles Merrill.

Grants Funded (2004-2009)

Ayres, K. (Principal Investigator) and **Gast**, D.L. (Co-Principal Investigator). Collaborative Adolescent Autism Teacher Training Project. U.S. Department of Education, Office of Special Education Programs, Grant No. H325K----- (2009-2013) Total grant award \$798, 992.

Gast, D. L. (Principal Investigator and Co-Director) and Luscre, D. (Co-Director). Collaborative Personnel Preparation in Autism (COPPA Project). U.S. Department of Education, Office of Special Education Programs, Grant No. H325K060203 (2007-2011) Total grant award \$793,023.

Gast, D. L. (Principal Investigator and Co-Director) and Luscre, D. (Co-Director). U.S. Department of Education, Office of Special Collaborative Personnel Preparation in Autism (COPPA Project). U.S. Department of Education, Office of Special Education Programs, Grant No. H325A0200080 (2003-2006) Total grant award \$894,021.

Editorial Consultant Activities

Consulting Editor, *Education and Training in Developmental Disabilities* (ETDD) 1983-present.

Consulting Editor, *Focus on Autism and Other Developmental Disabilities*, 2004-present.

Consulting Editor, *Teacher Education and Special Education*, Journal of the Council for Exceptional Children, Teacher Education Division, 1998-present

Consulting Editor, *Journal of Behavioral Education*, 1990 – 2004

Invited Guest Reviewer, *Exceptional Children*, 2010

Invited Guest Reviewer, *Journal of Autism and Developmental Disorders*, 2001 - present.

Invited Guest Reviewer, *Exceptional Children*, 2007.

Invited Guest Reviewer, *Remedial and Special Education*, 2007.