

**VITA**  
**Alan M. Hofmeister**  
November 2006

**PLACE AND DATE OF BIRTH:** Springsure, Queensland, Australia (9/26/39)

**CITIZENSHIP:** United States of America

**DEGREES AND PROFESSIONAL QUALIFICATIONS:**

Teachers' College Certificate, Queensland Teachers' College (Major: Elementary Education), 1958

Diploma of Physical Education, University of Queensland, 1961

Bachelor of Education, Queensland University (Majors: Psychology, Educational Research), 1965

Master of Science, with honors, University of Oregon (Majors: Corrective Physical Education, Special Education), 1967

Ph.D., with Honors, University of Oregon (Major: Special Education), 1969

**PROFESSIONAL EXPERIENCE:**

Elementary and secondary school teaching, Queensland, Australia (5 years)

Consultant in motor training to residential schools for the retarded, blind, and deaf (2 years)

Clinical experience, Schonell Center, Queensland, Australia, DeBusk Center, Eugene, Oregon

Instructor (part-time 1964-65), University of Queensland

Supervisor, Adult Training and Rehabilitation Program, Pearl Buck Center for the Retarded, Eugene, Oregon (1968-69)

Visiting Lecturer, Teachers' College, Columbia University (Summer 1973, 1974, 1975)

Professor, Utah State University (1969-Present)

Director, Special Education Instructional Technology Project, Exceptional Child Center, Utah State University (1971-75)

Consultant in Program Development, Government of Guam (Sabbatical Leave, 1975-76)

Director, Outreach and Development Division, Exceptional Child Center, Utah State University (1976-1981)

Head, Department of Special Education, Utah State University (1979-80)

Dean, School of Graduate Studies (1980-1983)

Associate Vice President for Research, Utah State University (1980-1984)

Director, Artificial Intelligence Research and Development Unit, Utah State University (1984-2006)

Director, Division of Technology and Center of Excellence in Technology, Center for Persons with Disabilities, Utah State University (1987-2006)

**PROFESSIONAL AFFILIATIONS:**

Council for Exceptional Children  
Phi Delta Kappa  
American Educational Research Association  
The Association for the Severely Handicapped  
Sigma Xi  
American Association for the Advancement of Science

## **PUBLICATIONS, JOURNAL ARTICLES, AND TECHNICAL PAPERS:**

- (1969). Motor proficiency and other variables in educable mentally retarded children. *American Journal of Mental Deficiency*, 74, 264-268.
- (1969). Academic skills with the trainable mentally retarded. *Selected Convention Papers 47<sup>th</sup> International CEC Convention*. Washington, DC: Council for Exceptional Children.
- (1969). Programmed reading with the severely retarded. *A Field Evaluation*, Northwest Regional Special Education Instructional Materials Centers.
- (1969). Selecting and modifying programmed materials. *Teaching Exceptional Children*, 2, 38-42.
- (1969). Educational trends and special education. *The Slow Learning Child* 16(2) 267-272.
- (1970). Predicting academic achievement with TMRs. *American Journal of Mental Deficiency*, 75(1), 105-107.
- (1970). Book review: Preventing failure in the primary grades. *The Slow Learning Child*, 17(2), 125-127.
- (1970). Training researchers in mental retardation. *CEC Teacher Education Division Newsletter*, 7(1), 12-18.
- (1971). Programmed instruction revisited: Implications for educating the retarded. *Education and Training of the Mentally Retarded*, 6(4), 172-176.
- (1972). (with Latham, G.) Development and validation of a mediated package for training parents of preschool mentally retarded children. *Improving Human Performance: A Research Quarterly*, 1(1), 3-7.
- (1973). *Instructional technology training program in special education*. (Final Report). Logan, UT: Utah State University. (ERIC Document Reproduction Service No. ED 100 076).
- (1973). Audio-tutorial programming with exceptional children. *Educational Technology*, 13(12), 50-52.
- (1973). Let's get it write! *Teaching Exceptional Children*, 6(1), 30-33.
- (1973). (with Latham, G.) A mediated training program for parents of the preschool mentally retarded. *Exceptional Children*, 39(6), 272-273.
- (1974). (with Reavis, K.) Packages for parent involvement. *Educational Technology*, 14(7), 55-56.
- (1974). (with Stowitschek, J.) Effects of minicourse instruction on teacher performance and pupil achievement. *Exceptional Children*, 40(7), 490-495.
- (1974). Critique: Texas sensori-motor training project. *The Slow Learning Child*, 12(3), 178-184.
- (1975). (with Crutcher, C.) Effective use of objectives and monitoring. *Teaching*

*Exceptional Children*, 7(3), 78-79.

(1975). (with Stowitschek, J.). Parent training packages. *Children Today*, 4(2), 23-25.

(1976). (with Atkinson, C. M.) *The TELEPAC Project: A service delivery model for the severely handicapped in rural areas*. Logan, UT: Utah State University. (ERIC Document Reproduction Service No. ED 122-549).

(1977). (with LeFevre, D.) Time is of the essence. *Teaching Exceptional Children*, 9(3), 82-83.

(1977). *The parent is a teacher*. Paper presented at the Utah State University 56<sup>th</sup> Faculty Honor Lecture, Logan, UT: Abstracted in *Resources in Education*, 1979. (ERIC Document Reproduction Service No. ED 161-541.)

(1978). (with Gallery, M. E.) Instructional technology applied to the needs of the aging and developmentally disabled. *Journal of Special Education Technology*, 1(1), 46-50.

(1978). (with Gallery, M. E.) *Parental involvement in special education: Rights and responsibilities*. Chicago: The National Easter Seal Society for Crippled Children and Adults.

(1978). (with Boehmer, D.) The effect of a monitoring system on the math achievement of the educable mentally retarded. *Journal of Special Education Technology*, 11(1), 13-17.

(1978). (with Gallery, M. E.) A method for assessing the treatment validity of tests in special education. *The Exceptional Child*, 25(2), 105-113.

(1978). (with Latham, G., & Gallery, M. E.) Combating regression: An educational approach to the needs of the aging and aged developmentally disabled. *Proceedings: A Conference on Developmental Disabilities and Gerontology*. Ann Arbor, MI: University of Michigan.

(1979). Testing and treatment validity. *Journal of Learning Disabilities*, 12(3), 72-75.

(1981). (with Thorkildsen, R.) Videodisc technology and the preparation of special education teachers. *Teacher Education and Special Education*, 4(3), 34-39.

(1981). (with Whitney, R. M.) MONITOR: A computer-based management information system for special education. *Association for Educational Data Systems '81 Convention Proceedings*, 279-294.

(1981). (with Jeppesen, M. K., & Whitney, R.) *The computerization of grant-related information*. Paper presented at the Meeting of the National Council of University Research Administrators, Salt Lake City, UT.

(1981). An audio-visual media review: Drap the Drog. *Educational Technology*, 21(11), 48-49.

(1982). *The videodisc and educational research*. Paper presented at the Annual Meeting of the American Educational Research Association, New York City. Abstracted in *Resources in Education*. (ERIC Document Reproduction Service No. 236218.)

(1982). *Microcomputer applications for monitoring and management: Present and future*. Paper presented at the Council for Exceptional Children's 60<sup>th</sup> Anniversary Annual International Convention, Houston, TX.

(1982). Microcomputers in perspective. *Exceptional Children*, 49(2), 115-121.

- (1982). Product Review: Peabody Language Development Kits. *Educational Technology*, 22(11), 47-48.
- (1983). (with Thorkildsen, R.) *The application of videodisc technology to the diagnosis of math skills*. Paper presented at the Annual Meeting of the American Educational Research Association, Montreal. Abstracted in *Resources in Education*. (ERIC Document Reproduction Service No. ED 237-317).
- (1983). (with Whitney, R. A.) Management of special education compliance information: The MONITOR system. *AEDS Monitor*, 21(9-10), 12-18.
- (1983). Products and drives. *MicroMarket Examiner*, 1(3), 1, 3.
- (1983). The microcomputer driven printer. *MicroMarket Examiner*, 1(4), 1, 3.
- (1983). Computer-assisted instruction. *MicroMarket Examiner*, 1(7), 1-2.
- (1983). Computer literacy curricula and products. *MicroMarket Examiner*, 1(9), 7.
- (1983). The special educator in the information age. *The Proceedings of the National Conference On the Use of Microcomputers in Special Education*. Paper presented at the National Conference on the Use of Microcomputers in Special Education, Hartford, CT. Abstracted in *Resources in Education and Exceptional Child Education Resources*. (ERIC Document Reproduction Service No. ED 232 348).
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- (1984). (with Thorkildsen, R.) Microcomputers in special education: Implications for instructional design. *Exceptional Education Quarterly*, 4(4), 1-8.
- (1984). (with Thorkildsen, R.) Interactive video authoring of instruction for the mentally handicapped. *Exceptional Education Quarterly*, 4(4), 57-73.
- (1984). (with Friedman, S.) Matching technology to content and learners: A case study. *Exceptional Children*, 51(2), 26-31.
- (1984). Rehabilitation in the information age. In L. G. Perlman & G. Austin (Eds.), *Technology and rehabilitation of disabled persons in the information age* (pp. 87-97). A Report of the Eighth Mary E. Switzer Memorial Seminar. Alexandria, VA: National Rehabilitation Association.
- (1984). *Technological tools for rural education*. Las Cruces, NM: ERIC Clearinghouse on Rural Education and Small Schools.
- (1984). *State policy issues and models for the preparation and certification of educational personnel to use computers effectively in schools*, (Contract No. P-83-0088). Washington, DC: National Institute of Education.
- (1984). The interactive videodisc: Definite signs of growth. *MicroMarket Examiner*, 2(3), 1.
- (1984). Interactive videodisc technology: CED challenger laser. *MicroMarket Examiner*, 2(4), 7.
- (1984). Artificial Intelligence: A developing market. *MicroMarket Examiner*, 2(5), 2.
- (1984). The special educator in the information age. *Peabody Journal of Education*, 61(1), 5-21.
- (1985). (with Engelmann, S., & Carnine, D.) Videodisc-based course for the high school mainstream. *Third Annual Conference on Interactive Instruction Delivery in*

*Education, Training, and Job Performance*. Orlando, FL: Society for Applied Learning Technology.

(1985). (with Engelmann, S., & Carnine, D.) *Designing videodisc based courseware for the high school*. Paper presented at the American Educational Research Association, 1985 Annual Meeting, Chicago.

(1986). (with Ferrara, J.) Expert systems and special education. *Exceptional Children*, 53(3), 235-239.

(1986). (with Lubke, M.) Expert systems: Implications for the diagnosis and treatment of learning disabilities. *Learning Disabilities Quarterly*, 9(2), 133-137.

(1986). (with Engelmann, S., & Carnine, D.) Videodisc technology: Providing instructional alternatives. *Journal of Special Education Technology*, VII(3), 35-41.

(1986). (with Engelmann, S., & Carnine, D.) Observations from the development and field testing of an instructional videodisc program. *Journal of Special Education Technology*, VII(3), 43-46.

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(1986, November). (with Engelmann, S., & Carnine, D.) Videodisc technology: Providing the teacher with alternatives. *Counterpoint*, 7(20), 17-18.

(1986). (with Carnine, D., Engelmann, S., & Kelley, B.) Videodisc instruction in fractions. *Focus on Learning Problems in Mathematics*, 9(1), 31-52.

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(1987). Research in effective teaching and integration. In P. Long (Eds.), *The continuing challenge: Special Education Effective Integration (Selected papers from the Australian Association of Special Education 12<sup>th</sup> National Conference (pp. 10-12)* Melbourne, Australia: Red Devil Printworks.

(1988). (with Martindale, E.) An expert system for on-site instructional advice. *Educational Technology*, 28(7), 18-23.

(1988, March). Decision enhancement for counter-disaster personnel. *The Macedon Digest*, 3(1), 4-5.

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(1989). (with Engelmann, S., & Carnine, D.) Developing and validating science education videodiscs. *Journal of Research in Science Teaching*, 26(8), 665-677.

(1989). Teaching with videodiscs. *Exceptional Children*, 21(3), 52-54.

- (1989). Teaching problem-solving skills with technology. *Educational Technology*, 29(9), 26-29.
- (1989). *Technology and Teacher Enhancement: A Videodisc Alternative*. (Research Rep.) Logan, UT: Utah State University, Center for Persons with Disabilities.
- (1989). (with Thorkildsen, R.) A case study in hardware obsessions. *Journal of Special Education Technology*, 10(2), 73-79.
- (1990). Individual differences and the form and function of instruction. *The Journal of Special Education*, 24(2), 150-159.
- (1991). Expert systems and decision support in special education: Results and promises. *Educational Technology*, 31(10), 23-28.
- (1991). *Paraprofessionals in special education: Alternatives to casteism*. Paper presented at the Mountain Plains Regional Resource Center Advisory Committee Meeting, Kansas City, MO.
- (1991). *Technology and the field-based training of paraprofessionals*. Paper presented at the 11<sup>th</sup> Annual Conference on the Training and Employment of Paraprofessionals in Education and Related Services for Children and Adults with Special Needs, Kansas City, MO.
- (1992). (with Bateman, B., Lindsley, O., Schaefer, E., & Travers, S.) *Academic child abuse*. Eugene, OR: International Institute for Advocacy for School Children.
- (1992). (with Menlove, M., & Thorkildsen, R.) Learner diversity and instructional video: Implications for instructional developers. *Educational Technology*, 32(17), 13-16.
- (1992). (with Elwell, C., & Reeve, K.) Captioning instructional video. *Educational Technology*, 27(8), 45-50.
- (1993). Paraprofessionals in special education: Alternatives to casteism. *The Utah Special Educator*, 13(3), 1-4.
- (1993). Elitism and reform in school mathematics. *Remedial and Special Education*, 14(6), 8-13.
- (1993). Innovativeness is not a synonym for effectiveness. *Remedial and Special Education*, 14(6), 33-34.
- (1994). (with Carnine, D., & Clark, R.) *A blueprint for action: Technology, media, and materials*. Washington, DC: American Association for the Advancement of Science, Project 2061.
- (1994). (with Althouse, R. B., Likins, M., Morgan, D. P., Jenson, W. R., & Rollins, E.) *SMH.PAL: Expert system for identifying treatment procedures for students with severe disabilities*. (Final Report, Grant #H180B90017). Washington, DC: U.S. Department of Education, Office of Special Education and Rehabilitative Services.
- (1994). (with Althouse, R. B., Likins, M., Morgan, D. P., Ferrara, J. M., Jenson, W. R., & Rollins, E.) *SMH.PAL: An expert system for identifying treatment procedures for students with severe disabilities*. *Exceptional Children*, 61(2), 174-181.
- (1994). (with Ashbaker, B., & Roberts, R.) The efficacy of Utah's child serving system working with seriously emotionally disturbed children. *CPD News*, 17(4), 1, 4-6.
- (1996). (with Slocum, T.) Accelerated Student Achievement Project. *CPD News*, 19(2), 1-3.
- (1997). (with Morgan, J.) Staff development curricula for the paraeducator: Observations from the research. *Case In Point, Council of Administrators of Special*

*Education, A Division of the Council for Exceptional Children, X(2), 37-41.*

(1997). (with Lignugaris/Kraft, B., Findlay, P., Major, J., & Gilberts, G.) The association between a home reading program and kindergarten children's early reading skills. *Journal of Direct Instruction, 1(2), 117-136.* Portions of this paper were presented at the Pacific Coast Research Conference, February 1997. Paper presented at the 5<sup>th</sup> Annual Pacific Coast Research Conference, LaJolla, CA.

(1998). Ensuring success for all through validated practices. *The Utah Special Educator, 18(6), 5-7.*

(1998). Adaption of captioning: Standards for digital video technologies. In R. Orkwis, J. DeCarme, & J. Glover (Eds.) *Technology and Media Services.* Washington, DC: U. S. Department of Education, Office of Special Education Programs, Research to Practice Division.

(1998). The Core Science Programs: Dissemination and Effective Implementation. In R. Orkwis, J. DeCarme, & J. Glover (Eds.) *Research, Innovation, and Evaluation.* Washington, DC: U.S. Department of Education, Office of Special Education Programs, Research to Practice Division.

(1999). Reading independence for all learners: Strategies for the elementary school. *The Utah Special Educator, 19(3), 16-17.*

(1999). *Keys to successful learning.* Paper presented to National Summit on Research in Learning Disabilities. Washington, DC: National Center for Learning Disabilities.

(1999). (with Reavis, H. K., Battalio, R., Osher, D., Rhode, G., & Jenson, W.) If you build it, they will come: A nontraditional approach for systems change. *Reading Today's Youth, 3(4), 15-17.*

(1999, November). *Accountability and Special Education Leadership.* Paper presented at the meeting of the Utah Special Education Consortium, Salt Lake City, UT.

(2000). Strategies for Effective Academic Instruction: What is an Instructional Program? (Guest Editorial). *The Utah Special Educator, 20(4), 4-5.*

(2003). Education reform in mathematics: A history ignored? *Journal of Direct Instruction, (Nov 26, 2003).*

(2003). *The Cibecue Community School Project: A Report on the Design, Implementation, and Results from Year 1.* Paper Presented to Annual Meeting, Bureau of Indian Affairs, Office of Indian Education Programs National Meeting, Denver, CO.

(2003). *The Cibecue Community School Project: A Report on the Design, Implementation, and Results from Year 1.* Keynote speaker, Mountain Plains Resource Center, Center for Persons with Disabilities, Annual Meeting, Bureau of Indian Affairs, Office of Indian Education Programs Meeting, Rapid City, SD.

(2003, September). Essential components and conditions for effective reading instruction. *The Utah Special Educator, vol(no), pp.*

(2003, September). The Special Educator and Reading First. *The Utah Special Educator, vol(no), pp..*

(2003). Reading for all Learners Program: Documentation of Federally Required, "Scientifically Based Reading Research" Evidence. *BIA Reading First Grant Proposal,* Logan, UT: Utah State University, Center for Persons with Disabilities..

(2004). Cibecue: The teacher's perspective. *The Utah Special Educator, 24(6),*

12-13.

(2004). *Technology and Educational Equity*. Akron, OH: University of Ohio.

(2004). What works for students at risk of academic failure? *The Utah Special Educator*, 24(5), 12-13.

(2005). Preventing and treating adolescent reading failure. *The Utah Special Educator*, 26(2), 10-13.

(2006, May). Zig Engelmann: A passion for "What Works." *The Utah Special Educator*, 26(5), 10-11.

**BOOKS, BOOK CHAPTERS, REPORTS AND INSTRUCTIONAL MATERIALS:**

(1975). Integrating criterion testing and instruction. In W. Hively and M. Reynold (Eds.), *Domain-referenced testing in special education*. Reston, VA: Council for Exceptional Children.

(1975). (with Atkinson, C.) *Tutorial series packages: Number skills*. Chicago, IL: SRA Publications.

(1975). (with Hofmeister, J., & Atkinson, C.) *Tutorial series package: Programmed time telling*. Chicago, IL: SRA Publications.

(1975). (with Landeen, J., & Rosen, T.) *Tutorial series packages: Math combinations*. Chicago, IL: SRA Publications.

(1975). (with Patten, M., & Rosen, T.) *Tutorial series package: Sounds-symbols and blending*. Chicago, IL: SRA Publications.

(1975). (with Patten, M.) *Tutorial series package: Word endings*. Chicago, IL: SRA Publications.

(1975). (with Rosen, T.) *Tutorial series package: Carrying and borrowing*. Chicago, IL: SRA Publications.

(1975). (with Rosen, T., & Landeen, J.) *Tutorial series package: Functional decoding and vocabulary building*. Chicago, IL: SRA Publications.

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(1976). Educational research and development. In P. J. Verhoven and J. E. Goldstein (Eds.), *Leisure activity participating and handicapped populations: An assessment of research needs*. Arlington, VA: National Recreation and Parks Association.

(1977). *Educating the mildly handicapped child*. Logan, UT: Utah State University.

(1977). (with Gallery, M.) *A program for teaching the independent use of zippers, buttons, shoes and socks*. Chicago, IL: Developmental Learning Materials.

(1977). (with Gallery, M.) *A program for teaching the recognition of functional words*. Chicago, IL: Developmental Learning Materials.

(1977). (with Gallery, M.) *Teaching the retention of important oral phases and numbers*. Chicago, IL: Developmental Learning Materials.

(1977). (with Atkinson, C., & Henderson, H.) *When a child misbehaves*. Chicago, IL: Developmental Learning Materials. Also printed in paperback and titled: *What do I do now?* Niles, IL: Argus Communications.

(1977). (with Hofmeister, J.) *A program for teaching independent dressing skills*.

- Chicago, IL: Developmental Learning Materials.
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- (1978). *Matching sizes, shapes and colors*. Logan, UT: Utah State University.
- (1979). What directions should research take in developing educational programs for the severely handicapped. In R. Heinich & S. C. Ashcroft (Eds.), *Educating all handicapped children*. Englewood Cliffs, NJ: Educational Technology Publications.
- (1980). Technology in special education. In Lester Mann & D. A. Sabatino (Eds.), *Fourth review of special education*. NY: Grune-Stratton.
- (1980). Supporting the handicapped and their families in rural areas. In J. A. Stark (Ed.), *Family resources systems, the Nebraska model*. Omaha, NE: University of Nebraska Medical Center.
- (1981). (with Preston, C. N.) Educational assessment of special education populations. In T. Oakland (Eds.), *Nonbiased assessment*. Minneapolis, MN: University of Minnesota.
- (1981). (with Stowitschek, C. E., & Stowitschek, J. J.) *Teacher guide: DLM handwriting program—manuscript/cursive*. Niles, IL: Developmental Learning Materials.
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- (1982). *DLM handwriting (cursive kit)*. Niles, IL: Developmental Learning Materials.
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- (1983). *DLM spelling demons*. Niles, IL: Developmental Learning Materials.
- (1984). (with Maggs, A.) *Microcomputer applications in education and training*. Sydney, Australia: Holt, Rinehart & Winston.
- (1984). *Instructor's manual to microcomputer applications in the classroom*. NY: Holt, Rinehart & Winston.
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- (1990). (with Lubke, M.) *Research into practice: Implementing effective teaching strategies*. Boston, MA: Allyn & Bacon.
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- (1991). *(With Thorkildsen, R.) Interactive videodisc and exceptional individuals.* In J. Lindsey (Eds.). *Computers and exceptional individuals.* Austin, TX: PRO-ED.
- (1992). *Multimedia overview: An educator's perspective.* In *Stimulate Learning with DVI Multimedia* (pp. 4-6). Atlanta, GA: International Business Machines Corporation.
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- (2002). *Reading for All Learners Program (Revised), 150 Little Reading Books, includes Instructor's Black Line Masters.* Logan, UT: Utah State University, Center for Persons with Disabilities.
- (2003). *The Cibecue Community School Project: Year 1.* (Research Rep). Logan, UT: Utah State University, Center for Persons with Disabilities.
- (2003). *Decoding for All Ages (2<sup>nd</sup> Ed.), includes Teacher's Manual,* Logan, UT: Utah State University, Center for Persons with Disabilities.
- (2004). *Fluency Builders Program, includes Teacher's Manual,* Logan, UT: Utah State University, Center for Persons with Disabilities.
- (2004). *Phonemic Awareness Program, includes Teacher's Manual,* Logan, UT: Utah State University, Center for Persons with Disabilities.
- (2006). *When a Child Misbehaves (4<sup>th</sup> Ed.),* Logan, UT: Academic Success for All Learners.

#### **COMPUTER, VIDEODISC, SOFTWARE and CD-ROM and INTERNET PRODUCTS:**

- (1984). *(with Stowitschek, C., Hofmeister, J., & Stowitschek, J. J.) Instruction and Management System (IMS): Mathematics* [Computer program]. Logan, UT: Utah State University.
- (1984). *CLASS.LD: An expert system for classifying learning disabilities.* [Computer program for the IBM PC]. Logan, UT: Utah State University.
- (1986). *(with Engelmann, S., & Carnine, D.) Mastering Fractions, Core Concepts in Science and Mathematics* [Videodisc program]. Washington, DC: Systems Impact Inc.
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- (1986) *(with Engelmann, S., & Carnine, D.) Mastering Ratios and Word Problem Strategies. Core Concepts in Science and Mathematics* [Videodisc program]. Washington, DC: Systems Impact Inc.
- (1987). *(with Hofmeister, J.) Instruction and Management System (IMS): Punctuation and Capitalization* [Computer program]. Logan, UT: Utah State University.
- (1987). *(with Engelmann, S., & Carnine, D.) Understanding Chemistry and Energy. Core Concepts in Science and Mathematics* [Videodisc program]. Washington, DC: Systems Impact Inc.
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- (1992). *Mad Math* [Videodisc program aired by the Learning Channel]. Washington, DC: The Discovery Channel, Learning 2000.
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- (1994). (with Allard, K.) *Problem Solving with Addition and Subtraction* [Videodisc program]. Washington, DC: Learning 2000.
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- (1995). (with Allard, K., Maughan, R., Spendlove, D., & Larson, L) *Elementary Earth Science* [Videodisc program]. Washington, DC: Learning 2000.
- (1995). (with Ashbaker, B. Y, & Morgan, J.) *The Effective Educator. (A print and videotape staff development training program)*. Partially funded by U.S. Department of Education Project #H029K20019-93. Logan, UT: Utah State University, Center for Persons with Disabilities.
- (1996-00). *Reading For All Learners. (A 150-Book Reading program)*. Logan, UT: Utah State University, Center for Persons with Disabilities.
- (1996). (with Doyle, P., Blair, M., & Maiden, P.) *Every Parent is a Teacher. (A videotape program)*. Logan, UT: Utah State University, Center for Persons with Disabilities.
- (1997). (with Parlin, M. A., & Miller, J.) *The Parent Is A Teacher.* [Web Program].
- (1997-98). *Earth Science For All Learners. (A 30-videotape, multimedia, captioned program)*. Logan, UT: Utah State University, Center for Persons with Disabilities.
- (1997-98). (with Likins, M., Jenson, B., Morgan, D., & Althouse, B.) *LRBI (Least*

*Restrictive Behavior Interventions. (A videotape, multimedia program).* Salt Lake City, UT: Utah State Office of Education, Services for Students At Risk. Logan, UT: Utah State University, Center for Persons with Disabilities.

(1999). (with Jenson, W. R., Likins, M., Althouse, R. B., Morgan, D.P., Taylor, M., Rhode, G., & Reavis, H.K) *Functional Assessment and Intervention Program (FAIP) Version 1.0. (A software program).* Salt Lake City, UT: Utah State Office of Education and University of Utah; Logan, UT: Utah State University.

(1999). (with Lowry, W.) *Reading Tutors Program: River Heights School. [A Videotape program].* Logan, UT: Utah State University, Center for Persons with Disabilities.

(1999). (with Johnson, J.) *Reading Time. [A Videotape program].* Logan, UT: Utah State University, Center for Persons with Disabilities.

(1999). (with Johnson J.) *Every Minute Counts.* Logan, UT: Utah State University, Center for Persons with Disabilities.

(2000). *Utah State Office of Education Online Staff Development Academy [Web Program].* Salt Lake City, UT: Utah State Office of Education.

(2000). *Fundamentals of Addition, Subtraction, Multiplication, and Division [CD program].* Logan, UT: Utah State University, Center for Persons with Disabilities.

(2000). *Spelling Demons: Spelling, Vocabulary, and Writing Applications for the Middle Grades [CD program].* Logan, UT: Utah State University, Center for Persons with Disabilities.

(2000). *Decoding For All Ages (includes Instructor's Manual).* Logan, UT: Utah State University, Center for Persons with Disabilities.

(2002). *Counting Objects - One-to-one Correspondence.* Available on the Internet: <[www.iseesam.com](http://www.iseesam.com)>, Logan, UT: Utah State University, Center for Persons with Disabilities.

(2002). *Matching Sizes, Shapes, and Colors.* Available on the Internet: <[www.iseesam.com](http://www.iseesam.com)>. Logan, UT: Utah State University, Center for Persons with Disabilities.

(2003). *Spelling for All Learners, a [15-CD Program (includes Instructors blackline masters).* Logan, UT: Utah State University, Center for Persons with Disabilities.

(2005). *Effective Teaching in Small-Group Instruction [DVD].* Logan, UT: Utah State University, Center for Persons with Disabilities.

(2005). *Phonics [DVD].* Logan, UT: Utah State University, Center for Persons with Disabilities.

## **HONORS:**

(1967). Joseph P. Kennedy Foundation Fellowship

(1967). Master of Science awarded with honors, University of Oregon

(1969). Ph.D. awarded with honors, University of Oregon

Included in *Outstanding Teachers in Exceptional Education* (an international biographical index of recognized teachers in the field of exceptional children)

(1976). Awarded Ancient Order of Chammori for services in developing teacher

training programs and service delivery programs for the handicapped. This is the highest honor awarded by the Governor and Legislature of Guam.

(1978-79). President, Association for Special Education Technology

(1977). Faculty Honor Lecturer, Utah State University

(1983-86). Chairman, Utah Governor's Science Council Committee on Computer

#### Literacy

(1984). Mary E. Switzer Scholar

(1986-87). National Advisory Board on Technology and the Disabled

(1986). Participation in White House reception to honor selected scientists who have made a contribution to the treatment of the handicapped

(1987-88). Utah State Strategic Planning Commission

(1988). D. Wynne Thorne Utah State University Researcher of the Year Award

(1992-2006) Chair, Panel on Media, Materials, and Technology, American Association for the Advancement of Science, Project 2061

(1992) Emmy from the National Academy of Arts and Sciences for Excellence in Children's Programming for the *Mad Math Series*, The Learning Channel, and produced by Learning 2000, a subsidiary of the Discovery Channel

(1996). Excellence in Education Award, The Association for Direct Instruction

(1997). First Place Winner, 29<sup>th</sup> Annual Media Awards Competition, National Council on Family Relations for *If You Can't Stand Up, Stand Out: The Mike Schlappi Story*

(1998). Finalist, 15<sup>th</sup> Annual Telly Awards, PSA Campaign

(1999-2005). Chair, State Writing Team for the *Utah State Improvement Plan for Special Education*

(1999). "*Successful Implementation of Accelerated Student Achievement Project*," Utah State Office of Education

(2000). "*For Improvement of Instructional Practice and Commitment to Help Each Child Learn*," Cache County School District.

#### **KEYNOTE SPEAKER:**

(1981, September). National Meeting of the Association of Media Producers, Washington, DC

(1983, March). National Conference on the Use of Microcomputers in Special Education, Council for Exceptional Children, Hartford, CT

(1983). Microcomputers and Special Populations Conference, The Council for Exceptional Children, Westchester County, NY

(1983, November). National Conference and Training Workshops on New Technology Applications for Special Education, Chicago, IL

(1984, January). National Conference and Training Workshops on Technology in Special Education

(1984, March) SYMPOSIUM, Annual Educational Conference, Rutgers University, New Brunswick, NJ

(1985, February). 19<sup>th</sup> Annual Special Education Conference, University of Wisconsin-Oshkosh

(1986). Invited presenter at 1986 World Congress on Education and

Technology, Vancouver, Canada

(1987). Australian Association of Special Education 12<sup>th</sup> National Conference, Melbourne, Australia

(1989). Conference of the New Mexico Council for Exceptional Children, Albuquerque, New Mexico

(1990). Effective Videodisc Instruction in Core Mathematics Concepts, presented to Utah State Principals' Education Cluster Meeting, Salt Lake City, UT

(1991). Washington State Council for Exceptional Children 1991 Convention, Tacoma, Washington

(1998). *Teaching for Tomorrow*. Pocatello, ID: Idaho Science Teachers Association.

(1999). *Effective Practices in Reading*. The Research Foundation of SUNY, Regional Coordinator's Meeting, Syracuse, New York.

(1999). *Effective Practices*. The New York State Education Department, Buffalo, New York.

(2004). *Cibecue Report, Year 1: A Program to Teach Reading to White Mountain Apaches*. Keynote presentation to Mountain Plains Regional Resource Center, Utah State University, and Bureau of Indian Affairs Annual Meeting, Rapid City, SD.

#### **EDITORIAL BOARDS:**

Journal of Special Education Technology

Journal of Computers, Reading and Language Arts

Journal of the Association for Persons with Severe Handicaps (Guest Reviewer)

International Instructional Technology Quarterly (U.S. Joint Editor)

Educational Technology

#### **MAJOR TRAINING AND RESEARCH GRANTS AWARDED:**

(1969). [\$160,000]. *Center to Implement Instructional Technology in Training Programs for Special Education Personnel*. U.S. Department of Education.

(1971). [\$10,000]. *Minicourse 5 Validation*. U.S. Department of Education

(1971). [\$12,496]. *Audio-tutorial Programming for Children with Learning Difficulties*. Utah State Office of Education.

(1973-76). [\$146,000]. *Effectiveness of Parents as a Treatment Resource in Rural Areas*. National Institute of Education.

(1973-76). [\$40,000]. *A Resource Library for Parents of the Handicapped in Rural Areas*. Kellogg Foundation.

(1974-76). [\$350,000]. *Telecommunications for the Severely Handicapped Homebound*. U.S. Department of Education.

(1976-78). [165,000]. *The Aging and Aged Developmentally Disabled*. Office of Human Development, Department of Health, Education, and Welfare.

(1976-77). [\$17,000]. *Educational Services for the Severely Handicapped Homebound*. Utah State Office of Education.

(1976-77). [\$43,000]. *The Development and Validation of Training Materials for Paraprofessionals in Special Education*. Utah State Office of Education.

(1976-77). [\$90,000]. *Development of Parent Materials*. Utah Division of Family

Services.

(1977-80). [\$360,000]. (with Striefel, S.) *Programs for Severely/Profoundly Mentally Retarded Children and Youth*. U.S. Department of Education, Bureau of Education for the Handicapped.

(1978). [\$15,000]. *In-service Training Project*. Utah State Office of Education.

(1978). [\$132,000]. (with Landeen, J., & Striefel, S.). *Title XX Training Grant to Train Utah Division of Family Service Caseworks, DD/MR and Provider Staffs*. Utah Division of Family Services.

(1978-1980). [\$400,000]. Grants written for and awarded to the Government of Guam in the areas of rehabilitation, special education, and bilingual education.

(1979). [\$63,000]. (with Landeen, J.) *BIA/Alaska to provide a four week training workshop in the field of special education for 25 teachers and 25 teacher aides in the Alaska village schools*. Bureau of Indian Affairs.

(1979). [\$23,000]. *BIA/Intermountain Inter-Tribal School to develop prototype management and monitoring materials for the implementation of P.L. 94-142 procedures at the school*. Bureau of Indian Affairs.

(1979). [\$37,000]. *The Development of a Model Training and Demonstration Site at the Brigham City Adult Day Care Center*. Utah Division of Family Services.

(1979). [\$34,000]. *The Development of an Instructional Model at the Intermountain Inter-Tribal School in Brigham City, Utah*. Bureau of Indian Affairs.

(1979-81). [\$114,425]. (with Thorkildsen, R.) *The Intelligent Videodisc in Special Education Technology*. Office of Special Education, U.S. Department of Education.

(1981). [\$241,515]. (with Thorkildsen, R.) *Development of a Microcomputer Videodisc Aided Math Instructional Management System for Mildly Handicapped Children*. U.S. Department of Education.

(1984-85). [\$138,300]. *Artificial Intelligence Applications in Special Education: How Feasible?* Office of Special Education and Rehabilitative Services, U.S. Department of Education.

(1984-89). [\$281,669]. *A Study of Selected Microcomputer-based Artificial Intelligence Systems in Special Education*. Office of Special Education and Rehabilitative Services, U.S. Department of Education.

(1985-88). [\$200,000]. *Multidisciplinary Assessment of Handicapped children: A Computer-based Training System*, Special Education Programs, U.S. Department of Education..

(1985-89). [\$200,000]. *Identification and Placement of Learning Disabled Students: A Computer-based Intelligent Tutor*. Office of Special Education and Rehabilitative Services, U.S. Department of Education.

(1985-86). [\$8,232]. *Assessing the Accuracy of a Knowledge-based System - Special Education Regulars and Procedures*. Special Education Programs, Utah State Office of Education.

(1985-86). [\$113,000]. *Expert Systems and the Evaluation of LD Placements*. Special Education Programs, U.S. Department of Education.

(1988-90). [\$312,701]. *Intelligent Tutoring of Meta-Cognitive Strategies*. Special Education Programs, U.S. Department of Education.

(1987-89). [\$113,000]. *Special Education Program Administrative Review in Utah*. Utah State Office of Education.

(1987-88). [\$25,000]. *An Expert System to Evaluate Individual Education Programs and Least Restrictive Environment Provisions of Student Records*. Utah State Office of Education.

(1988-90). [\$87,800]. *Mainstreaming Effectiveness Evaluation*. U.S. Department of Education.

(1988-90). [\$217,000]. *The Development and Validation of a Special Education Intelligent Administrative Support Programs*. U.S. Department of Education.

(1988-92). [\$248,000]. *Effective Videodisc Instruction in Math*. U.S. Department of Education.

(1988-90). [\$310,000]. *Determining the Effectiveness of Cooperative Programming and Remediation and Group-based Videodisc Math and Science Programs in Mainstreamed Classrooms*. U.S. Department of Education,

(1988-90). [\$486,260]. *Center of Excellence Program in Information Technology*. Utah State Legislature.

(1989-91). [\$338,039]. *An Expert System for Assessing the Severely Multiply Handicapped*. U.S. Department of Education.

(1989-93). [\$264,304]. *Developer Dissemination Project to Support the Adoption of a PEP Approved Math Videodisc Program*. U.S. Department of Education.

(1990-1996). [\$1,000,642]. *Special Education Program Administrative Review in Utah*. Utah State Office of Education.

(1991-1993). [\$175,320]. *Pre-referral/Referral Impact Evaluation*. Utah State Office of Education/U.S. Department of Education.

(1991). [\$35,602]. *Paraprofessional Certification and Training*.

(1991-1994). [\$470,000]. *Research and Development on Adapting Desktop Digital Video Technologies to Meet the Instructional Needs of Persons with Hearing Impairments*. U.S. Department of Education.

(1991). [\$15,223]. *Training Tape: Behavior Reduction with Dignity*. Utah State Office of Education.

(1991-93). [\$150,000]. *Developing and Piloting Standards for a State Infrastructure for Paraprofessionals*. Utah State Office of Education.

(1992-95). [\$309,000]. *Instructional Leadership for the Rural Special Educator*. U. S. Department of Education.

(1992-97). [\$500,000]. *LRBI - Quality Implementation Checklists*. Utah State Office of Education.

(1993-95). [\$103,279]. *The Development of Multimedia to Increase Public, Peer, and Employer Understanding of Students with Disabilities*. Utah State Office of Education.

(1993-96). [\$624,000]. *An Integrated Multimedia Information Tool for Persons Treating Students with Severe Disabilities*. U.S. Department of Education.

(1993-94). [\$280,406]. *State-based Capacity Building Project for the Prevention of Primary and Secondary Disabilities*. Utah Division of Family Health Services.

(1993-98). [\$1,500,332]. *Consolidated Monitoring Programs for Students with Disabilities, Drug, and Alcohol Prevention, and Even Start Programs*. Utah State Office

of Education.

(1997-99). [\$200,000]. *LRBI - Quality Implementation Training Tapes*. Utah State Office of Education.

(1992-96). [\$280,000]. *Video-based Instruction in Core Science Concepts*. U.S. Department of Education.

(1993-99). [\$1,100,136]. *State-wide Personnel Development for the Effective Involvement of Paraprofessionals in Special Education*. Utah State Office of Education.

(1994-99). [\$750,000]. *Statewide Telecommunications-based Training Assistants*. U.S. Department of Education/Utah State Office of Education.

(1997-2000). [\$720,000]. *Adaption of Captioning Standards for Digital Video Technologies*. U.S. Department of Education.

(1997-99). [\$65,000]. *Expert System/Functional Analysis Development; Development of "Transition Satisfaction Survey; Video Tape Project - Employing Persons with Disabilities*. Utah State Office of Education.

(1996-99). [\$65,000]. *Technical Assistance Document - Validated Instructional Practices; Effective Instructional Practices - ASAP; Evaluation of Schools in ASAP Project*. Utah State Office of Education.

(1997). [\$78,000]. *Multimedia Video Tape Development*. Utah State Office of Education.

(1998-2001). [\$450,000]. *The Core Science Programs: Dissemination and Effective Implementation*. U.S. Department of Education.

(1999-2005). [\$3,000,000]. (with Hardman, M.). *Utah State Improvement Grant*. U.S. Department of Education.

(2000-2001). [\$160,900]. *Distance Learning and Dissemination of a Validated Behavioral Practices Creating a Trainer of Trainers Model*. Utah State Office of Education.

(2000-2001). [\$307,190]. *Paraeducation Statewide Staff Development*. Utah State Office of Education.

(2000-2001). [\$37,530]. *Inclusion Videotape*. Utah State Office of Education.

(2000-2001). [\$5,000]. *SMH/PAL*. Utah State Office of Education.

(2003). [\$31,000,000] *No Child Left Behind Grant Proposal, Bureau of Indian Affairs*. U.S. Department of Education.

(2003). [\$30,000]. *Personnel Development for AYP Interventions*. Utah State Office of Education.

(2004-6). [\$360,000]. *Jumpstart Workshops for New and Incoming Teachers in the State of Utah*. Utah State Office of Education.

## **CONSULTANT ACTIVITIES:**

**Program Consultant.** University of Minnesota, New York University, Bureau of Indian Affairs, Indiana University, Central Washington State College, University of Oregon, University of Michigan, Government of Guam, University of Nebraska, Utah State Office of Education, Idaho State Department of Education, University of Washington, American Association for the Advancement of Science, Washington, DC, National Science Foundation, Washington, DC., Joseph P. Kennedy Foundation, National Science Foundation Program Evaluation, READ Foundation, New York City.

**Grant Proposal Field Reader.** U.S. Department of Education, Bureau of Education for the Handicapped, Department of Health, Education and Welfare, Corporation for Public Broadcasting, National Science Foundation, Discovery Communications, Inc., The Learning Channel, Joseph P. Kennedy, Jr., Foundation.

**Workshop Presenter.** Major topics: (1) criterion-referenced evaluation; (2) special education in rural areas; (3) remedial techniques for the at-risk child; (4) training of paraprofessionals to work with the handicapped; (5) product development and validation; (6) administration, management and evaluation of training and research projects; (7) computer applications in education; (8) effective teaching techniques; (9) videodisc applications; (10) artificial intelligence and expert systems applications, (11) beginning reading program for at-risk learners; (12) paraeducator staff development.

**PROGRAM EVALUATION ACTIVITIES:**

Utah State Office of Education: Educational Program Auditor  
Proposal Reader: On-site Evaluations  
University of Wyoming: Training Program Evaluation  
Jordan School District: Evaluator of GEMS project for successful presentation to Joint Dissemination Review Panel  
George Peabody College for Teachers, Vanderbilt University: Project Evaluation  
University of Connecticut: Project Evaluation  
Southeast Virginia Training Center: Project Evaluation  
Old Dominion University: Training Program Evaluation  
Utah State Office of Education: Historical Evaluator  
Coordinator: Utah State Board of Regents Evaluation Program, Utah State University  
National Science Foundation: Product Development  
Idaho State Office of Education: Product Development  
Florida State University: NIH Science Project  
Utah State Board of Education: Data Gathering  
Joseph P. Kennedy Foundation: Peer Review  
Archdiocese of New York

**COMPUTER APPLICATIONS:**

CBS, State Office of Education in Utah, Tennessee, Virginia, Colorado, North Dakota, South Dakota, Montana, South Carolina, Jordan School District in Utah, Davis School District in Utah, Olympia School District in Washington, Bureau of Indian Affairs, NASDSE (National Association of State Directors of Special Education), Boeing Aircraft in Seattle, Seattle Pacific University.