

BRUCE ROLAND BAKER

1000 Killarney Drive
Pittsburgh, PA 15234
(412) 885-8541
Fax (412) 885-8548
Email: minspeak@minspeak.com

Education:

1967 - Wabash College, Crawfordsville, Indiana; *A.B.*; Major: Latin; Minor: Greek

1976 - Middlebury College, Middlebury, Vermont; *A.M.*; French Language & Literature

Current Positions:

President, Semantic Compaction Systems
1000 Killarney Drive
Pittsburgh, Pennsylvania 15234

Adjunct Associate Professor
School of Health and Rehabilitation Sciences
University of Pittsburgh

Board of Directors, SHOUT, Inc.
Chairperson, Annual Pittsburgh Employment Conference for
Augmented Communicators (1993-2005)

Experience:

Board of Education, Allegany County, Cumberland, Maryland, Faculty

Frostburg State College, Frostburg, Maryland, Visiting Faculty

College d'Enseignements techniques, Rue St. Charles, Paris, France, Faculty

Westinghouse Electric Corporation, Linguist
Artificial Intelligence, Pittsburgh, Pennsylvania

Prentke Romich Company, Wooster, Ohio, Consulting Linguist

University of Pittsburgh, School of Health and Rehabilitation Sciences

Honors and Awards:

1986 - Citation of Significant Contribution to the American Speech-Language Hearing Association and to the Profession of Speech-Language Pathology and Audiology

1989 - Recipient of National Accessible Design Award, United Cerebral Palsy of America

1992 - Wabash College, Distinguished Alumnus, Alumni Award of Merit, National Association of Wabash Men

1996 - Entrepreneur of the Year Award, Finalist Western Pennsylvania, Ernst & Young, LLP

1996 - Humanitarian Award, United Cerebral Palsy of Pittsburgh

1996 - Augmentative and Alternative Communication, Special Interest Divisions Newsletter, American Speech-Language Hearing Association, Division 12, Vol. 5, No. 2, September, 1996.

1998 - The Distinguished Service Award, International Society for Augmentative and Alternative Communication

1983 - Guest Editorships: *Rehabilitation World*, The U.S. Journal of International Rehabilitation News and Information, Special Issue on Communication Aids for People with Speech Impairments, Vol. 7, No. 2, Summer, 1983.

2005 – Health Care Hero Award, *Health Care Innovation/Research*, PITTSBURGH BUSINESS TIMES.

United States Patents Granted:

Bruce Baker holds many patents and patents pending for language and command technology throughout the world. His U.S. Patents granted and pending will be included as an appendix.

Registered Copyrights:

1. *Words Strategy*®
Registration Number 3-138-499
Effective Date of Registration: 11/8/89
2. *Interaction, Education, and Play*™
Registration Number 3-138-498
Effective Date of Registration: 11/8/89
3. *Power in Play*™
Registration Number 3-138-497
Effective Date of Registration: 11/8/89
4. *Power in Play +*™
Registration Number 3-615-983
Effective Date of Registration: 7/6/92

5. *Language, Learning, and Living*TM
Registration Number 3-615-984
Effective Date of Registration: 7/6/92
6. *Blissymbols Component Minspeak*TM *Words Strategy*TM
Registration Number 1-730-181
Effective Date of Registration: 3/1/93
7. *Deutsche Wortstrategie*
Registration Number 4-416-972
Effective Date of Registration: 11/20/96

Recent Copyrights Registrations:

1. *Unity*[®] 128
2. *Words Strategy Francais*TM
3. *Words Strategy Italiano*TM
4. *Ordlistora Ordstrategi*TM
5. *Bruksanvisning Ordstrategi*TM
6. *Nederlandse Woord Strategie*TM
7. *Words Strategy Español*TM
8. *Dansk Words Strategy*TM
9. *Unity*[®] 84
10. *LLL*[®] 84
11. *LLL*[®] 45
12. *AQLS*TM
13. *Word Core*TM
14. *Proceedings*
1st - 10th Annual MinspeakTM Conferences (10 Volumes), United States
1st - 7th Annual European MinspeakTM Conferences (7 Volumes), United Kingdom
1st - 3rd Annual Deutsche MinspeakTM Conferences (3 Volumes) Germany
15. Web Site: www.minspeak.com

Trademark Registrations

1. Minspeak™ -- United States, for the following goods: linguistic coding systems comprising keyboards, computers, computer programs for use by people with physical and cognitive communication disabilities for generating synthetic speech messages; language encoding apparatus for enhancing rate of text generation; language learning; data retrieval apparatus. Date of first use as early as September, 1982. Commerce: 1983.
2. Minspeak™ -- United Kingdom, Granted: 1986.
3. Minspeak™ -- Canada, Granted: 1997.
4. Unity™ -- United States, Canada, and United Kingdom for computer software for educational and prosthetic purposes. Commerce: 1996, 1998.
5. Words Strategy™ , United States, United Kingdom, and Germany.

Selected Books

Editor with John E. Fischer, *Exegisti Monumentum Aere Perennius*, Classical Essays in Honor of John Frederick Charles, Guild Press of Indiana, Inc., Indianapolis, Indiana, 1994.

Selected Publications Arranged Chronologically

Minspeak™ : A Semantic Compaction System that Makes Self-Expression Easier for Communicatively Disabled Individuals, *Byte*, Vol. 7, No. 9, pp. 186-202, September, 1982.

Communication Disabilities - An Overview, *Rehabilitation World*, The U.S. Journal of International Rehabilitation News and Information, Vol. 7, No. 2, pp., 3-7, Summer, 1983.

Chopsticks and Beethoven, *Communication Outlook*, Vol. 5, No. 3, pp. 8-10, Fall, 1983.

Thoughts from Bruce Baker on Using Minspeak™ with Blissymbols, *Communication Outlook*, Vol. 6, No. 3, p. 5, Fall, 1984.

Perspective: Bruce Baker Talks about Minspeak™ . *Communicating Together*, Vol. 2, No. 4, pp. 14-15, December, 1984.

The Use of Words and Phrases on a Minspeak™ Communication System, *Communication Outlook*, Vol. 7, No. 2, pp. 5-6, Summer, 1985.

With Stuart, Sheela. Vocabulary Selection and Semantic Mapping, *Proceedings RESNA '85 Annual Conference*, pp. 123-125, June, 1985.

Semantic Compaction Lets Speech-Impaired People Quickly and Effectively Communicate in a Variety of Environments, *Byte*, Vol. 11, No. 3, p. 160-168, March, 1986.

Using Images to Generate Speech, *Proceedings Eighth Annual Conference of the Engineering in Medicine and Biology Society Conference*, The Institute of Electrical and Electronics Engineers (IEEE) pp. 1805-1808, Fort Worth, Texas, July, 1986.

Minspeak™ for Subsentence Vocabulary Units, *Proceedings 1st Annual Minspeak™ Conference*, Detroit, Michigan, pp. 1-8, November, 1986.

Semantic Compaction for Sub-Sentence Vocabulary Units Compared to other Encoding and Prediction Systems, *Proceedings RESNA '87 Annual Conference*, pp. 118-120, San Jose, California, June, 1987.

With Romich, Barry A., Application Software: A New Concept In Augmentative and Alternative Communication, *Proceedings RESNA '87 Annual Conference*, pp. 118-120, San Jose, California, June, 1987.

With Weinberg, William & Stump, Robert T. , Vocabulary Development for Augmentative Communication with Minspeak™ , *Proceedings 2nd Annual Minspeak™ Conference*, New Orleans, Louisiana, November, 1987.

Minspeak™ History (First of two parts), *Current Expressions*, pp. 1-2, Spring, 1988.

Minspeak™ History (Second of two parts), *Current Expressions*, pp. 1-2, Summer, 1988.

With Nyberg, Eric H. A View into the Future: Natural Language Parsing and the Minspeak™ Paradigm, *Proceedings 1st Annual European Minspeak™ Conference*, University of Manchester, Institute for Science Technology, Manchester, England, pp. 1-12, September, 1989.

With Weinberg, William. Words Strategy Rationale, *Proceedings 1st Annual Minspeak™ European Conference*, University of Manchester, Institute for Science Technology, Manchester, England, pp. 182-184, September, 1989.

With Nyberg, Eric H. Semantic Compaction: A Basic Technology for Artificial Intelligence in AAC, *Proceedings 4th Annual Minspeak™ Conference*, St. Louis, Missouri, pp. 7-12, November, 1989.

With Barry, Robert F. A Mathematical Model of Minspeak™ , *Proceedings 2nd Annual European Minspeak™ Conference*, Portland College, Nottingham, England, pp. 146-152, May, 1990.

With McCoy, Kathleen F. & Nyberg, Eric H. Intelligent AAC Systems: What Can Be Done Now, *Proceedings RESNA '90 Annual Conference*, Washington, DC., pp. 183-184, June, 1990.

With Nyberg, Eric, H., McCoy, Kathleen F., Demasco, Patrick W. Iconic Interfaces in Intelligent AAC Systems, *Proceedings RESNA '90 Annual Conference*, Washington, DC., pp. 91-92, June, 1990.

Language and Language Representation in Augmentative and Alternative Communication, *Proceedings 11th Annual Southeast Augmentative Communication Conference*, Birmingham, Alabama, pp. 1-8, October, 1990.

With Schwartz, Paul J. & Conti, Robert V., Minspeak™ Models and Semantic Relationships, *Proceedings 5th Annual Minspeak™ Conference*, Seattle, Washington, pp. 17-25, November, 1990.

With Stump, Robert T., Nyberg, Eric H. & Conti, Robert V., Augmentative Communication and Vocational Rehabilitation, *Journal of Vocational Rehabilitation*, Vol. 1, Number 2, pp. 71-83, April, 1991.

A Brief History of Vocabulary Studies in Augmentative and Alternative Communication, *Proceedings 3rd Annual European Minspeak™ Conference*, Portland College, Nottingham, England, pp. 57-62, May, 1991.

With McCoy, Kathleen F., Stuart, Sheila, & Nyberg, Eric H., Vocabulary Selection for Intelligent Parsing in an AAC System for Aphasics, *Proceedings RESNA '91 Annual Conference*, Kansas City, Missouri, pp. 112-114, June, 1991.

With Heine, Kym S., Trahan, Carol A., Banajee, Maher., Using Words Strategy™ to Assess Grammatical Concepts, *Proceedings RESNA '91 Annual Conference*, pp. 263-265, Kansas City, Missouri, June, 1991.

With Chang, Shi Kou, Costagliola, Giuseppe, Orefice, Sergio., A Methodology for Iconic Language Design with Application to Augmentative Communication, *Proceedings Visual Language Conference*, The Institute of Electrical and Electronics Engineers (IEEE), Seattle, Washington, pp. 110-116, September, 1992.

With Higgins, Jerry & Zabala, Joy., Let's Get Integrated, *Proceedings 13th Annual Southeast Augmentative Communication Conference*, Birmingham, Alabama, pp. 44-50, October, 1992.

Minspeak™ : Growth and Evolution, *Proceedings 5th Annual European Minspeak™ Conference*, Portland College, Nottingham, England, pp. 1-6, June, 1993.

Preface, *Proceedings 1st Annual Pittsburgh Employment Conference for Augmented Communicators*, (PEC@ '93), SHOUT Press, Pittsburgh, Pennsylvania, August, 1993.

With Chang, Shi Kou & Polese, Giuseppe., Deriving the Meaning of Iconic Sentences, *Proceedings Visual Languages Conference*, The Institute of Electrical and Electronics Engineers (IEEE), Bergen, Norway, pp. 267-274, August, 1993.

Neue Entwicklungen in Minspeak™ , *Tagungsband 1. Deutsche Minspeak-Konferenz* , p. 20, Hannover, Germany, May, 1994.

What it Means to Translate an Augmentative Communication Language System, *Tapping Technology*, pp. 14-15, June, 1994.

Semantic Compaction: An Approach to a Formal Definition, *Proceedings 6th Annual European Minspeak™ Conference*, Portland College, Nottingham, pp. 1-5, June, 1994.

Preface, *Proceedings 2nd Annual Pittsburgh Employment Conference for Augmented Communicators*, (PEC@ '94), SHOUT Press, Pittsburgh, Pennsylvania, August, 1994.

With Deroost, Greta, A Dutch Minspeak™ System, *Proceedings 6th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Maastricht, Netherlands, pp. 119-120, October, 1994.

With Fried-Oken, Melanie, Creech, Richard D. , Pragmatics Issues for Augmented and Natural Speakers in Public Venues, *Proceedings 6th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Maastricht, Netherlands, pp. 186-187, October, 1994.

With Haney, Colleen & Williard Terry, Employment and Definitional Issues, *Proceedings 6th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Maastricht, Netherlands, pp. 325-326, October, 1994.

With Jinks, Andrew & Jones, Donald, Achieving a Level of Fluency Using an AAC Device, *Proceedings 6th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Maastricht, Netherlands, pp. 432-434, October, 1994.

With Nyberg, Eric H., Kushler, Clifford, & Higginbotham, D. Jeffrey. Corpus Analysis and Vocabulary Selection for Word Prediction in a Multi-Modal System, *Proceedings 6th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Maastricht, Netherlands, pp. 551-553, October, 1994.

With Albacete, Patricia.L, Chang, Shi Kou, Polese, Giuseppe, Iconic Language Design for People with Significant Speech and Multiple Impairments, *Proceedings 1st Annual ACM Conference on Assistive Technologies*, ACM (Association of Computing Machinery) Press, Los Angeles, California, pp. 23- 30, November, 1994.

With Hershberger, David H., Higgins, Jerry, A Wide Corpus of Literature Concerning a Rate Enhancement Technique is Systematically Collated and Prepared for Electronic Delivery World Wide, *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities*, (Electronic Proceedings) March, 1995.

Pittsburgh Employment Conference, *Tagungsband 2. Deutsche Minspeak™ - Konferenz*, p. 40, Dortmund, Germany, May, 1995.

Minspeak™ and Telogistic Word Prediction, *Proceedings 7th Annual European Minspeak™ Conference Proceedings*, Beaumont College, Lancaster, England, pp. 16-18, June, 1995.

Preface, *Proceedings 3rd Annual Pittsburgh Employment Conference for Augmented Communicators*, (PEC@ '95), SHOUT Press, Pittsburgh, Pennsylvania, August, 1995.

With Badman, Arlene L., A Unified Approach to Transitions in Augmentative Communication, *Proceedings 16th Southeast Augmentative Communication Conference (SEACC)*, Birmingham, Alabama, pp. 1-9, October, 1995.

Symboltafeln und Transparenz - ein Mythos? *Tagungsband 3. Deutsche Minspeak-Konferenz*, Dortmund, Germany, pp. 37-39, June, 1996.

What Words Produce Pictures, *Proceedings 10th Annual Minspeak™ Conference*, Wooster, Ohio, July, 1996.

Preface, *Proceedings 4th Annual Pittsburgh Employment Conference for Augmented Communicators*, (PEC@ '96), SHOUT Press, Pittsburgh, Pennsylvania, August, 1996.

With Erickson, Karen A., Language, Literacy, and Semantic Compaction, *Proceedings 7th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Vancouver, Canada, pp. 214-215, August, 1996.

With Williams, Michael B. Sociological Models and Their Relevance to Issues in Augmentative Communication, *Proceedings 7th Biennial International Society for Augmentative and Alternative Communication (ISAAC)*, Vancouver, Canada, pp. 113-114, August, 1996.

With Kitch, Randy, Employment Barriers for People with Significant Speech and Multiple Impairments, *Proceedings 7th Biennial International Society for Augmentative and Alternative Communication (ISAAC)*, Vancouver, Canada, pp. 102-103, August, 1996.

Finding the Hidden Metaphor, *Division 12 Newsletter*, American Speech and Hearing Association, pp. 5-7, September, 1996.

With Cross, Russell T. & Valot, Linda S., Using Core Vocabulary in Activity-Based Learning, *Proceedings 16th Southeast Augmentative Communication Conference (SEACC)*, Birmingham, Alabama, pp. 25-30, October, 1996.

With Erickson, Karen A., Teaching a Pictorial Language System to Enhance Emerging Literacy Skills, *Proceedings 17th Southeast Augmentative Communication Conference (SEACC)*, Birmingham, Alabama, pp. 47- 56, October, 1996.

Vocabulary Selection: Historical Trends, *Proceedings 6th Symposium on Literacy and Disabilities*, Duke University Medical Center, Durham, North Carolina, pp. 7-9, January, 1997.

Activity-Based Learning Using Core Vocabulary, *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities (Electronic Proceedings)*, March, 1997.

With Balandin, Susan, Hill, Katya, Vocabulary – More Than a Word List, *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities (Electronic Proceedings)*, March, 1998.

The Needs Model vs. the Language Model: New Insights into Clinical Practice, *International Minspeak™ Conference*, May, 1999.

With Musselwhite, Carolina R., Kwasniewski, Kenneth, Literacy, Language, and Minspeak™ : Core Vocabulary is the Key, Duke University Medical Center, Durham, North Carolina, February, 1999.

With VanTatenhove, Gail., A Semantically-Based Software is Developed for People with ALS, *Proceedings RESNA '99 Annual Conference*, Long Beach, California, pp. 28-30, June, 1999.

With Musselwhite, Caroline R., Kwasniewski, Kenneth, Literacy, Language, and Minspeak: Core Vocabulary is the Key, February, 2000.

With Navrotski, Darlette, Kwasniewski, Kenneth, A Quick-Learning Rate Enhancement Technique is Proposed for People With ALS, *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities*, (Electronic Proceedings) March, 2000.

With Hill, Katya, Amato, John, Menna, Donna, Do we Liberate Individuals by Teaching Wide Context Specific Vocabulary? *Proceedings 7th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Washington, DC, August, 2000.

With Harris, Ovetta, Bridges, Sheila, Devylder, Richard, Crossing the Racial Line at an AAC Conference, *Proceedings 7th Biennial Conference of the International Society for Augmentative and Alternative Communication (ISAAC)*, Washington, DC, August, 2000.

With Dougherty, Amy, Iconic Encoding with Picture Communication Symbols, *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities* (Electronic Proceedings), March, 2002.

With Krezman, Carole, Conti, Robert, Evolving Concept Concerning Disability, Augmentative Communication and Employment in the U.S., *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities* (Electronic Proceedings), March, 2002.

Rate and Augmentative Communication Devices, *Proceedings RESNA '02, Annual Conference*, Minneapolis, Minnesota, June, 2002.

With Meher Banajee, Early Language and Its Building Blocks *Proceeding, Annual Southeast Augmentative Communication Conference*, Birmingham, Alabama, October, 2002.

With Nichols, Micheline, Where's the Bacon? Assistive Technology Industry Association Conference, Orlando, Florida, January, 2002.

Autism, Language Acquisition, Sensory Integration: A New Method in AAC, *Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities* (Electronic Proceedings), March, 2003

Pre-stored Utterances Versus Word by Word Generation
Annalee Anderson and Bruce Baker
Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities (Electronic Proceedings), March, 2004

Language Systems: Multi-page Hierarchies versus a Single Page Strategy,
Proceedings California State University, Northridge (CSUN) Conference on Technology and Persons with Disabilities (Electronic Proceedings), March, 2004

Employment and Augmentative Communication
Bruce Baker and Robert V. Conti
International Society for Augmentative and Alternative Communication, Natal, Brazil,
2004

Do Standardized Tests Assess Language or Merely Nouns in AAC?
Dan Phillips and Bruce Baker
International Society for Augmentative and Alternative Communication, Natal, Brazil,
2004

Motor Planning: As Important as Iconicity in AAC
Bruce Baker and Robert V. Conti
International Society for Augmentative and Alternative Communication, Natal, Brazil,
2004

Lexical versus Language Development: Their Roles in AAC
Bruce Baker and Dan Phillips, *Proceedings California State University, Northridge*
(CSUN) *Conference on Technology and Persons with Disabilities* (Electronic fresna 1990)

Selected Presentations Arranged Chronologically

"Symbolic Retrieval of Vocabulary Using Iconic Techniques on Electronic Devices." Presented to the Senior Blissymbolic Presenters at The North American Bliss Affiliate annual meeting, Sioux Falls, South Dakota, May, 1985.

"Computer and Language Disabilities," presented at the *Byte* Computer Show, Boston, Massachusetts, May, Dallas, Texas, September, New York, New York, September, San Francisco, California, September, 1985.

"Semantic Compaction Techniques for Language Retrieval On Communication Aids," Graduate Seminar at the Artificial Language Laboratory, Michigan State University, East Lansing, Michigan, May, 1985.

"Introduction to Minspeak™," Breakfast Seminar at RESNA '85 Annual Conference, Memphis, Tennessee, June, 1985.

"Language Rehabilitation and Employment," to Vocational Rehabilitation Professionals and Industrial Leaders at Westinghouse Auditorium, Pittsburgh, Pennsylvania, June, 1985.

"Augmentative Communication Theory," a two-day series of six presentations to Administrators of Schools for People with Disabilities in the State of Pennsylvania and Rehabilitation Professionals, Harrisburg, Pennsylvania, September, 1985.

"Language Theory and Electronic Communication Aids," Bell Communication Research Laboratory, Morristown, New Jersey, October, 1985.

"Colloquium on Vocabulary Selection," International Society for Augmentative Alternative Communication (ISAAC) Regional Conference, Long Island, New York, October, 1985.

"Seminar on Augmentative Communication Systems," Pennsylvania Council for Exceptional Children Conference, Harrisburg, Pennsylvania, October, 1985.

"Assessment and Vocabulary Development," a two-day seminar, Matheney School, Teapak, New Jersey, November, 1985.

"Issues in Vocabulary Selection," American Speech-Language-Hearing Association (ASHA) Annual Conference Mini-Seminar, Washington, DC, November, 1985.

With Higgins, Jerry, Costello, John & Stump, Robert T. "Systematic Approaches to Vocabulary Selections for Communication Aid Users," Short course, American Speech-Language Hearing Association (ASHA), Annual Conference, Detroit, Michigan, November, 1986.

With Higgins, Jerry & Weinberg, William. "The Use of Second Language Acquisition Techniques in Augmentative Communication," American Speech and Hearing Association (ASHA) Annual Conference Mini seminar, New Orleans, Louisiana, November, 1987.

With Higgins, Jerry. "Syntactical Issues in Augmentative Communication," International Society for Augmentative and Alternative Communication (ISAAC) Biennial Conference Mini-seminar, Anaheim, California, October, 1988.

With Higgins, Jerry, Bruno, J. Joan, & Romich, Barry A. "A PreService/Continuing Education Unit on Vocabulary Selection and Organization," International Society for Augmentative and Alternative Communication (ISAAC) Biennial Conference Poster Session, Anaheim, California, October, 1988.

Higgins, Jerry, Nyberg, Eric & Kushler, Clifford. "The Future of Artificial Intelligence in Augmentative and Alternative Communication," American Speech-Language-Hearing Association (ASHA) Annual Conference Mini-seminar, St. Louis, Missouri, November, 1989.

With Nyberg, Eric H., Demasco, Patrick W., McCoy, Kathleen F. Higgins, Jerry. "Intelligent Parsing in AAC Systems," International Society for Augmentative and Alternative Communication (ISAAC) Biennial Conference Mini-seminar, Stockholm, Sweden, August, 1990.

With Hoover, Julie, Nyberg, Eric H., Higgins, Jerry & Justice, David B. "Lexicographic Sources and Vocabulary Selection for Augmentative and Alternative Communication," American Speech-

Language-Hearing Association (ASHA) Annual Conference Mini-seminar, Seattle, Washington, November, 1990.

With Selders, Gil, Prentice, James, Barry, Robert F., & Kent, Priscilla. "The Employment of Individuals with Severe Speech and Physical Impairments, International Society for Augmentative and Alternative Communication (ISAAC) Biennial Conference, Philadelphia, Pennsylvania, August, 1992.

With Berg-Gustafson, Monika & Hunnicutt, Sherri. "Language Representation, Information, and Automatic Processing, A Theoretical and Clinical Perspective," European Conference on the Advancement of Rehabilitation Technology, Stockholm, Sweden, May, 1993.

"Employment Issues in Augmentative and Alternative Communication," Distinguished Lecturer Series, Das Forschungsprojekt "AAC-Beratung" des Psychologischen Instituts der FU Berlin, (Free University of Berlin), Germany October, 1994.

With Seaver, Robert. "Social and Psychological Consequences of Communication Disability," Keynote Address, Communication Matters Symposium, Lancaster, England, September, 1995.

With Seaver, Robert. "A Psychiatrist Speaks with Augmentative Communicators: An In-depth Look at Personal Motivation," Communication Matters Symposium, Lancaster, England, September, 1995.

With Micher, Jeffrey. "Putting Word Prediction in its Place with Minspeak™," Closing the Gap Conference, Minneapolis, Minnesota, October, 1995.

"Representing Core Vocabulary for Young or Cognitively Impaired Individuals," Maryland Augmentative Communication Association (MACA), Baltimore, Maryland, November, 1996.

"Minspeak is a Basic Technology," International Language Institute, Sociedad Anónima (ILISA), San Jose, Costa Rica, June, 1996.

"Use of Picture or Symbol Systems," Colorado State Wide Assistive Augmentative/Alternative Communication (C-SWAAC), Copper Mountain, Colorado, June, 1996.

"Transparency: History of a Notion," Graduate Seminar, Purdue University, June, 1996.

With Erickson, Karen A. "Reading and Graphics: How Learning a Picture System can Enhance Emergent Reading Skills," *Closing the Gap*, Minneapolis, Minnesota, October, 1996.

"Language Representation Issues for Voice Output Communication Aids: How to Lower the Eventual Burden of Intervention," Iowa Speech and Hearing Association, Iowa City, Iowa, October, 1996.

"Activity-Based Learning; From 32 to 128 - How to Bridge Between Stepping Stones and LLL; How to Teach Reading Through the Minspeak™ Paradigm," Glasgow, Scotland; Newcastle, Stockport, Coventry, London, England, January, 1997.

Lecture Tour, Minspeak™ on Vanguard: Taking Dynamic Displays in a New Direction, Manchester, Motherwell, New Castle, Coventry, Plymouth, Hampshire, London, United Kingdom, January, 1998.

Introduction to Words Strategy Español, Spanish Minspeak Conference, Madrid, Spain, May, 1998.

Evolving Employment Issues in Augmentative Communication (AC), International Society for Augmentative and Alternative Communication (ISAAC), Dublin, Ireland, August, 1998.

Contemporary Issues in Augmentative Communication, Bloomington, Indiana, September, 1998

Literacy, Minspeak, and Language, Closing the Gap Conference, Minneapolis, Minnesota, October, 1998.

Language... Easier than You Think, Calgary, Canada, August, 1999.

How to Introduce a Developmentally-Based Language Approach, San Francisco, California, December, 1999.

The Nature of Symbols and Language, Albuquerque, New Mexico, April, 2000.

AAC and Employment: Visions from the United States, Cologne, Germany, April, 2000.

Pronouns or Pumpkins: How to Introduce a Developmentally-Based Language Approach, Ohio Speech-Language-Hearing Association, March, 2000.

AAC and Employment: Visions from the U.S., *Proceedings*, ISAAC, University of Berlin, Germany, 1999.

Facilitating Early Language: How to go from A to B, Buffalo, New York, School 84, June, 2001.

Schermer, Anita. Implementing Early Language Skills Before Literacy, Closing the Gap, Minneapolis, Minnesota, October, 2001.

Rethinking The Language Interface, University of Halle, Halle, Germany, 2001.

Designing and Teaching AAC Systems, United Cerebral Palsy Center, Oakland, California, May, 2002.

Developmental Language Approaches for Young Children
Meher Banajee and Bruce Baker
American Speech-Language-Hearing Association (ASHA) Annual Conference, New Orleans, Louisiana, November, 2002

Navigating AAC Devices for Early Communicators
Annalee Anderson and Bruce Baker
Assistive Technology Industry Association (ATIA) Conference, January 2003

AQLS Revision is based on User Data

Bruce Baker and Russell T. Cross

Southeast Augmentative and Alternative Communication Conference, September, 2003

Language Systems: Hierarchical Versus Universal Strategies

Bruce Baker and Annalee Anderson

Southeast Augmentative and Alternative Communication Conference, (SEACC) September, 2003

Keynote Address, International Society of Augmentative and Alternative Communication, Vienna, December 2004.

Language and Language Representation, Muskingham College, New Concord, Ohio, February, 2005.

Augmentative and Alternative Communication, University of Pittsburgh, Undergraduate guest speaker, 2005

How to Generate Language with Pictures, Flagstaff, Phoenix, and Tucson, Arizona, February, 2005.

Language and AAC, Reading, Pennsylvania, Berks County School District, March, 2005.

Minspeak™ : A Concrete Way to Represent Core Vocabulary, Perth and University of Sydney, Sydney, Australia, March, 2005.

Keynote Speech, ICE Canada, Augmentative Communication Conference, Toronto, Canada, April 2005.

Emergent communicators at the early symbolic stage, New York City Board of Educators, Manhattan and United Cerebral Play of North New Jersey, April, 2005.

How to Set Up and Teach Emergent Communicators Language Through Pictures, Baltimore Public Schools, Baltimore, Maryland, May, 2005.

Teaching Language to People with Severe Cognitive Impairments, Philadelphia Public Schools, May, 2005.

Why Standardized Tests May Not Accurately Assess Language Skills for AAC, Houston, Texas Assistive Technology Network, Texas, July, 2005.

Minspeak™ , Unity: How to Begin, Society for the Physically Disabled Assistive Technology Centre, Singapore, August, 2005.

Expressive and Receptive Language Testing for Students with Multiple Disabilities, AGOSCI Conference, Speech Language Professionals, and University of Sydney, Brisbane, Adelaide, and Sydney, Australia, August/September, 2005.

Translation of Minspeak into Dutch, an Introduction, Revalidatietechniek Het Dorp, Staff Teaching, Arnhem, Netherlands, September, 2005

Vocabulary and Reading, and Navigation, Sequencing, Motor Planning and Reading, Manchester, UK, Speech Language Professionals., Cardiff University, Cardiff, UK Limerick, Ireland, Speech language Professionals Leicester University, Leicester, UK. September, 2005.

With Nyberg, E., Cross, Russell T., Context Awareness As a Rate Enhancement Factor In AAC, 6th Symposium on Natural Language Processing, Chiang Rai, Thailand, December 2005.

Selected Master's Theses and Doctoral Dissertations about Minspeak™

Bruno, J. Joan., *Picture and Word Association Performance in Preliterare Children and Adults*, Doctoral Dissertation, Speech-Language Pathology, Temple University, Philadelphia, Pennsylvania, 1988.

Tullos, Daniel., *A Comparison of Alphanumeric and Minsymbols as Retrieval Codes on the TouchTalker*, Doctoral Dissertation, Speech-Language Pathology, Penn State University, State College, Pennsylvania, 1988.

Schwartz, Paul, J., *A Comparative Study of Two Augmentative Communication Methods: Words Strategy and Traditional Orthography*, Master's Thesis, Industrial & Systems Engineering, Ohio University, Athens, Ohio, 1989.

Glennen, Sharon L., *The Effect of Communication Aid Characteristics on the Interaction Skills of Non-Speaking Persons and Their Adult Speaking Partners*, Doctoral Dissertation, Speech - Language Pathology, Penn State University, State College, Pennsylvania, 1989.

Light, Janice C., *Message Encoding Techniques For Augmentative Communication Systems: Investigation of the Recall Performances of Non speaking Physically Disabled Adults*, Doctoral Dissertation, Education, University of Toronto, Toronto, Canada, 1989.

Ross, Lynda., *Computer Instruction as an Effective Method for Learning and Recalling Symbol Sequences in Augmentative Communication*, Master's Thesis, Speech-Language Pathology, University of New Mexico, Albuquerque, New Mexico, 1991.

Breuzière, Gilles., *Etude de trois aides à la communication pour des infirmes moteurs cèrèbraux sans parole: le système pictographique du Grach, le système Minspeak™ , et les codages pour tèlethèse de communication Hector*, Master's Thesis, Speech-Language Pathology, University of Paris, Paris, France, 1992.

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Baker's work is now so widespread that it is typically mentioned in any Master's Thesis or Doctorate Dissertation dealing with symbol systems or language representation in augmentative communication, and evidence-based practice in augmentative communication. Text books in the field of assistive technology or augmentative communication reference and typically describe at some length Baker's language systems.