

Joan Niebur Maier

Associate Professor
Curriculum and Instruction
College of Education

Degrees Earned

- Ed. D. Illinois State University - 1994
Curriculum and Instruction
Cognate Area: Social Studies and Geography Education
- M.A. University of Missouri- 1978
Reading Education
Cognate Area: Content Area Reading
- B.S. University of Missouri- 1971
Secondary Education
Major: American History
Minor: Sociology

Professional Licensure and Certifications

- Reading Diagnostician – K-12
Secondary Education-Social Studies
- Geography
 - United States History
 - World History
- Geographic Information System Instructor
Six-Hats Critical Thinking and Leadership Instructor

Peer-Review Publications and Artistic Performances/Exhibitions

Book and Article Reviews

- Maier, J. N. (2002, September). Review of *There Goes the Neighborhood: Rural School Consolidation at the Grass Roots in Early Twentieth-Century Iowa*, David R. Reynolds, In *Annals of Geography* (pp. 600-604).
- Maier, J. N. (2000). Review of *The European Dimension of Swiss Geography Education*, Sibylle Reinfriend, In *Research in Geographic Education* (pp.3-25), The Gilbert M. Grosvenor Center for Geographic Education, Richard G. Boehm and Joseph Stoltman (Eds.). Southwest Texas State University, San Marcos, Texas.
- Maier, J. N. (1998, November/December). Review of *Integrating Geographic Learning and Basic Skills: An In-Class Cooperative Activity*, Wendy Shaw, In *Journal of Geography* (pp. 253-260), Jonathan Leib (Ed.), National Council for Geographic Education. Indiana, PA.

Maier, J. N., Granata, J. J., Holmes, W. M., (1997). Review of Texas: Adventures in Time and Place, J., Banks, B. Beyer, G. Contreras, J. Craven, G. Ladson-Billings, M. McFarland, & W. Parker, Macmillan/McGraw-Hill, NY.

Maier, J. N. (1995). Review of Discerning New Horizons: A perceptual Approach to Geographic Education, Henry W. Castner, A Pathways in Geography Publication, The National Council for Geographic Education, Indiana, PA.

Refereed Journal Articles and Proceedings

Maier, J. N., Sturgeon, H., Bump, W., Nix, L., (2008, January). A PDS Sustainability Strategy that Works: Going from a losing streak to betting on a winner, Invited article for Professional Development Schools National Newsletter, North Carolina

Forsyth, A. S., and Maier, J. N., (2006, April). Affective Outcomes of a World Geography Course. Journal of Geography, 105, 59-66, National Council for Geographic Education, Mississippi.

Maier, J. N., Smith, J., Luna, A., (2004, August). Project SCALE: Student Collaboration Affects Attitudes and Learning for a New Era, In International Geographic Congress: In One Earth Many Worlds Research Proceedings, Glasgow, Scotland.

Smith, J., Maier, J. N., Luna, A., (2004, August). Project SCALE: Pilot Results, In International Geographic Congress: One Earth Many Worlds Research Proceedings, Glasgow, Scotland.

Maier, J. N., (2000, August). A Schematic approach to Understanding Map Reading, In Research in Geographic Education. The Gilbert M. Grosvenor Center for Geographic Education, Richard G. Boehm and Joseph Stoltman (Eds.). Southwest Texas State University, San Marcos, Texas.

Maier, J. N., (2000, September). An application of schema theory to map reading comprehension. Outstanding research in geography education in Geography in America at the dawn of the 21st century, Bendarz, S., Downs, R., & Vender, J. (Eds.).

Maier, J. N., & Jones, D. (1999, July). Collaboration with Outside Agencies: Doing Together what is difficult to do alone. Journal of Geography, Jonathan Leib (Ed.), National Council for Geographic Education. Indiana, PA.

Kajs L., Alaniz, R., Willman, E., Maier, J. N. & Brott, P. (1998, December). Looking at the Process of mentoring for Beginning Teachers. National Association of Alternative Certification Journal Online <http://www.alt-teachercert.org/>

Maier, J. N. (1998). Social Studies Content Alignment. In Content Alignment Project Report: English/Language Arts, Mathematics, and Social Studies. Nolie Mayo, (Ed.), ERIC doc.

Maier, J. N. & Lucas, J. (1997). Space Technology: A catalyst for content area literacy. Reading Online (ROL) a Journal of the International Reading Association [www.readingonline.org] (available to non-subscribers May - August, 1998).

Maier, J. (1997). Standards for Social Studies. In Congress on Teacher Preparation Monograph, Steve Rakow, (Ed.), University of Houston-Clear Lake, Houston, TX.

Maier, J. N., (1996). A Qualitative Study of Adolescent Students' Map Comprehension. 28th International Geographic Congress: Land, Sea and Human Effort Proceedings, The Hague, Netherlands, (pp.297-302).

Maier, C. J., (1993, January). How People Learn to Read Maps. Glacial Deposits, 20, Geography/Geology Department, Normal, IL: Illinois State University.

Maier, C. J., (1993, January and February). Relating Here to There: World Maps and Globes as Advance Organizers. Social Studies and the Young Learner Journal.

Technical Reports

Maier, J. N., (2007, March). Professional Dispositions Concerns Resolution Process Policy, University of Houston-Clear, School of Education, Houston, Texas.

Maier, J. N. (2006, October). Year End Report of the McWhirter Professional Development Laboratory School. Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.

Maier, J. N., Sturgeon, H., Bump, W., Wright, N., (2006, June). John Hopkins E-portfolio evaluation and research project report. University of Houston-Clear Lake, Houston, Texas.

Valdez, M., Maier, J. N., Broughton, L., et. al., (2006, April). McWhirter Professional Development Laboratory School Action Plan #2, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.

Maier, J. N. (2006, February). National Council for Social Studies and National Council Accreditation of Teacher Education Special Programs E-Report, NCATE, Washington DC.

Maier, J. N. & Valdez, M., Brown, S., King, T., Wickersheim, V., Broughton, L., (2005, October). McWhirter Professional Development Laboratory School: Clear Creek ISD and University of Houston-Clear Lake Partnership Intervention Framework, Clear Creek ISD and University of Houston-Clear Lake Partnership, Houston, Texas

Maier, J.N., (2005, September). Year End Report of the McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.

- Maier, J. N. (2005, September). Year End Report of the McWhirter Professional Development Laboratory School. Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.
- Maier, J. N. (2004, August). Year End Report of the McWhirter Professional Development Laboratory School. Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas
- Maier, J. N. & Mackay, L., (2004, May). McWhirter Professional Development Laboratory School: Clear Creek ISD and University of Houston-Clear Lake Partnership Implementation Framework #2 Revised, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.
- Maier, J. N. (2003, August). Year End Report of the McWhirter Professional Development Laboratory School. Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.
- Maier, J. N. & Mackay, L., (2003, May). McWhirter Professional Development Laboratory School: Clear Creek ISD and University of Houston-Clear Lake Partnership Implementation Framework #2, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.
- Maier, J. N. (2002, August). Year End Report of the McWhirter Professional Development Laboratory School. Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.
- Maier, J. N. (2002, July). Job-Embedded Professional Development Model. Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.
- Maier, J. N., Wycoff, M., & Stamps, C., (2002, May). McWhirter Professional Development Laboratory School: Clear Creek ISD and University of Houston-Clear Lake Partnership Implementation Framework #1, Clear Creek ISD and University of Houston-Clear Lake Partnership, Houston, Texas.
- Maier, J. N., & Wycoff, M., (2002, May). McWhirter Professional Development Laboratory Distributed Leadership Model, University of Houston-Clear Lake and Clear Creek ISD Partnership, Houston, Texas.
- Maier, J. N., Wycoff, M., Stamps, C., Weaver, L., (2001, December). McWhirter Professional Development Laboratory School: Clear Creek ISD and University of Houston-Clear Lake Educational Partnership Planning Report, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas:
- Maier, J. N. (1997). Global and Environmental Geography with Space Age Technology. In Environmental Institute of Houston Annual Report, University of Houston, Houston, Texas.
- Maier, J. N. (1996). Geography Institute for Teachers and Space Shuttle Photography. In Institute for Space Systems Operation Bi-Annual Report, University of Houston, Houston, Texas.

Maier, J. N. (1995). Global and Environmental Geography with Space Age Technology. In Environmental Institute of Houston Annual Report, University of Houston, Houston, Texas.

Maier, J. N. (1994). Geography Institute for Teachers and Space Shuttle Photography. In Institute for Space Systems Operation Bi-Annual Report, University of Houston, Houston, Texas.

Research/Curriculum Monographs

Maier, J. N., Sturgeon, H., (2007, January). UHCL Internship Mentor Teacher Training Program Manual, Day 2 and 3, University of Houston-Clear Lake, Houston, Texas.

Maier, J. N., Sturgeon, H. et. al. (2005, November). Internship Handbook, UHCL Website, University of Houston, Clear Lake, Houston, Texas.

Broughton, L., Brown, S., Maier, J.N., et.al. (2005, October). Intervention Model for McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.

Maier, J. N. (2005, July). Teacher Leadership Institute Program Manual and CD (on-line and face-to-face), University of Houston-Clear Lake, Houston, Texas

Maier, J.N., Sturgeon, H., Bump, W., Wright, N. et.al, (2005, August). University and District Supervisor Internship Training Manual and CD, University of Houston-Clear Lake, Houston, Texas.

Maier, J.N., Sturgeon, H., Bump, W., Wright, N., et. al., (2005, August). Internship I and II Course and E-portfolio Manual, CD, Website, University of Houston-Clear Lake, Houston, Texas.

Maier, J. N. (2004, July). Professional Development Model: In-School PD and Differential Staffing. McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear Lake Partnership, Houston, Texas.

Hirumi, A., Maier, J. N., Willis, J., (2003). K-12 On-Line Curriculum Model. Educational Center for On-line Teaching (ECOT). Columbus, Ohio.

Hirumi, A., & Maier, J. N., (2003). On-Line Professional Development Model. Educational Center for On-line Teaching (ECOT). Columbus, Ohio.

Maier, J. N. & Mc Donald, D., (2001). Redesign of Online Curriculum Course, University of Houston-Clear Lake, Houston, Texas

Maier, J. N., et. al (1997-2002). Handbook for Internship I and II, University of Houston-Clear Lake, Houston, Texas

Maier, J. N. and Brown, S. (1996). Distance Education Course: Models of Teaching, Houston, University of Houston-Clear-Lake, Houston, Texas.

Maier, J. N., Lucas, J., Linsley, J., Roet, J., Granata, J., Braumbaugh, F., Daley, B., & Willis, K. (1996-1999). A Model for Teaching Global and Environmental Geography NASA Images, Volumes I & II, University of Houston-Clear Lake, Houston, Texas.

Mayo, N., Maier, J. N., et. al. (1994). Internship Handbook for TEA3M, University of Houston-Clear Lake, Houston, Texas.

Rakow, S., Maier, J. N., et. al. (1994). Mentor Handbook for TEA3M, University of Houston-Clear Lake, Houston, Texas.

Maier, J. N. (1993-1995). Elementary Social Studies Handbook, University of Houston-Clear Lake, Houston, Texas.

Maier, J. N., O'Neil, T., (1996). Alpha Kids: WEB-SITE Houston, University of Houston-Clear Lake, Houston, Texas.

Funded External Grants

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| \$600,000 | Principal Investigators: Laurie Weaver, Joan N. Maier, Cindy Stamps, Foreign Language Assistant Program (FLAP) Grant, US Dept. of Education for Two-Way Immersion program at McWhirter Professional Development Laboratory School, University of Houston-Clear Lake and Clear Creek ISD (2007-2010) |
| \$650,000 | Principal Investigators: Joan N. Maier, Lori Broughton, 21 st Century Grant, US Dept. of Education for after school and summer programs at McWhirter Professional Development Laboratory School, University of Houston-Clear Lake and Clear Creek ISD (2006-2011) |
| \$800,000 | Principal Investigators: Cindy Stamps, Judith Marquez, Laurie Weaver, Joan N. Maier, Foreign Language Assistant Program (FLAP) Grant, US Dept. of Education for Two-Way Immersion program at McWhirter Professional Development Laboratory School, University of Houston-Clear Lake and Clear Creek ISD (2003-2006) |
| \$500,000 | Principal Investigators: Paul Mausel, Joan N. Maier, et. al., National Science Foundation Grant for Academic Content and Development of Geography Education and NASA Imaging Methods for Youth (2003) |
| \$2,000 | Principal Investigators: Joan N. Maier, Gwyn, Laird, Team Leadership Identification and Development of McWhirter Professional Development Laboratory School Leadership and Instructional Coach Teams. Faculty Research Fund and School of Education, University of Houston-Clear Lake (2003) |
| \$3,000 | Principal Investigators: Joe Stoltman, Joan N. Maier, et. al., Michigan State University Geography Department Grant for Oxford, England Geography International Instructional and Research Project. (2002-2004) |

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| \$5,000 | Principal Investigator: Joan N. Maier, First Books for Kids Project at McWhirter Professional Development Laboratory School, Lead-to-Literacy Grant, Leadership Houston Class XXI Service Project for Houston, Texas (2004) |
| \$21,000 | Principal Investigator: Joan N. Maier, NASA Education Research Grant for Geography Institute for Teachers (2000) |
| \$5,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, National Geographic Society and Texas Alliance for Geography Education Grant, Washington, DC (1999) |
| \$25,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, NASA, Johnson Space Center, Research & Curriculum Grant, Houston, Texas (1999) |
| \$2,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, National Geographic Society and Texas Alliance for Geographic Education Geography Workshop Grant, Washington, DC (1998) |
| \$37,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, NASA Research and Curriculum Development Grant, Johnson Space Center, Houston, Texas (1998) |
| \$6,000 | Principal Investigators: Joan N. Maier and Ray Sanders, Environmental Institute of Houston, Houston, Texas, CDROM Development (1997) |
| \$3,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, National Geographic Society and Texas Alliance For Geographic Education Seminar Grant, Washington, DC (1996) |
| \$37,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, Environmental Institute of Houston, Institute for Space Systems Operations, National Geographic Society Texas Alliance for Geographic, University of Houston-Clear Lake (UHCL) Faculty Research Funds, and School of Education of UHCL (1996) |
| \$45,000 | Principal Investigators: Jim Lester, Theron Garcia, Joan N. Maier, Total Quality Management Grant: Making UHCL a Leader in Geographical Information Systems (GIS) University of Houston, Texas (1995) |
| \$10,000 | Principal Investigator: Joan N. Maier, Geography and Technology Institute, Environmental Institute of Houston Grant, Houston, Texas (1995) |

- \$12,000 Principal Investigator: Joan N. Maier, Geography and Technology Institute, Texas Alliance for Geographic Education and National Geographic Society Institute Grant, Washington, DC (1995)
- \$7,000 Principal Investigator: Joan N. Maier, Geography and Technology Institute, Institute for Space Systems Operations Research Grant, Houston, Texas (1995)
- \$7,000 Principal Investigator: Joan N. Maier, Project SPACE, Institute for Space Systems Operations Grant, Houston, Texas (1994)

Peer-Review Presentations/Posters

International

Maier, J. N. (2006, April). Charting a new course: Transforming Top-Down Leadership into Team-Facilitative Leadership. Paper presented at International Networking for Educational Transformation (INET) Annual Conference, Augusta, Georgia.

Maier, J. N., Smith, J., Luna, A., (2004, August). Project SCALE: Student Collaboration Affects Attitudes and Learning for a New Era, International Geographic Congress: In One Earth Many Worlds, IGU Commission on Geographic Education Symposium, Glasgow, Scotland.

Smith, J., Maier, J. N., Luna, A., (2004, August). Project SCALE: Pilot Results, International Geographic Congress: One Earth Many Worlds, Glasgow, Scotland.

Maier, J. N., Smith, J., Klein, P., (2001, July). European and United States Geographic Research Collaborative Project. International Geography Union. Oxford, England.

Maier, J. N. (1999, May). A Review of Qualitative Research in Geographic Education, Panel Chair and Paper Presented at the International Conference on Research in Geographic Education, sponsored by International Geographical Union, Commission on Geographical Education, and The Gilbert M. Grosvenor Center for Geographic Education, Southwest Texas State University, San Marcos, Texas.

Maier, J. N. (1999, May). A Schema Theoretical Approach to Understanding Map Reading, Paper Presented at the International Conference on Research in Geographic Education, sponsored by the International Geographical Union, Commission on Geographical Education, and The Gilbert M. Grosvenor Center for Geographic Education, Southwest Texas State University, San Marcos, Texas.

Maier, J. N. (1997, May). A "partial chart" on map reading research: A response to Schwartz. Invited discussant for the First International Assessment: Research in Geographic Education Conference, Richard Boehm, Chair, Southwest Texas State University, San Marcos, Texas.

Maier, J. N. (1997, May). Geographic and Reading Literacy with Space Age Technology. Paper presented at Literacy and Technology Special Interest Group. International Reading Association Annual Conference, Atlanta, GA.

Maier, J. N. (1996, August). A Qualitative study of Adolescent Students' Comprehension of Maps. Paper presented at Innovation in Geographical Education: Curriculum Development in the USA Panel, Donald J. Zeigler, Convener, 28th International Geographical Congress: Land, Sea and Human Effort. The Hague, Netherlands.

Maier, J. N. & O'Neil, T. (1996, May). Bring Social Studies to Life: Connect Social Studies, Reading and Technology. Paper presented at Literacy and Technology Special Interest Group. International Reading Association Annual Conference, New Orleans, LA.

National

Maier, J. N., Sturgeon, H., Bump, W., Nix, L., (paper accepted to be presented 2007, March). A PDS Sustainability Strategy that Works: Going from a losing streak to betting on a winner, Professional Development Schools National Annual Conference, Las Vegas, Nevada.

Maier, J. N., Sturgeon, H., Bump, W., Quick, D., (paper accepted to be presented 2007, March). Hitting a Jack Pot: A Unique PDS Model Connected to P-5 Student Success, Professional Development Schools National Annual Conference, Las Vegas, Nevada.

Maier, J. N., & Forsyth, A., (2006, October), Affective Objectives: A missing link for improving geography education outcomes. Paper presented at the annual conference for the National Council for Geographic Education, Lake Tahoe, California.

Maier, J.N., Mackay, L., Broughton, L., (2005, March). Lessons Learned: Transforming Top-Down Leadership into a Team-Facilitative Model, Paper presented at the National Conference on Professional Development Schools Annual Conference, Orlando, Florida.

Maier, J.N., Mackay, L. (2004, March). Professional Development Laboratory School Model. Paper presented at the National Conference on Professional Development Schools Annual Conference. Orlando, Florida.

Forsyth, A., & Maier, J. N., (2004, October). Research on the Affective Domain and Geography Knowledge of Ninth Grade Students. Paper presented at the National Council for Geographic Education Annual Conference. Kansas City, Kansas.

Maier, J. N. (2002, October). Celebrating Women Geographic Educators of the United States of America. Paper/research proposal presented and approved at the National Council for Geographic Educational Annual Conference. Philadelphia, Pennsylvania.

Maier, J. N. & Mc Cormack, S. (2002, October). Big Book Bonanza: Creating Alliances between Geography Standards and Literature. Paper presented at the National Council for Geographic Education Annual Conference. Philadelphia, Pennsylvania.

Maier, J. N. & Brown, D., (2001, August). Teaching Geography and Earth Science with NASA Images. Paper presented at the National Council for Geographic Education Annual Conference. Vancouver, Canada.

Maier, J. N. & Brown, D., (2000, August). Teaching Geography with NASA Images. Paper presented at the National Council for Geographic Education Annual Conference. Chicago, Illinois.

Maier, J. N., et. al. (1999, November). Panel on Research Designs for Geographic Education. Paper presented at the National Council for Geographic Education Annual Conference. Boston, Massachusetts.

Maier, J. N. (1999, November). Geography Teachers using NASA Images: Lesson Learned, Paper presented at the National Council for Geographic Education Annual Conference. Boston, Massachusetts.

Maier, J. N. & Forsyth, A. (1998, October). K-12 Geography Teachers as Researcher: Getting Started. Paper presented at the National Council for Geographic Education Annual Conference. Indianapolis, Indiana.

Maier, J. N. & Gregg, M., (1998, October). Qualitative Research in Geography Education. Half-day seminar at the National Council for Geographic Education Annual Conference. Chair/Organizer and Presenter. Indianapolis, Indiana.

Maier, J. N. & Forsyth, A. (1997, October) The So-What of Geography Education: Some Preliminary Investigations of Affective Learning. Paper presented at National Council for Geographic Education Annual Conference. Orlando, Florida.

Maier, J. N., Cole, D., Greg, M., (1997, October). Qualitative Research in Geography Education: Organizer, Chair, and paper presented at National Council For Geographic Education Annual Conference. Orlando, Florida.

Maier, J. N. & Marquez, J., (1996, November). Correlation's Between Geographic Literacy and Multicultural Sensitivity: Do They Exist? Paper presented at National Council for Geographic Education Annual Conference, Santa Barbara, California.

Marquez, J. & Maier, J. N., (1996, November). Correlations Between Geographic Literacy and Multicultural Sensitivity. Paper presented at National Association for Multicultural Education, Minneapolis, Minnesota.

Maier, J. N. (1996, October). An Application of Schema Theory to Map Comprehension. Paper presented at North American Cartographic Information Society Conference, San Antonio, Texas.

Maier, J. N. & Lucas, J., (1996, June). National Diffusion Network Teaching Geography Workshop. National Geographic Society. Region IV, Houston, Texas.

Maier, J. N. (1996, April). A Case Study of A Pre-service Teacher/Mentor Dyad: An Application of Role Theory to a Pre-service Teacher Mentoring Model. Paper presented at American Educational Research Association. New, York, New York.

- Maier, J. N. (1996, April). A Qualitative Study of Adolescent Students' Map Comprehension: An Application of Schema Theory to Map Reading. Paper presented at American Educational Research Association, New York, New York.
- Maier, J. N. (1995, November). Map Reading Across the Curriculum: Teaching for Understanding. Paper presented at National Council for Social Studies Education Annual Conference, Chicago, Illinois.
- Maier, J. N. (1995, October). A Qualitative Study of Adolescent Students' Comprehension of Maps: An Application of Schema Theory to Map Reading. Paper presented at National Council for Geographic Education Annual Conference, San Antonio, Texas.
- Maier, J. N. (1995, October). Map Reading Across the Curriculum: Linking Adolescent and Children's Literature. Paper presented at National Council for Geographic Education Annual Conference, San Antonio, Texas.
- Maier J. N. & Brumbaugh, F. R. (1994, November). Space Shuttle Photography and Social Studies Education. Poster Session National Council for Social Studies, Phoenix, Arizona.
- Maier, J. N. (1994, November). Teaching for Understanding: Map Comprehension Strategies. Paper presented at National Council for Social Studies, Phoenix, Arizona.
- Maier, J. N. (1994, November). Teaching for Understanding: Map Reading Strategies that Go Beyond Scale and Legend. Paper presented at National Council for Geographic Education Conference, Lexington, Kentucky.
- Nourie, B., & Maier, C. J. (1992, February). Teachers' Nonverbal Communication. Paper presented at Association of Teacher Educators, Orlando, Florida.
- Maier, J. N. (1992, February). Trends in Elementary Social Studies Education. In-service teacher training, Springfield School District, Springfield, Illinois.
- Nourie, B., & Maier, C. J. (1991, July). Teachers' Nonverbal Communication: The need for research. Summer mini-workshop session, Department of Curriculum and Instruction, Illinois State University, Normal, Illinois.
- Maier, C. J., & White, J. (1991, June). Illinois Goals Assessment Program for Social Studies, Decatur, Illinois.
- Bettis, N. C., & Maier, C. J. (1988-90). Illinois Goals Assessment Program for Social Studies. Educational Service Center, #14, Springfield, Illinois.

Regional and State

- Votteler, N. K., & Maier, J.N., (2008, January). Incorporating Writing Strategies in Your Course Without Killing Yourself, Presented at Department Orientation Meeting, College of Education, Sam Houston State University. Huntsville, Texas.

Maier, J. N. McBryde, J., Emerson, L., Hockenberry, K., Ivans, S., (2007, November). Service Learning Projects for Elementary Students, Region IV Service Center Social Studies Annual Conference, Houston, Texas.

Maier, J. N., (2007, March). Professional Dispositions Concerns Resolution Process Policy, Presented at University of Houston-Clear, School of Education Faculty Meeting, Houston, Texas.

Maier, J. N., Sturgeon, H., (2007, March). UHCL Internship Mentor Teacher Training, Day 3, Presented at University of Houston-Clear Lake, Houston, Texas.

Maier, J. N., Sturgeon, H., (2007, February). UHCL Internship Mentor Teacher Training, Day 2, Presented at University of Houston-Clear Lake, Houston, Texas.

Maier, J. N., (2006, September), A transformative process: Top-Down Leadership into a Team-Facilitative Model, Paper presented at the annual research conference of the Center for Research Evaluation and Advancement of Teacher Education (CREATE), San Antonio, Texas.

Maier, J. N., (2006, August). What is a McWhirter Professional Development Laboratory School? Texas State Teachers Association Student Program, University of Houston-Clear Lake, Houston, Texas.

Maier, J. N., (2006, March). A Model for Transforming Top-Down into Facilitative Leadership in K-12 Schools, Lamar-University Educational Research Symposium, Lamar University, Beaumont, Texas.

Maier, J. N. (2005, October). Developing Teacher Leadership in a Top Down v. Team Facilitative Model. CSOTTE Annual Conference, Dallas, Texas.

Maier, J. N., McEnery, L., (2005, October). Total Links: Integrating Content Conceptual Framework for K-12 Schools, Texas Council for Social Studies Education Annual Conference, Galveston, Texas.

Maier, J. N., (2005, August). What is a Professional Development Laboratory School? McWhirter Professional Development Laboratory School Teacher In-Service, Clear Creek ISD and University of Houston-Clear Lake Educational Partnership, Houston, Texas.

Maier, J. N., (2004, October and November). Integrating Language Arts and Social Studies: The A.S.A.P. Model. Workshops presentation at McWhirter Professional Development Laboratory School, Tier I Cohort Professional Development, Webster, Texas.

Maier, J. N., (2004, August). The Professional Development Laboratory School Model. Power-point presentation at the Welcome Back Faculty Meeting, McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Webster, Texas.

Maier, J. N., (2004, July). Developing Team Leadership. Paper presented at the Leadership Team Meeting, McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Webster, Texas.

- Maier, J. N., (2004, July). Understanding the Professional Development Model Framework. Paper presented at the Instructional Coaches Meeting, McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Webster, Texas.
- Maier, J. N., (2004, July). Developing Team Leadership. Paper presented at the Instructional Coaches Team Meeting, McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Webster, Texas.
- Maier, J. N., (2004, June). Understanding the Professional Development Model Framework. Paper presented at the Leadership Team Meeting, McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Dickenson, Texas.
- Maier, J. N. & Hughes, H., (2004, March). Join our Celebration: McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Paper presented at the Clear Lake Business Foundation Annual Luncheon, University of Houston-Clear Lake, Houston, Texas.
- Stamps, C., Maier, J. N., Mackay, L., Mackey, B. (2004, January). The Journey of A Professional Development Laboratory School, Paper presented at the Texas Association of Superintendent Conference, Austin, Texas.
- Maier, J. N., (2003, August). The Professional Development Laboratory Model .Power-point presentation at the Welcome Back Faculty Meeting, McWhirter Professional Development Laboratory School, Clear Creek ISD and University of Houston-Clear-Lake, Webster, Texas.
- Maier, J. N. (2002, September). Understanding Mc Whirter Professional Development Laboratory School Model. Clear Creek ISD, Mc Whirter Faculty Meeting. Webster, Texas.
- Maier, J. N. (2002, September). PT3 Lesson Plan Model. Clear Creek ISD, Mc Whirter Faculty Meeting. Webster, Texas.
- Maier, J. N. (2002, July). Mentoring and the Mc Whirter Professional Development Laboratory School Model. Clear Creek ISD, Mc Whirter Leadership and Instructional Team. Webster, Texas
- Maier, J. N. (2001, February). Teaching Maps and Globes to Young Learners. Texas Alliance for Geographic Education and Friends of Geography Annual Conference. Houston, Texas.
- Maier, J. N. (2001, March). Improving Content Area Reading. Cy-Fair ISD, Houston, Texas.
- Maier, J.N. (2001, April). Building Terrain Models, Fort Bend ISD, Houston, Texas.
- Maier, J. N. (2001, February). UHCL Seven Teaching Standards, Association for Childhood Education International, Houston, Texas.
- Maier, J.N. & Lash, J. (2001, September). New Geography Degree at UHCL. Space Center Houston, Annual Open House for K-12 Science Teachers. Houston, Texas.

- Maier, J. N. & Huss-Keeler, R. (2000, September). Internship Expectations and Portfolio Assessment. Association for Childhood Education International, UHCL, Houston, Texas.
- Maier, J. N. (2000, September). Portfolio Assessment. School of Education Teacher Education Program, UHCL, Houston, Texas.
- Maier, J. N. (2000, August). Teaching Geography and Earth Science using NASA images and Terrain Models. Teacher In-Service, Fort Bend Independent School District, Fort Bend, Texas.
- Maier, J. & Lucas, J. (1999, July). Teaching Geography with Space Images. Two day workshop for elementary and secondary teachers. Texas Education Service Center, Region IV. Houston, Texas.
- Maier, J. (1999, June). Teaching Content Words: Why, What & How. Two Day Teacher In-Service, Fort Bend Independent School District, Fort Bend, Texas.
- Maier, J. & Lucas, J. (1999, Feb.). Space Images to teach Geography. Friends of Geography Annual Conference, Cypress-Fairbanks School Independent School District, Cypress, Texas.
- Maier, J., & Lucas, J. (1998, Feb.). Europe from Space. Friends of Geography Annual conference, Bellaire HISD, Houston, Texas.
- Maier, J. (1998, Feb.). Content Area Reading Strategies That Work. Half-day workshop for Cypress-Fairbanks School District. Upper Elementary and Secondary Social Studies teachers. Houston, Texas.
- Kajs, L. T., & Maier, J. N. (1998, June). Looking at the Process of Mentoring for Beginning Teachers. Paper presented at the Annual Texas Center for Professional Development Conference. Dallas, Texas.
- Maier, J. N. (1998, June). School of Education: Professional Teacher Portfolio and the Seven Teaching Standards. ABC Workshop, UHCL, Houston, Texas.
- Maier, J. (1998, October). Surviving and Thriving in Academia: Geography at the University of Houston-Clear Lake. Paper presentation, History of Geography: Department of Geography of the Southwestern Division Session at the Southwest Association of American Geographers. Baton Rouge, LA.
- Maier, J. (1998, October) Synectics Model: Connecting Social Studies with Language Arts. Teacher Student Education Association, UHCL, Houston, Texas.
- Maier, J., & Sanders, R., (1998, Nov.). Geographic Environmental Opportunity for Students (GEOS) Web-site/cdRom Research and Development. Paper presentation for Environmental Institute of Houston at UHCL, Houston, Texas.
- Maier, J. N. (1997, August). Social Studies Instruction: The Myth that Words Teach Themselves, Keynote address, Harris County Social Studies Leadership Group, Houston, Texas.

- Maier, J. N. (1997, September). Teaching Content Area Reading. Seminar Presentation. Seaborne Conservation Corp., Galveston, Texas.
- Maier, J. N. (1997, October). Teaching Social Studies Content: Understanding the Reading Problem, Paper presented to Middle School and Secondary Social Studies Teachers at Cypress-Fairbanks School District, Houston, Texas.
- Maier, J. N. (1997, October). Content Area Reading: The Myth that Words Teach Themselves, Paper presented to K-5 Teachers at The Kinkaid School, Houston, Texas.
- Linsley-Kennedy, A.; Linsley J.; Maier, J. N.; Lucas, J. (1997, October). Houston from Space to Place. Geography Seminar, Houston, Texas.
- Maier, J. N. (1997, August). Social Studies Instruction: The Myth that Words Teach Themselves, Paper presented at Harris County Social Studies Leadership Meeting, Houston, Texas.
- Maier, J. N. (1997, July). Gifted/Talented Teacher Training: Adapting for the High School. Training at University of Houston-Clear Lake Professional and Continuing Education, Houston, Texas.
- Lucas, J., Roet, J. & Maier, J. (1996, October). Geography and History Standards. Invited Presentation for Secondary Social Studies Teachers of Klein ISD, Klein, Texas.
- Linsley, J., Linsley-Kennedy, A., Lucas, J., & Maier, J. N., et. al (1996, September). Teaching Geography with Shuttle Photography: A Potpourri of Activities. Paper presented at 10th Annual Texas Alliance for Geographic, College Station, Texas.
- Linsley, J., Linsley-Kennedy, A., Lucas, J., & Maier, J. N. (1996, March). Spacin' Out with Geography. Paper presented at 9th Annual GEO-TECH Conference, Dallas, Texas.
- Hill, M., White. M., & Maier, J. N. (1995, March). Geography through Children's Literature. Paper presented at Texas Reading Council Annual Conference, Houston, Texas.
- Maier, J. N. (1995, March). Map Reading: Going Beyond Todalsigs. Paper presented at GEO-TECH Annual Conference, Dallas, Texas.
- Maier, J. N. (1995, February). Map Reading Across the Curriculum. Paper presented at Friends of Geography Annual Conference, Houston, Texas.
- Maier, J. N. (1994, June). Interdisciplinary Unit Planning. Paper presented at National Geographic Society Summer Institute, Bellaire High School, Houston, Texas.
- Brumbaugh, F. R. & Maier, J N. (1994, February). Space Photography and the Five Themes of Geography. Paper presented at Friends of Geography Conference, Houston, Texas.
- Maier, J. N. (1994, February). Beyond Scale and Legend: Map Reading Strategies for Elementary Students. Paper presented at Friends of Geography Conference, Houston, Texas.

Work or Professional Experiences

Associate Professor, Curriculum and Instruction, Sam Houston State University, (2007-present).

Associate Professor , Curriculum and Instruction, Social Studies and Geography Education, University of Houston-Clear Lake, Texas (2000 to 2007)

Assistant Professor, Curriculum and Instruction, Social Studies and Geography Education, University of Houston-Clear Lake, Texas (1994-2000)

Instructor, Curriculum and Instruction, Social Studies and Geography Education, University of Houston-Clear Lake, Texas (1993-1994)

Coordinator, Social Studies Education Program, University of Houston-Clear Lake, Texas (1993 to present)

Coordinator, Geography Program, University of Houston-Clear Lake, Texas (1993-2001)

Director of Geography and Space Technology Institute for National Geographic Society and NASA, University of Houston-Clear Lake, Texas (1994-2000)

Instructional Supervisor and Research Director for UHCL at the McWhirter Professional Development Laboratory School, Educational Partnership between the Clear Creek Independent School District and University of Houston-Clear Lake, Texas (2002 to present)

Coordinator of Internship Capstone Experience and University Supervisors, University of Houston-Clear Lake, Texas (1998-2002 and 2005 to present)

Chair of the Teacher Education Advisory Committee, University and School Districts Supervisors, University of Houston-Clear Lake, Texas (2005-present)

Chair of the University and Community Secondary Education Advisory Committee, University of Houston-Clear Lake, Texas (2006-present)

Chair of the University and Community Teacher Certification Council, University of Houston-Clear Lake, Texas (1997-2002)

Internship with the Governor of Illinois Education Office & Illinois Board of Higher Education Special Projects, Springfield, Illinois (1993)

External Evaluator, State of Illinois Science Literacy Project (1992)

Graduate Teaching and Research Assistant, Curriculum and Instruction Department, Social Studies and Reading Program, Illinois State University, Normal, Illinois (1991-1992)

Adjunct Assistant Professor, Teacher Education, Social Studies and Reading Program, Sangamon State University, Springfield, Illinois (1989-1991)

Director of Education Outreach for Inner City Mission Shelter for the Homeless, Springfield, Illinois (1985-1989)

Reading Diagnostician, Elementary Schools, Lincoln Community School District, Lincoln, Illinois (1979-1984)

Reading Director, Elementary Cross Age Tutor-Student Reading Pilot Program, University of Missouri and Kansas City School District, Kansas City, Missouri (1975-1976)

Department Chair and Social Studies Teacher, North Callaway High School, Auxvasse, Missouri and Sturgeon High School, Sturgeon, Missouri (1971-1974)

Honors and Awards

ATE program finalist Award, Outstanding Student Teaching or Internship Professional Development School program, The Association of Teacher Educators, (2008).

Journal of Geography Award, Best Research Article Related to Teaching Geography at the Secondary Level, *'Affective Outcomes of a World Geography Course,'* National Council for Geographic Education (2006)

Finalist, Minnie Piper Outstanding Professor Award, University of Houston-Clear Lake, Texas (2004-2005)

Fourteen Years Service to University of Houston-Clear Lake Texas, (2007)

Elected member of Leadership Houston, Class XXI, Houston, Texas (2002-present)

Nominated for the Minnie Piper Outstanding Professor Award, University of Houston-Clear Lake, Texas (2001-2002)

Selected for the International Geography Education Research Project, Oxford, England (2001-2004)

Elected member of the National Social Studies Consortium (2000-present)

Five Years Service to University of Houston-Clear Lake Texas, (1999)

Nominated for Outstanding American Award (1998)

Post Doctorate Fellowship, Institute for Space Systems Operations (1996)

First Place Outstanding Dissertation Award, National Council for Geographic Education (1995)

Outstanding Merit Dissertation Award, National Council for Social Studies (1995)

Graduate Research Poster Session Award, Illinois State University, Normal, Illinois (1992)

Geographic Education Fellowship, Illinois State University, Normal, Illinois (1992)

Ada Belle Welsh Scholarship and Ora Bretall Scholarship, Illinois State, University, Normal, Illinois (1991)

Other Competencies

LEADERSHIP AND SERVICE

International

Research Team of International Geography Education Project, IGU, Oxford, England (2001-Present)

International Cartography and Children Research Group, International Geography Congress (1996-Present)

National

Journal of Geography Awards Task Force, National Council for Geographic Education (2007- 2011)

Research and External Relations Committee, National Council for Geographic Education, (2006-2011)

Chair Dissertation Award Task Force, National Council for Geographic Education (2003-2006)

Literacy and Geography Integration Special Interest Group, National Council for Geographic Education (2006)

Founding Member of the National Association for Professional Development Schools (2005)

Chair of selection committee for Outstanding Women in Geography Award (2004-2005).

Editorial committee for Research in Geographic Education Journal (2000- 2004)

Chair of the Women in Geographic Education SI-NET for the National Council for Geographic Education (2000-2003)

Research and External Relations Committee of the National Council for Geographic Education (1998)

Chair, Journal of Geography Awards Selection Committee, National Council for Geographic Education (1999-2000)

Journal of Geography Awards Selection Committee, National Council for Geographic Education (1997-2000)

Appointed Geographic Education Research Task Force, National Council for Geographic Education (1996-2000)

Invited discussant for Summit II Geographic Education, Implementing the National Geography Standards (1997)

Nominated and selected to be an Evaluation Panelist for The National Assessment of Educational Progress (NAEP) Geography achievement level-setting process (1995)

Regional, State and Local

Leadership Houston Class XXI, Houston, Texas (2002- present)

Clear Creek ISD and UHCL Partnership Steering Committee, Houston, Texas (2001-2007)

Project GEAR-UP, San Jacinto Community College, Galena Park ISD, University of Houston-Clear Lake, Houston, Texas (2004-2007)

Education Advisory Committee, San Jacinto Community College (2002- present)

Children's Museum of Houston, Houston, Texas (2002- present)

Harris County Social Studies Leadership Group, Houston, Texas (1993-present)

Geographic Information Systems Associate Degree Advisory Committee, San Jacinto Community College (1999-2001)

Friends of Geography University Advisor, Houston, Texas (1996- 1999)

Appointed to Standard Setting Committee for Texas Geography ExCET program, National Evaluation Systems/State Board for Educator Certification. (1996)

University and School of Education

QEP Committee, Sam Houston State University, 2007-

Professional Development Committee, College of Education, Sam Houston State University, 2007-

Chair of Research Committee, Curriculum and Instruction Department, College of Education, Sam Houston State University, 2007

Chair of Methods Block Field Experience Performance Based Assessment Committee, Curriculum and Instruction Department, College of Education, Sam Houston State University, 2008

Clear Creek ISD and UHCL Educational Partnership Two-Way Immersion Steering Committee (2002-present)

International and Study Abroad Program Committee, UHCL Provost Office, (2006-present)

Chair of James Madison Memorial Fellowship, UHCL (1994-2007)

Academic Review Committee, School of Education (2006-2007)

Chair, Academic Review Sub-Committee, School of Education (2007)

Grade Grievance University Committee, SOE representative (2002-2007)

Faculty Senate, UHCL (1997-1999)

Student Life Committee, UHCL (1997-1998)

Space Age: Mission to Planet Earth ALPHA, Gifted Education Program for Clear Creek ISD, UHCL.
(1994-1996)

Chair, Teacher Advisory Committee, School of Education (2005-2007)

Teacher Certification Council, School of Education (2001- 2007)

Chair, Teacher Certification Council, School of Education (1997-2001)

NCATE Steering Committee, School of Education (2004-2007)

Chair, Field-Based Committee, School of Education (2003)

Post-Tenure Review Committee, School of Education (1999-2007)

Third Review Committee, School of Education (2000-2007)

Promotion and Tenure Committee, School of Education (2000-2007)

Nomination Committee, School of Education (1999-2001)

Chair, Task Force on Teacher Education Preparation, School of Education (1998-2001)

Teacher Preparation Transition Team, School of Education (1998-2001)

Professional Development Schools (PDS) Selection and Site Visitation Committee, School of
Education (1998-2001)

Teacher Preparation Program Restructuring Task Force, School of Education (1994-2001)

Chair, two Geography Searches, School of Education (1998 and 2001)

Chair, four Teacher in Resident Searches, School of Education (1997-2000)

PROFESSIONAL ORGANIZATIONS

Phi Delta Kappa
National Association of Professional Development Schools
National Social Studies Consortium
National Council for Geographic Education
National Council of Social Studies
Texas Alliance for Geographic Education
Texas Council for the Social Studies
Friends of Geography