

Name – Gerald G. Lovedahl

Title – Clinical/adjunct faculty – University Supervisor of Student Teachers

Department – Curriculum and Instruction/Language, Literacy, and Special Populations

College - Education

Degrees Earned

Doctor of Philosophy (Ph.D.), The Ohio State University, 1977

Major: Industrial Technology Education

Minors: Research and Cinema

Dissertation: *An Assessment of the Effectiveness of a Film Presentation in Changing Audience Attitudes Toward and Knowledge of Industrial Arts*

Master of Education (M.Ed.), Trenton State College, Trenton, NJ, 1972

Major: Industrial Arts Education

Bachelor of Science (B.S.), Berea College, Berea, Kentucky, 1969

Major: Industrial Arts

Professional Licensure and Certifications

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

Hansen, John W., & Lovedahl, Gerald G. (2004) "Developing technology teachers: Questioning the industrial tool use model". *Journal of Technology Education*, 15(2), 20-32. (Refereed)

Lovedahl, G.G. (2001) "Technology education's role in the new science standards". *Journal of Technology Studies*, 27(1), 28-32. (Refereed)

Wash, S., Lovedahl, G. & Paige, W. (2000) "Traditionally and alternatively certified technology education teachers' professional development and receptivity to change". *Journal of Industrial Teacher Education*, 37, Issue 2(Winter),31-46. (Refereed)

Havice, W.L. & Lovedahl, G.G. (2000). "Igniting the passion through TECA". *Council on Technology Teacher Education (CTTE) Yearbook*, 49. (Invited essay)

Havice, W.L. & Lovedahl, G.G. (1999). "Technological literacy: the heart of mainstream educational reform". *Teacher Education Journal of South Carolina*, 8(Fall), 134-136. (Refereed)

Havice, W.L. & Lovedahl, G.G. (1999). "Technological literacy at heart of educational reform in state". *Greenville News*, September 18, 1999. (Viewpoint article)

Lovedahl, G.G., Isbell, C.H. & Pate, D.H. (1995). "Articulation: Option for success". *Journal of the South Carolina Academy of Science*, Spring, 1995. (Invited Article)

Lovedahl, G.G. (1993). "You can shape the future". *The Technology Teacher*, 52(7), 18. (Invited Article)

Burkett, B.V., Isbell, C.H. & Lovedahl, G.G. (1991). "South Carolina presents workshops to introduce current CAD technology". *School Shop*, 50(6), 14-15.

Isbell, C.H. & Lovedahl, G.G. (1989). "A survey of recruitment techniques used in industrial arts/technology education programs". *The Journal of Epsilon Pi Tau*, 15(1), 37-41. (Refereed)

Lovedahl, G.G. & Isbell, C.H. (1988). "Introducing CAD into the traditional drafting program". *Industrial Education*, 77(8), 13-14.

- Lovedahl, G.G. & Tesolowski, D.G.(1986). "Planning and conducting effective field trips". *The Technology Teacher*, 45(6), 27-29. (Refereed)
- Lovedahl, G.G. (1986). "Chart helps teachers grade drawings more consistently". *School Shop*, 45(10), 16.
- Lovedahl, G.G. (1983). "Robotics: A new challenge for industrial arts", *Man/Society/Technology*, 42(7), 14-15. (Refereed)
- Lovedahl, G.G. (1979). "Perfect registration realized", *School Shop*, 38(5), 41-43.
- Lovedahl, G.G.(1977). "An assessment of the effectiveness of a film presentation in changing audience attitudes toward and knowledge of industrial arts", Unpublished Ph.D. Dissertation, The Ohio State University.
- Lovedahl, G.G. (1977). "Industrial arts: what it is", *The Ohio Industrial Arts Association Newsletter*, 27 (1), 18. (Invited)
- Lovedahl, G.G. (1972). "A study of industrial education in the Soviet Union", Unpublished Masters Thesis, Trenton State College.

Books

Chapters

Proceedings

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

Funded External Grants

Peer-Review Presentations/Posters

Program Excellence Awards Presentation, International Technology Education Association, 1999-2002.

Technology Education's Role in Constructivist Education of Science Teachers, Presentation at the 86th meeting of the Mississippi Valley Industrial Teacher Education Conference, St. Louis, MO, November 5, 1999.

The Collaborative Learning Environment at Clemson University. Presentation at the 6th Annual LearnTec Conference, Miramichi, New Brunswick, Canada, May 20, 1999

Expanding Student Options Through a 2+2+2 Approach. Presentation at the Clemson University Summer Leadership Institute, Clemson University, July 1, 1998 (With William D. Paige)

Knowledge Knows No Boundaries: Accessing Expertise Via a Web-Mediated Course. Presentation at the 5th Annual LearnTec Conference, Miramichi, New Brunswick, Canada, May 14, 1998 (With Don Whitty)

Real World in the Classroom. Presentation at the 3rd Annual LearnTec Conference, Miramichi, New Brunswick, Canada, May 8-10, 1996 (With Tesolowski, D.G. & Isbell, C.H.)

Evolution of a Graduate-Level Program in Human Resource Development (HRD). Presentation at the 89th Annual American Vocational Association Convention, Denver, CO, December 1-5, 1995 (With Tesolowski, D.G. & Isbell, C.H.)

Technical Advanced Placement: A 2+2+2 Model for Tech Prep Articulation. Presentation at the 24th Annual Convention of the Mid-South Educational Research Association, Biloxi, MS, November 8-10, 1995 (With Tesolowski, D.G. & Isbell, C.H.)

Articulation: Option for Success. South Carolina Academy of Science, Greenville, SC, April 7, 1995 (With Isbell, C.H. and Pate, D.H.)

Tec Prep: A Model Articulation Agreement. International Technology Education Association Conference, Kansas City, MO, March 19-23, 1994 (With Isbell, C.H.)

Articulation...The Key to Expanding Student Options. S.C. State Tech Prep Conference, Columbia, SC, July 25, 1994 (With Isbell, C.H.)

Tech Prep Articulation; Making it Work. Presentation at the Southeastern Technology Education Conference, Boone, NC, October 1994 (With Isbell, C.H.)

Tech Prep Articulation: Making it Work. Presentation at the 88th Annual American Vocational Association Convention, Nashville, TN, Dec. 3-7, 1994 (With Isbell, C.H.)

Expanding Student Options for Advanced Standing. PACE National Workshop for Tech Prep Educators, Greenville, SC, October 17-19, 1993 (With Isbell, C.H. and Wood, J.)

Tech Prep Articulation: New Opportunities for the Neglected Majority. 22nd Annual Convention of the Mid-South Educational Research Association, New Orleans, LA, November 10, 1992 (With Isbell, C.H. & Tesolowski, D.G.)

Exploring the Benefits of a Service-Oriented Course to Enhance Business-Industry-Education Partnerships. Presentation at the 85th Annual American Vocational Association Convention, Los Angeles, CA, December 6-10, 1991 (With Isbell, C.H. & Tesolowski, D.G.)

Successful Recruitment Techniques in Industrial Arts / Technology Education Teacher Programs. Presentation at the 19th Annual Convention of the Mid-South Educational Research Association, New Orleans, LA, November 14-16, 1990 (With Isbell, C.H. & Tesolowski, D.G.)

Evaluation Tools. Presentation at the CSTD Fall Conference, Columbia, SC, October 11-13, 1986

Effective Recruiting of Industrial Technology Education Majors. Presentation at the Southeastern Technology Education Conference, Clemson, SC, September 29-30, 1989

Successful Recruitment Techniques in Industrial Arts/Technology Education Programs. Presentation at the 82nd Annual American Vocational Association Conference, St. Louis, MO, December 1988 (With Isbell, C.H.)

Recruitment Strategies Among Teacher Education Programs. A Presentation at the 50th Annual International Technology Education Association Conference, Norfolk, VA, March 1988 (With Isbell, C.H.)

Utilizing Needs Assessment Techniques to "Predict" the Future. Presentation at the 10th Annual Conference of the Southern Futures Society, Baton Rouge, LA, March 1-4, 1987 (With Isbell, C.H. & Tesolowski, D.G.)

Introducing Computer-Aided Drafting into the Traditional Industrial Arts Drafting Program. A Presentation at the 80th Annual American Vocational Association Convention, Dallas, TX, December 1986 (With Isbell, C.H.)

Potential Utilization of the Videotex Frame Creation System. A Presentation at the

Conference on High Technology, University of North Carolina, Chapel Hill, NC,
January 1986 (With Pate, D.H.)

Developing Training Materials. Presentation at the Carolina Society for Training and
Development Spring Conference, Greenville, SC, March 20-22, 1985
(With Tesolowski, D.G.)

Status Report '84: Industrial Arts in S.C. A Presentation at the 78th Annual American
Vocational Association Convention, New Orleans, LA, December 1984

Status of Industrial Arts in South Carolina. A Presentation at the Southeastern Technology
Education Conference, Knoxville, TN, October 1984 (With Isbell, C.H.)

Techniques of Airbrush Illustration. A Presentation at the 45th American Industrial Arts
Association Conference, Milwaukee, WI, April 1983 (With Isbell, C.H.)

Robotics...A New Challenge for Industrial Arts. A Presentation at the Southeastern
Industrial Education Association Conference, Birmingham, AL, October 1982

Establishing Student Pride and Identity Through the Use of a College Student Association.
A Presentation at the 44th Annual American Industrial Arts Association Conference
Hartford, CT, March 1982 (With Isbell, C.H.)

The Utilization of Industrial Arts Student Associations in the Classroom. A Presentation at
the South Carolina Vocational Education Association Conference, Columbia, SC,
July 1981

Status of Industrial Education Teacher Supply in South Carolina. Presentation at the
Southeastern Trade and Industrial Education Conference, Biloxi, MS, May 1981

Roundtable Officer Exchange. A Presentation at the 42nd Annual American Industrial Arts
Association Conference, St. Louis, MO, March 24-28, 1980

The Effects of Film on Attitudes and Knowledge. Presentation at the Carolina Society for
Training and Development, Greenville, SC, 1979

Effectiveness of Motion Pictures in Industrial Arts Public Relations. Presentation at the
American Industrial Arts Association Annual Conference, Atlanta, GA,
February 1978

Work or Professional Experiences

Intern/Student Teacher Supervisor, University of Houston-Clear Lake
and Sam Houston State University (BISD), 2005-Present

Visiting Assistant Professor, The Ohio State University, 2004-2005

Adjunct Professor, Clemson University (on-line graduate course), 2004

Lecturer, University of Houston, Spring Semester, 2003

Director, Center for Technology Literacy, University of Houston, 2002-2003

Professor Emeritus, Clemson University, 2003

Department Chair, Department of Technology & Human Resource Development,
Clemson University, 1995-1999. Education departments dissolved, became

Unit Coordinator, 1999-2001

Graduate Program Coordinator (MHRD, MINED, Ed.D. Programs), Industrial
Education (THRD) Department, Clemson, 1993-2001

Professor, Department of Technology & HRD, Clemson University, 1989-2002

Teaching Responsibilities: Research, Communications, Media, CAD, & HRD
Associate Professor, Department of Technology & HRD, Clemson University, (1982-1989)
Assistant Professor, Department of Technology & HRD, Clemson University, (1977-1982)
Visiting Professor, Memorial University of Newfoundland (Canada), Summers 1984-1990 & 1992. Taught courses in Industrial Arts and Vocational Education for 8 summers
Graduate Teaching Associate, The Ohio State University, 1974-1977
 Taught undergraduate courses in Graphic Communications
Substitute Teacher, Brazosport Independent School District (grades K-6), Clute, TX, 2003-2004
Industrial Arts Teacher, Council Rock School District, Newtown, PA, 1970-1974
 Taught Graphic Communications to students in grades 6-8 at Newtown Middle School
Industrial Arts Instructor/Materials Center Coordinator, St. Mary's County Schools, Leonardtown, Maryland, 1969-1970 Served as the Materials Center Coordinator at the Technical School during the first semester, and as a high school teacher at Great Mills H.S during the second semester.
Grant Reviewer, National Science Foundation, 2005
Affiliate Professor, Project Lead the Way, 2003
NCATE Folio Reviewer, Council for Technology Teacher Education (CTTE), 2002 & 2004
Grant Reviewer, Technical Foundation of America, 2002
Exemplary Initiation Team Member, Epsilon Pi Tau, Atlanta, Georgia, 2002
Visiting Researcher, New Brunswick Community College, Miramichi, New Brunswick, Canada, January - May 2001 (Sabbatical Leave)
Subject Matter Expert (SME), Harcourt Higher Education (two courses), 2001
National Training Institute Faculty, University of Tennessee, Summers 2001, 2002 & 2003
Study Tour of Great Britain, Technical Foundation of America, June 1999
Board of Directors, International Technology Education Association (ITEA), 1994-1997
Trustee, Foundation for Technology Education, 1994-1997
Grant Reviewer, Fund for Improvement of Postsecondary Education (FIPSE), 1997
Administrative Advisor, Technology Education Collegiate Association (TECA), 1991-1994
Technology Education Leadership Development Program, Technical Foundation of America, 1994
President, Southeastern Technology Education Conference, 1994-1995
Author, Departmental NCATE Folio & Two Rejoinders, 1993-1994
Exhibits Chairperson, International Technology Education Assn. Conference, 1991-1993
Co-Advisor, Clemson TECA Chapter, 1980-1995
Faculty Senator, Clemson University, 1991-1994
Advisor, Clemson Chapter of Iota Lambda Sigma, 1990-1994
Editorial Board, The Technology Teacher, 1987-1991
External Examiner, Memorial University of Newfoundland, 1989
Accreditation Team Member, Southeastern Association of Colleges & Schools (SACS), 1988-Present
Field Coordinator, Assessment of Performance in Teaching (APT), 1986-1997
Site Supervisor, National Teacher's Examination, 1985-1987
Co-Chairman, Ind. Arts Section, S.C. Voc. Education Teacher Educators Conf., 1979
Judge, Technical Writing (H.S.), AIAA National Conference, Cincinnati, Ohio, 1979

Honors and Awards

Program Excellence Leadership Award, International Technology Educ. Assn., 2003
Technology Education Alumni Award of Excellence, The Ohio State University, 2001
Distinguished Service Award, Epsilon Pi Tau Honorary (International), 1998
Faculty Excellence Award, Clemson University Board of Trustees, 1997
Distinguished Technology Educator (DTE), International Technology Educ. Assn., 1997
Distinguished Faculty Advisor, TECA (International), 1995
Fellow, Academy of Human Resource Development, 1993
Teacher of the Year, Gamma Chapter, Iota Lambda Sigma, 1992

Laureate Citation, Alpha Chapter (Ohio State), Epsilon Pi Tau, 1991

Other Competencies