

Robert A. Martin
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Agricultural Education & Studies
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Education

Bachelors of Science - Agriculture	Purdue University	1968
Masters of Science - Education	Purdue University	1974
Doctor of Philosophy - Agricultural Education; Emphasis Area - Educational Administration	The Pennsylvania State University	1981

Professional Experience

1998 to present	Professor & Chair of the Department of Agricultural Education & Studies Director of Ag Comm – Communications Across the Curriculum Program in the College of Agriculture
1993 to 1998	Professor - Fully Tenured, Agricultural and Extension Education, Department of Agricultural Education and Studies: Iowa State University. Coordinator of Research, Academic Advisor, Teacher Education and International Agriculture, Advisor to Alpha Tau Alpha Honorary. Advisor to National Agri-Marketing Association Chapter. Advisor to Graduate Organization in Agricultural Education Full Member of Graduate College; Director Graduate Education, Interim Head of the Department.
1987 to 1993	Associate Professor - Fully Tenured, Agricultural and Extension Education, Department of Agricultural Education and Studies; Iowa State University. Coordinator of Research, Academic Advisor, Advisor to Agricultural Education Club, Advisor to Alpha Tau Alpha Honorary. Advisor to National Agri-Marketing Chapter. Full Member of Graduate College.
1983-1987	Assistant Professor, Agricultural and Extension Education, Department of Agricultural Education, Iowa State University, Ames, Iowa. Coordinator of Early Field-based Experience Program; Coordinator of Young and Adult Farmer Education; Teacher and Extension Education; Academic Advisor; Advisor to Agricultural Education Club. Full Member of Graduate College.

- Summer 1983** Project Associate (Job Training Partnership, Act), Department of Agricultural and Extension Education, The Pennsylvania State University, University Park, PA.
- 1982-1983** Assistant Professor, Agricultural Education, Purdue University, West Lafayette, IN. Preservice Vocational Agriculture Teacher Education, Extension Education, Program Planning, Beginning Teacher Program.
- 1981-1982** Assistant Professor, Department of Agricultural and Extension Education, The Pennsylvania State University, University Park, PA. Preservice Vocational Agriculture Teacher Education, Inservice Education, Curriculum Development, Staff Development, Beginning Teacher Program.
- 1978-1981** Instructor, Department of Agricultural Education, The Pennsylvania State University, University Park, PA. Preservice Education, Inservice Education, Beginning Teacher Program, Curriculum Development, International Agricultural Education.
- 1974-1978** Teacher of Vocational Agriculture, Bremen Senior High School, Bremen, IN. Vocational Agriculture Program, Adult Farmer Education, Advisor Young Farmer Chapter, Advisor Future Farmers of America Chapter, Township 4-H Coordinator.
- 1974** Graduate Instructor, Agricultural Education, Purdue University, West Lafayette, IN.
- 1973** Graduate Assistant, Agricultural Education, Purdue University, West Lafayette, IN.
- 1972** Acting Principal, Waka Secondary School, Biu, Nigeria, West Africa.
- 1971** Vice Principal, Waka Secondary School Biu, Nigeria, West Africa.
- 1968-1972** Teacher of Agriculture/Biology, Waka Secondary School, Biu, Nigeria, West Africa.

Current Professional Academic Memberships

Alpha Tau Alpha, National Honorary Agricultural Education Fraternity
 American Educational Research Association
 Career & Technical Education Research Association
 Association for Career & Technical Education
 American Association for Agricultural Education
 Association for International Agricultural and Extension Education
 Association for Supervision & Curriculum Development

Gamma Sigma Delta, National Honorary Agricultural Fraternity
Iowa Association for Career & Technical Education
Iowa Association of Agricultural Educators
National Association of Colleges and Teachers of Agriculture
National Association for Agricultural Educators
National Agri-Marketing Association
Phi Beta Delta, Honor Society for International Scholars
Phi Kappa Phi, National Scholastic Honorary
Phi Delta Kappa, National Honorary Education Fraternity

Awards, Honors and Recognition

- Honorary American FFA Degree – National FFA Association, 2006
- Fellow of the American Association for Agricultural Education, 2006
- Honorary Iowa FFA Degree, 2005.
- Outstanding Service, The National Council for Agricultural Education, 2005.
- Outstanding Service as Editor, The Agricultural Education Magazine, 2004.
- Past President’s Award – American Association for Agricultural Education, 2004.
- First Runner-up – Outstanding Journal Article of the Year. Journal of Agricultural Education, 2003.
- Outstanding Research Paper Presentation, 2002 – Central Region Agricultural Research Conference, St. Louis, MO.
- Outstanding Service to National Alpha Tau Alpha – 1999 – National ATA Meeting, Louisville, KY
- Outstanding Agricultural Educator - Central Region of American Association for Agricultural Education, 1998
- Outstanding Paper Presentation - Association for International Agricultural & Extension Education, 1997
- Mission Award in Teaching - Gamma Sigma Delta - College of Agriculture, 1996
- Teaching Award of Merit - National Association for College Teachers of Agriculture, 1996
- Outstanding Paper Presentation - Association for International Agricultural & Extension Education, 1996
- Teacher Fellow Award - National Association for Colleges & Teachers of Agriculture, 1995
- Outstanding Leadership Award - Association for International Agricultural & Extension Education, 1995
- National Agri-Marketing Association Outstanding Chapter Advisor, 1994
- Outstanding Club Advisor Award in College of Agriculture, 1993
- Outstanding Research Paper Presentation - Association for International Agricultural and Extension Education, Arlington, VA, 1993
- Outstanding Research Paper Presentation Award - National Agricultural Education Research Meeting, St. Louis, MO, 1992
- Outstanding International Agriculture Award - 1991 Central Region Agricultural Educators

- Recognition of Service as Chairperson of National Agricultural Education Research Meeting, 1990
- Distinguished Service Award - Iowa Vocational Agricultural Teacher's Association, 1989
- Outstanding Young Member - American Association of Teacher Educators in Agriculture, 1987
- Outstanding Service Award, Iowa State University, Agricultural Education Club, 1987
- FFA Service Award, Iowa FFA Association, 1986
- Honorary Young Farmer Member, Iowa Young Farmer Educational Association, 1986
- Kellogg Fellowship Nominee, Penn State University, 1981
- Outstanding Young Teacher of the Year Award, Indiana Vocational Agriculture Teachers Association, 1978
- Young Farmer Chapter Advisor of the Year Award, Indiana Young Farmer Association, 1977
- Outstanding 4-H Alumni Award, 1976
- Outstanding Young Man of America, 1975, 1980
- Purdue Agricultural Education Society, President
- Purdue Agriculture Council
- Purdue Tomahawk Honorary, Senior Advisor
- State Vice President, Indiana FFA Association
- American Farmer Degree, National FFA Organization
- Purdue Varsity Glee Club
- Kiwanis Outstanding 4-H Achievement Award
- 4-H Key Club Award
- Hoosier Farmer Degree, Indiana FFA Association

Publications

A. Refereed Journal Articles

Licht, M.A. & Martin, R.A. (2006). Iowa Crop Producer's Use of Communication Channels. Journal of Applied Communication. (In Process).

Licht, M.A. & Martin, R.A. (2006). Agricultural Issues of Significance to Iowa Crop Producers and Their Educational Implications. Journal of Agricultural Education. (In Process).

Licht, M.A. & Martin, R.A. (2006). Communication Channel Preferences of Iowa Crop Producers. Journal of Extension. (In Process).

Retallick, M.S. & Martin, R.A. (2006). Fifteen-Year Enrollment Trends Related to the Three Components of Comprehensive Agricultural Education Programs. Journal of Agricultural Education. (In Process).

Retallick, M.S. & Martin, R.A. (2005). Economic Impact of Supervised Agricultural Experience in Iowa: A Trend Study. Journal of Agricultural Education, Vol. 46, No. 1, p. 44-54.

Knobloch, N. & Martin, RA. (2002). Characteristics Explaining the Extent of Agricultural

Awareness Activities Integrated into the Elementary Curriculum. Journal of Agricultural Education. Vol 43, No. 4, p. 12-23.

Abaje, K., Martin, R.A., & Williams, D.L. (2001). Sustainable Agriculture in the Curriculum: High School Teachers Perceptions. Journal of Agricultural Education. Vol. 42, No. 2, p. 38-45.

Gray, X.C., Martin, R.A., & Williams, D.L. (2001). Training Needs of Agriculture Graduates of the EARTH School in Costa Rica. Journal of International Agricultural & Extension Education. Vol. 8, No. 1, p. 55-61.

Kotile, D. & Martin, R.A. (2000). Sustainable Agricultural Practices for Weed Management: Implications to Agricultural Extension Education. Journal of Sustainable Agriculture. Vol. 16, No. 2. 2000.

Knobloch, N. & Martin, R.A. (2000). Agricultural Awareness Activities and Their Integrations into the Curriculum as Perceived by Elementary Teachers. The Journal of Agricultural Education. Vol. 41, No. 4, p. 15-26.

Ali, H., Martin, R.A., & Williams, D.L. (2000). Participatory & Empowerment Methods Used by Peace Corps Volunteers in Developing Programs for Village Women in Africa. Journal of International Agricultural & Extension Education. Vol. 7, No. 3, p. 55-60.

Dollisso, Awoke & Martin, R.A. (1999). Perceptions Regarding Adult Learners Motivation to Participate in Educational Programs. The Journal of Agriculture Education. Vol. 40, No. 4.

Tritz, J. & Martin, R.A. (1997). The Collegiate International Experiences: Criteria for Successful Experience Abroad Program. Journal of International Agricultural and Extension Education. Vol. 3, No. 4.

Sammons, S. & Martin, R.A. (1997). Perceptions of Students Regarding Internationalization of the Curriculum in the College of Agriculture. Journal of International Agricultural & Extension Education. Vol. 3, No. 3.

Akpan, M.J. & Martin, R.A. (1996). Perceptions and Activities of Agricultural Education Professors in U.S. Institutions of Higher Education Regarding Internationalization of the Agricultural Education Curriculum. Journal of International Agricultural and Extension Education. Vol. 3, No. 2, P. 63-71.

Elliot, A. C. & Martin, R. A. (1995). A Framework for the Evaluation of the Capacity Building Components in Rural Development Projects: Implications to Agricultural and Extension Education. Journal of International Agricultural and Extension Education. Vol. 2, No. 1, pp. 36-47.

Alonge, A. J. & Martin, R. A. (1995). Assessment of Sustainable Agriculture Practices: Implications to Agricultural Education. Journal of Agricultural Education. Vol. 36, No. 3, 1995.

King, D. R. & Martin, R. A. (1995). Perceptions Regarding the Infusion of a Global Perspective

into the Curriculum as Identified by the Faculty of the College of Agriculture at Iowa State University. Journal of International Agricultural and Extension Education. Vol. 2, No. 1, p. 26-35.

King, D. R. & Martin, R. A. (June, 1994). Perceptions Regarding the Internationalization of the College of Agriculture. National Association of Colleges and Teachers of Agriculture Journal. Vol. 38, No. 2, pp. 39-42.

Rajasekaran, B. & Martin R. A. (Fall, 1994). Incorporating Indigenous Knowledge Systems into Agricultural & Extension Education Programs: A Study of the Perceptions of Extension Professionals in India. Journal of the Association for International Agricultural & Extension Education. Vol. 1, No. 2, pp. 13-21.

Elbasher, K. A. & Martin, R. A. (1994). Perceptions of Young Farmers Regarding the Role of International Agriculture in Agricultural Education. Journal of International Agricultural & Extension Education. Vol. 1, No. 2, pp. 28-34.

Rajasekaran, B., Martin R. A., & Warren, D. M. (1994). A Framework for Incorporating Indigenous Knowledge Systems into Agricultural Extension Organizations for Sustainable Agricultural Development. Journal of International Agricultural & Extension Education. Vol. 1, No. 1, pp. 25-31.

B. Rajasekaran, Martin, R. A., & Warren, D. M. (1993). Indigenous Knowledge Systems and Agricultural Extension. Indigenous Knowledge and Development Monitor. Vol. 1, No. 3, pp. 21-24.

Creswell, J. & Martin, R. A. (1993 Summer). An Assessment of Teaching Strategies Used in Private Pesticide Applicator Education. Journal of Agricultural Education. Vol. 34, No. 2, pp. 18-24.

Martin, R. A. & Alonge, A. J. (1993). A Communications Model for Transfer of Technology in Low-Input Agriculture. Journal of Applied Communications. Vol. 76, No. 2, pp. 34-42.

Martin, R. A. & Campbell, M. (1992). Qualitative Research as a Tool for Agricultural and Extension Education. Journal of Agricultural Education. Vol. 33, No. 4, pp. 55-60.

Martin, R. A. & Bruening, T. (1992). Farmer Perceptions of Soil and Water Conservation Issues. Journal of Agricultural Education. Vol. 33, No. 4, pp. 48-54.

Martin, R. A. & Odubiyi, A. O. (1991). Perceptions of Iowa Vocational Agriculture Teachers Regarding Methods Used in Agricultural Education. Journal of Agricultural Education. Vol. 32, No. 1, pp. 13-17.

Martin, R. A. & Omer, M. H. (1990). Perceptions Regarding Instructional Methods Used in Adult Agricultural Education Programs. Journal of Agricultural Education. Vol. 31, No. 2, pp. 2-6.

- Martin, R. A. & Quinlan, D (1990). Evaluation of On-Farm Microcomputer Use in Iowa. Journal of Agricultural Education. Vol. 31, No. 1, pp. 7-11.
- Martin, R. A. & Sajilan, S. B. (1989). Competencies Related to Teaching Perceived to be Needed by Extension Professionals. Journal of Agricultural Education. Vol. 30, No. 2, pp. 68-72.
- Martin, R. A. (1988). Biotechnology Enters Vocational Agriculture. Vocational Education Journal. Vol. 63, No. 4, pp. 36-38.
- Martin, R. A. & Omer, M. H. (1988). Factors Associated with Participation of Iowa Young Farmers in Agricultural Extension Program. The Journal of American Association of Teacher Educators in Agriculture. Vol. 29, No. 1, pp. 45-52.
- Martin, R. A. & Abeysekera, R. (1987). Supervisory Role Expectations of Extension Professionals in Iowa. The Journal of the American Association of Teacher Educators in Agriculture. Vol. 28, No. 3.
- Martin, R. A. (1987, Spring). Analysis of Needs: Educational Programs for Young and Adult Farmers. The Journal of the American Association of Teacher Educators in Agriculture. Vol. 28, No. 1, pp. 56-64.
- Martin, R. A. (Jan-Feb, 1987). Preparing Teachers for Advisory Committee Work. Vocational Education Journal. Vol. 62, No. 1, pp. 19.
- Martin, R. A., Nwozuzu, E. & Gleason, A. (1986). Perceived Communications and Support Linkages of High School Principals and Vocational Agriculture Teachers. Journal of the American Association of Teacher Educators in Agriculture. Vol. 27, No. 1, pp. 18-26.
- Martin, R. A. & Yoder, E. P. (1985, Winter). Clinical Teaching Analysis: A Procedure for Supervising Teachers. The Journal of the American Association of Teacher Educators in Agriculture. Vol. 26, No. 4, pp. 16-21.
- Martin, R. A. & Howell, D. L. . (1983, Fall). Selected Supervisory Techniques Used by Principals and Their Implications to the Success of Beginning Teachers. Journal of the American Association of Teacher Educators in Agriculture. Vol. 24, No. 3, 1983, pp. 53-60.
- Martin, R. A. & Busse, G. (1983). Ten Steps to Problem-Solving. Vocational Education Journal. Vol. 58, No. 4, pp. 23-33.
- Martin, R. A. (1983). Eight Steps to Curriculum Development. Vocational Education Journal, Agriculture Insider. Vol. 58, No. 6, pp. 23-33.
- Martin, R. A. & Curtis, S. M. (1981). Preparing Teachers From Business and Industry. Vocational Education Journal, Agricultural Insider. Vol. 56, No. 5, pp. 334a-b.

B. Refereed Research Papers and Invited Presentations

Retallick, M.S. & Martin, R.A. (2004). Agricultural Education Enrollment, FFA Membership and SAE Participation Trends in Iowa: A Longitudinal Study. Proceedings of the 2004 North Central Region American Association for Agricultural Education. Purdue University, West Lafayette, Indiana.

Retallick, M.S. & Martin, R.A. (2003). A Longitudinal Study of the Economic Impact of Supervised Agricultural Experience in Iowa. Proceedings of the 2003 National Agricultural Education Research Conference. Orlando, FL.

Sikinyi, T. & Martin, R.A. (2003). The Role of the Biosciences/Biotechnology in the Secondary School Agriculture Curriculum in the North Central Region: Implications to Teacher Education Programs. Proceedings of the North Central States Agricultural Education Research Conference. Columbus, OH.

Knobloch, N. & Martin R.A. (2002). Factors Influencing the Integration of Agriculture into the Elementary School Curriculum: Relevance, Value, Fit and Perceptions. Proceedings of the Central States Agricultural Education Research Conference. St. Louis, MO.

Knobloch, N. & Martin, R.A. (2001). Integrating Agriculture into Student Activities in Elementary Curriculum. Proceedings of the Central States Research Conference of the AAEE. St. Louis, Mo.

Dollisso, A.D. & Martin, R.A. (2001). Perceptions Regarding Preferred Educational Information Sources by Farmers: Implications to International Agricultural Extension Education. Proceedings of the 17th Annual Conference of the Association for International Agricultural & Extension Education. Baton Rouge, LA. p. 95-100.

Othman, M.R. & Martin, R.A. (2001). Empowering Women to Acquire Needed Training & Agricultural Inputs: New Trends in Egyptian Extension Education. Proceedings of the 17th Annual Conference of the Association for International Agricultural & Extension Education. Baton Rouge, LA. p. 415-419.

Martin, R.A. (2001). A Critique of Research: Two Decades of Progress in Globalizing U.S. Extension System by Barbara Ludwig. Proceedings of the 17th Annual Conference of the Association for International Agricultural & Extension Education. Baton Rouge, LA.

Martin, R.A. (2001). A Critique of Research: History of AIAEE: Is the Past a Prelude to the Future? By O. Donald Meaders & Roy Ostos. Proceedings of the 17th Annual Conference of the Association for International Agricultural & Extension Education. Baton Rouge, LA.

Jayaratne, K.S.U., & Martin, R.A. (2001). Agricultural Extension Education Perceptions Regarding Teaching Methods & Tools for Educating Farmers about Sustainable Agricultural Practices. Proceedings of the 2001 Central Region Research Conference of the AAEE. St. Louis Mo.

Jayaratne, K.S.U., Martin, R.A. & DeWitt, J.R. (2001). Perceptions Regarding Sustainable Agriculture: Emerging Trends for Educating Extension Educators. Proceedings of 17th Annual Research Conference of Association for International Agricultural & Extension Education. Baton Rouge, LA. p. 191-197.

Knobloch, N., & Martin, R.A. (2000). Relationship of Elementary Teachers' Perceptions and Activities Conducted Regarding the Integration of Agricultural Awareness Activities into the Curriculum. 27th National Agricultural Education Research Conference. San Diego, CA.

Jayaratne, K.S.U. & Martin, R.A. (2000). Educating Women Farmers in Developing Countries: Problems, Constraints & Alternative Approaches. 2000 Proceedings of the Conference of the Association of International Agricultural & Extension Education. Arlington, VA.

Dollisso, Awoke & Martin, R.A. (2000). Perceptions Regarding Farmer's Motivation to Participate in Extension Programs: Implications to International Agricultural Extension Education. 2000 Proceedings of the Conference of the Association of International Agricultural & Extension Education. Arlington, VA.

Dollisso, Awoke & Martin, R.A. (2000). Barriers to Participation in Extension Programs. Proceedings of the Research Meeting of the Central States Association for Agricultural Education. St. Louis, MO.

Shinn, Y.H. & Martin, R.A. (1999). Teaching Methods, Their Use & Effectiveness as Perceived by Teachers of Agriculture: A National Study with Implications to International Agricultural & Extension Education and Manpower Development. 1999 Proceedings of the Conference of the Association for International Agricultural & Extension Education. Port of Spain, Trinidad.

Shinn, Y.H. & Martin, R.A. (1999). Perspectives on Current & Future Priorities in Agricultural & Rural Development: A Quality Analysis with Implications to Environmental & Human Resource Development in Agricultural Education. 1999 Proceedings of the Conference of the Association for International Agricultural & Extension Education. Port of Spain, Trinidad.

Jayaratne, K.S.U. & Martin, R.A. (1999). Supervised Agricultural Experience Programs in Iowa: A Longitudinal Data Source. Poster Presentation for the 1999 Central States Association for Agricultural Education Seminar. St. Louis, MO.

Jayaratne, K.S.U. & Martin, R.A. (1999). Perceptions Regarding the Journal of Agricultural Education. Research and paper presented to Editing Managing Board of the Journal of Agricultural Education. Orlando, FL.

Dollisso, Awoke & Martin, R.A. (1999). Perceptions Regarding Adult Learners Motivation to Participate in Educational Programs. The Journal of Agricultural Education. Vol. 40, No. 4.

Knobloch, N. & Martin, R. (1998). Perceptions Regarding Agricultural Awareness Activities Used by Elementary Teachers. Proceedings of the 1998 National Agricultural Education Research Meeting, New Orleans, LA.

Kotile, D. & Martin, R.A. (1998). Perceptions Regarding Sustainable Agriculture & Weed Management Practices: Implications to Agriculture Extension. Proceedings of the 1998 National Agricultural Education Research Meeting, New Orleans, LA.

Martin, R.A. & Kotile, D. (1998). Farmer's Perceptions on Sustainable Farming Systems: A Case Study. Proceedings of the 1998 Conference of the Association for International Agricultural & Extension education, Tucson, AZ.

Kotile, D. & Martin, R.A. (1998). Impact of Sustainable Weed Management Practices for a Sustainable Environment: Implications to International Extension Education. Proceedings of the 1998 Conference of the Association for International Agricultural & Extension Education, Tucson, AZ.

Kotile, D., Martin, R.A., & Warren, M. (1998). Indigenous Knowledge Links to Research & Extension for a Sustainable Environment. Proceedings of the 1998 Conference of the Association for International Agricultural & Extension Education. Tucson, AZ.

Dollisso, A. & Martin, R.A. (1998). Reflections of a Project Manager: Myths, Barriers, Strategies & Successes in Durame Cattle Crossbreeding Extension Programs. Proceedings of the 1998 Conference for the Association for International Agricultural & Extension Education. Tucson, AZ.

Shinn, Y.H. & Martin, R.A. (1998). Teaching Strategies, Their Use & Effectiveness as Perceived by Teachers of Agriculture: A National Study. Proceedings of the 1998 Conference for the Association for International Agricultural & Extension Education, Tucson, AZ.

Tritz, J. & Martin, R.A. (1998). Perceptions Held by Female Agricultural Educators Regarding the Role of Women in Agriculture in Uzbekistan: Implications to Agricultural & Extension Education. Proceedings of the 1998 Conference of the Association of Agricultural & Extension Education, Tucson, AZ.

Dale, J. and Martin, R.A. (1997). Perceptions of Alumni of the College of Agriculture Regarding Internationalization of the Curriculum. Proceedings of the Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Tritz, J. & Martin, R.A. (1997). Women in Agriculture Development: Perceptions Regarding Empowerment. Proceedings of the Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Elbasher, K. & Martin, R.A. (1997). Perceptions of Young Farmer Leaders Regarding Internationalization of Agricultural Education: A National Study. Proceedings of the Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Tritz, J. & Martin, R.A. (1997). Poster Session. Proceedings of the Annual Meeting of the Association for International Agricultural and Extension Education. Arlington, VA.

Sammons, S. & Martin, R.A. (1996). Building Linkages with Students: Internationalization of the Curriculum as Perceived by Undergraduates in the College of Agriculture. Proceedings of the Annual Meeting of the Association for International Agricultural and Extension Education. Arlington, VA.

Akpan, M.J. & Martin, R.A. (1996). Building Linkages for Internationalization of the Agricultural & Extension Curriculum in U.S. Universities. Proceedings of the Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Dube, M.A. & Martin, R.A. (1996). Factors that Limit Adults from Participating in Adult Education in Swaziland, Proceedings of the Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Vilalne, A.S., Dube, M.A. & Martin, R.A. (1996). Opinions Regarding Solutions to Problems in Agricultural Extension Held by Extension Workers in Swaziland. Poster Session. Proceedings of the Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Ali, H. & Martin, R.A. (1996). Implementing Participatory & Empowerment Methods for Village Women in Developing Countries. Poster Session. Proceedings of Annual Meeting of the Association for International Agricultural & Extension Education. Arlington, VA.

Martin, R.A. & Akpan, M.J. (1996). Perceptions and Activities of Agricultural Education Professors in U.S. Institutions of Higher Education Regarding Internationalization of the Agricultural Education Curriculum. Proceedings of the Central States Regional Research Meeting of the American Association for Agricultural Education. St. Louis, Mo.

Sammons, S. & Martin, R.A. (1996). Internationalization of the Curriculum as Perceived by Undergraduate Students in the College of Agriculture. Proceedings of the Central States Regional Research Meeting of the American Association for Agricultural Education. St. Louis, MO.

Wirth, D. A. and Martin, R. A. (1995). Infusing a Global Perspective into Education in Agriculture as Perceived by Selected Agri-Business Professionals. Proceedings of the Central States Agricultural Education Regional Research Conference, St. Louis, MO.

Kiefer, A. L. and Martin, R. A. (1995). Perceptions Regarding the Status of Women in Selected Careers in Agriculture: Implications to Agricultural Education. Proceedings of the Central States Agricultural Education Regional Research Conference, St. Louis, MO.

Awang, A. R. and Martin, R. A. (1995). An Assessment of Field-Level Extension Agent Inservice Training Needs Related to the Educational Process. Proceedings of the Central States Agricultural Education Regional Research Conference, St. Louis, MO.

Campbell, S. M. and Martin, R. A. (1995). Assessing the Philosophical Basis of the

Association for International Agricultural and Extension Education. Proceedings of the 11th Annual Conference of the Association for International and Extension Education, Little Rock, AR.

Awang, A. R. and Martin, R. A. (1995). Partnerships in Development: Malaysian Field-Level Extension Agent Inservice Training Needs in the Educational Process. Proceedings of the 11th Annual Conference of the Association for International Agricultural and Extension Education, Little Rock, AR.

Sammons, S. and Martin, R. A. (1995). Poster Presentation - Internationalizing the Curriculum in the College of Agriculture. Eleventh Annual Conference of the Association for International Agricultural & Extension Education. Little Rock, AR.

Martin, R. A. (1994). Extension Organizational Change and Restructuring: Issues, Opportunities, and Impact. Invited Presentation for Extension Education Committee Program, American Association for Agricultural Education, Dallas, TX.

Dube, M. A. and Martin, R. A. (1994). Perceptions of Selected Stakeholders Regarding Agricultural Extension Education in Swaziland. Proceedings of the 58th Annual Central States Research Conference on Agricultural Education, St. Louis, MO.

Martin, R. A. and Williams, E. C. (1994). Agricultural Biotechnology Training Needs of Extension Professionals. Proceedings of the 58th Annual Central States Research Conference on Agricultural Education, St. Louis, MO.

Dube, M. A. and Martin R. A. (1994). Perceptions Regarding Agricultural Extension Education in Swaziland. Proceedings of the 10th Annual Conference of the Association for International Agricultural and Extension Education, Arlington, VA.

Alonge, A. J. and Martin, R. A. (1993). An Assessment of the Farming Systems Research/Extension Approach to Technology Transfer Among Resource-Poor Farmers in the Middle-Belt Region of Nigeria. Proceedings of the 9th Annual Meeting of the Association for International Agricultural & Extension Education; March 18-20, 1993; Arlington, VA.

Rajasekaran, B., Martin, R. A. and Warren, D. M. (1993). A Framework for Incorporating Indigenous Knowledge Systems into Agricultural Extension Organizations for Sustainable Agricultural Development in India. Proceedings of the 9th Annual Meeting of the Association for International Agricultural & Extension Education, March 18-20, 1993; Arlington, VA.

Elbasher, K. A. and Martin, R. A. (1993). Perceptions of Young Farmers Regarding the Role of International Agriculture in Agricultural Education. Proceedings of the 9th Annual Meeting of the Association for International Agricultural & Extension Education, March 18-20, 1993; Arlington, VA.

Alonge, J. and Martin, R. A. (1993). The Adoption of Sustainable Agriculture by Iowa Farmers: The Search for an Explanatory Model. Proceedings of the 57th Annual Central States Research Conference on Agricultural Education, St. Louis, MO.

Wissink, D. and Martin, R. A. (1993). Perceptions of County Extension Professionals Regarding Training & Informational Needs in Sustainable Agriculture. Proceedings of the 57th Annual Central States Research Conference on Agricultural Education, St. Louis, MO.

Martin, R. A. and Voight, Jr., D. G. (1993). An Assessment of the Educational Delivery Systems Employed by Commercial Agronomists in Publicly and Privately Owned Cooperatives. Proceedings of the 20th Annual National Agricultural Education Research Meeting, Nashville, TN. pp. 134-139.

Elbasher, K. A. and Martin, R. A. (1993). Perceptions of Young Farmers Regarding the Role of International Agriculture in Agricultural Education. Proceedings of the 20th Annual National Agricultural Education Research Meeting, Nashville, TN. pp. 314-321.

Rajasekaran, B. and Martin, R. A. (1993). Perceptions of Farmers Regarding Indigenous Knowledge Systems. Proceedings of the 20th Annual National Agricultural Education Research Meeting, Nashville, TN. pp. 385-391.

Martin, R. A. and Williams, E. C. (1993). Perceptions of Agricultural Extension Agents Regarding agricultural Biotechnology Training and Information Needs. Proceedings of the 20th Annual National Agricultural Education Research Meeting, Nashville, TN. pp. 428-434.

Rajasekaran, B. and Martin, R.A. Incorporating Indigenous Knowledge Systems into Agricultural and Extension Education Programs: A Study of Perceptions of Extension Professionals. National Agricultural Education Research Meeting, St. Louis, MO, 1992.

Bruening, T. and Martin, R.A. Farmer Perceptions of Soil and Water Conservation Issues: Implications to Agricultural and Extension Education. National Agricultural Education Research Meeting, St. Louis, MO, 1992.

King, D. and Martin, R.A. Perceptions of Faculty of College of Agriculture Regarding Internationalizing the Curriculum. Central States Research Seminar, Austin, MN, 1992.

Dube, M. and Martin, R.A. Self-Monitoring as an Appraisal System for Agricultural Extension Staff. Eighth Annual Meeting of the Association for International Agricultural and Extension Education, Columbus, OH, 1992.

Brown, R. and Martin, R.A. Agricultural Extension Programs in Peru. Eighth Annual Meeting of the Association for International Agricultural and Extension Education, Columbus, OH, 1992.

Alonge, A.J. and Martin, R.A. Communications Model for Low-Impact Agriculture. Eighth Annual Meeting of the Association for International Agricultural and Extension Education, Columbus, OH, 1992.

Birkenholz, R. J., S. R. Harbstreet, D. A. Law, R. A. Martin, and E. Persons. Model for Focusing Research in Adult Agricultural Education. Proceedings of the Tenth Annual Midwest Research-to-Practice Conference, University of Minnesota, St. Paul, MN, October 3-4, 1991.

King, D. and Martin, R.A.. Internationalizing Education in Agriculture. Global Education Conference, University of Missouri, Columbia, MO, June, 1991.

King, D. and Martin, R.A.. Internationalization of the Post-Secondary Agriculture Curriculum. Seventh Annual Meeting of the Association for International Agricultural and Extension Education, St. Louis, MO, 1991.

Campbell, M. and Martin, R.A. Qualitative Research as a Tool for Agricultural and Extension Education. Seventh Annual Meeting of the Association for International Agricultural and Extension Education. St. Louis, MO, 1991.

Rajasekaran, B. and Martin, R.A. Evaluating the Role of Farmers in the Training and Visit Extension System in India. Tenth Annual Farming Systems Research/Extension Meeting, Michigan State University, East Lansing, MI, October, 1990.

Alonge, A. J. and Martin R.A. An Evaluation of High School Agriculture Education Programs in Anambra State of Nigeria. Proceedings of the Sixth Annual Meeting of Association of Agricultural and Extension Education, Chevy Chase, MD, March, 1990.

Martin, R.A. and Bruening, T. Perceptions of Farmers Regarding Soil and Water Conservation Practices in Iowa: Implications to Agricultural and Extension Education. Central States Agricultural Education Research Conference, Chicago, IL, February, 1990.

Martin, R.A. and Rajasekaran, B. Developing Human Resources for Effective Management of the Natural Resources for Sustained Food Production - A Global Perspective. International Conference on Natural Resources Management for Sustainable Agriculture Development, New Delhi, India, February, 1990.

Martin, R.A. and Bruening, T. Soil and Water Conservation Practices of Iowa Farmers. Winter School of Iowa Association of Soil and Water Conservation Commissioners, Ames, IA, January, 1990.

Martin, R.A., Rajasekaran, B. and Vold, L. A National Study to Determine the Role of Bioscience/Biotechnology in the Study of Agriculture as Perceived by Vocational Agriculture Instructors. National Agricultural Education Research Meeting, Orlando, FL, December, 1989.

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Rajasekaran, B. and Martin, R.A. A Dissemination and Utilization Model of an Integrated Delivery Systems of Dryland Technologies in Developing Countries. International Conference on Dryland Farming, Amarillo, TX, August, 1988.

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Martin, R.A. and Abeysekera, R. The Perceived Role Expectations of Extension Professionals in Iowa. Symposium on Research in Extension Education, The Ohio State University, Columbus, OH, May, 1987.

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Martin, R.A. The Three R's: Redesigning, Reorganizing and Revitalizing Vocational Agriculture Programs in Iowa. American Association of Teacher Educators in Agriculture Annual Meeting on Exchange of Innovations, Dallas, TX, 1986.

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Martin, R.A. Enhancing Agricultural Education through Advisory Committee Action Ideas Session, Central States Region American Association Teacher Educators in Agriculture, Chicago, IL, 1985 and National AATEA Meeting, Atlanta, GA, 1985.

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Martin, R.A. Supervision of Teaching by Clinical Analysis. Annual Meeting of the American Vocational Education Research Association, New Orleans, LA, 1984.

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Martin, R.A. and Yoder, E.P. Selected Supervisory Techniques Used by Principals and Their Implications to Success of Beginning Teachers. American Educational Research Association Annual Meeting, New Orleans, LA, April, 1984.

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Martin, R.A. Using Community Resources. Exchange of Innovations, Eastern Region Meeting of American Association of Teacher Educators in Agriculture, Rehoboth Beach, DE, May 15, 1982.

Martin, R.A. Supervision in Vocational Education. Pennsylvania Vocational Education. Pennsylvania Vocational Education Conference, Lancaster, PA, 1981.

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C. Non-Refereed Publications/Articles

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Martin, R.A. (2003). Are You in the Zone? The Agricultural Education Magazine. Vol. 76, Issue 2, pg. 2.

Martin, R.A. (2003). Teachers as Visionaries: Ten Steps to Success. The Agricultural Education Magazine. Vol. 76, Issue 3, pg. 2.

Martin, R.A. (2003). Re-examining the Teacher's Role. The Agricultural Education Magazine. Vol. 75, Issue 4, pg. 2.

Martin, R.A. (2003). The Many Faces of Advising. The Agricultural Education Magazine. Vol. 75, Issue 5, pg. 2.

Martin, R.A. (2003). Mislarning from Experience: Hooked on a Feeling. The Agricultural Education Magazine. Vol. 75, Issue 6, pg. 2.

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- Martin, R.A. and Howell, D.L. (December 1980). Implications of Selected Supervisory Techniques to the Success of Beginning Teachers of Agriculture. Teacher Education Research Series, Vol. 21, No. 3. Department of Agricultural Education, The Pennsylvania State University.
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D. Non-Research Presentations/Invited Presentations

Martin, R.A. (2004). Careers & Experiences in Agriculture. Lincoln High School, Des Moines, IA. February, 2004.

Martin, R.A. (2003). Careers in Agriculture. Six presentations to high school students in Sibley, IA. March, 2003

Martin, R.A. (2003). Careers in Agriculture. Keosauqua High School. November, 2003.

Martin, R.A. (2002). The Human Side of Agriculture. Presentation to high school students. Lincoln High School. Des Moines, IA. March, 2002.

Martin, R.A. (2000). Twenty Job Getting Skills for Agricultural Education. Presentation to Graduate Student Meeting, Central Region Association for Agricultural Education. St. Louis, MO.

Martin, R.A., Hopkey, A, Jayaratne, K.S.U. & Dollisso, A. (2000). Globetrotting with Agriculture: The International Agriculture Program. Presentation for Agriculture Science Days. Iowa State University, Ames, IA.

Martin, R.A. (1999). Publishing & Reviewing Professional Journal Articles. Presentation to Graduate Students Seminar. Iowa State University, Ames, IA.

Martin, R.A. & Hopkey, A. (1999). International Agriculture Programs & Study Abroad. Presentation for Agricultural Science Days. Iowa State University, Ames, IA.

Martin, R.A. (1999). Powerful Presentations. Presented at North Central Region Teaching Symposium. Iowa State University, Ames, IA.

Martin R.A. (1999). Tips for Acquiring a Professional Position in Agricultural Education. Presentation to the Graduate Student Forum, Association for Agricultural Education. Orlando, FL.

Martin, R.A. (1999). Getting Into & Adjusting to the Profession. Panel Presentation to Graduate Student Meeting, Central Region Association for Agricultural Education. St. Louis, Mo.

Martin, R.A. & Burnett, R. (1999). Explaining Ag Comm: What, Why & How? Presentation to the Provost's Council. Iowa State University, Ames, IA.

Martin, R.A. & Burnett, R. (1999). Ag Comm: Communication Across the Curriculum. Presentation to the External Review Team, Department of English & College of Liberal Arts & Sciences. Iowa State University, Ames, IA.

Burnett, R. & Martin, R.A. (1999). Ag Comm: Engaging Learners Through Communications. Presentation for North Central Region Teaching Symposium. Iowa State University, Ames, IA.

Martin, R.A. (1999). Powerful Presentations: A Toolbox of Helpful Hints & Strategies. Presentation to the Master Gardener's Program. Iowa State University, Ames, IA.

Martin, R.A. (1999) Careers in Agriculture. Presentation at North Mahaska High School. Professor in Classroom Program, College of Agriculture. New Sharon, Iowa.

Martin, R.A. (1998). Urban Schools for Agricultural Education. Proceedings of the Fourth Forum on Agricultural Education in Urban Schools, Philadelphia. PA.

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Martin, R.A. (1997). The Role of Agricultural Education in Urban Schools. Proceedings of the Second Forum on Agricultural Education in Urban Schools. Las Cruces, NM.

Martin, R.A. (1997). Focus, Basic Skills, & Key Questions: Where is Education in Agriculture in Urban Schools Headed? Proceedings of the Third Forum on Agricultural Education in Urban Schools. Chicago, IL.

Martin R.A. (1997). Careers in Agriculture - The 7 Occupational Areas. Visiting Professor Program, Iowa State University, College of Agriculture. Lincoln High School, Council Bluffs, IA.

Martin, R.A. (1997). "International Agriculture & Careers" (2 presentations). Visiting Professor Program, Iowa State University, College of Agriculture. Melcher-Dallas High School & Middle School, Melcher-Dallas, IA.

Martin, R.A. (1997). "International Agriculture" (2 presentations). Visiting Professor Program, Iowa State University, College of Agriculture. Afton High School, Afton, IA.

Martin, R.A. (1997). "Careers in Agriculture." Visiting Professor Program, Iowa State University, College of Agriculture. Melcher-Dallas Elementary School, Melcher-Dallas, IA.

Martin, R.A. (1997). Communications Skills: A Workshop. Chamber of Commerce/Extension Service Leadership & Community Development Project. Chariton, Iowa.

Martin, R.A. (1996). Integration of Science & Agriculture in the Agricultural Education Classroom. Undergraduate Seminar in Agricultural Education at the Central States Regional Meeting of the American Association for Agricultural Education. St. Louis, Mo.

Martin, R.A. (1996). Research -- How to Conduct a Research Project. Minority Students Intern Program in College of Agriculture. Iowa State University. Ames.

Martin, R.A. (1996). Communication Strategies. Pioneer Hybrid, International Educational Services. Johnston, Iowa.

Martin, R.A. (1996). Adult Education: Model for Focusing Research in Agricultural Education. Faculty Seminar Series. Iowa State University. Ames.

Martin, R.A. (1996). Presentation Strategies. Agriculture Ambassadors Program. College of Agriculture. Iowa State University. Ames.

Martin, R.A. (1996). Foreign Travel Grants. College of Agriculture. Iowa State University. Ames.

.Martin, R. A. "Understanding the Adult Learner." Trainer's Institute. Iowa Chapter of American Society for Training & Development, Drake University Business Center. Des Moines, IA. April 25, 1996.

Martin, R. A. "Personal Communication Skills." Monroe County Rural Leadership Forum. Albia, IA. January 23, 1996.

Martin, R. A., "Presentation Skills". Iowa State University Ag. Ambassadors Program. College of Agriculture. November 7, 1995.

Martin, R. A., "Challenges & Opportunities for Rural Schools". Conference on Rural Schools. Des Moines, Iowa. November 15, 1995.

Martin, R. A., "The Future of Agricultural & Extension Education: Issues, Challenges & Opportunities." American Association for Agricultural Education, Extension Education Committee Special Presentation. Denver, Colorado, December 1, 1995.

Martin R. A. "Critique of Research on (4 papers)." Central Region AAAE Research Meeting. American Association for Agricultural Education. St. Louis, Missouri: March 2-3, 1995.

Martin, R. A. "Critique of Research on Internationalization of Extension and Profiles of Extension Education" (4 papers). National Agricultural Education Research Meeting. Denver, Colorado, December 1, 1995.

Martin, R. A. "International Agriculture: Role of Agricultural Education Professionals." Graduate Symposium & Seminar, The Pennsylvania State University, Agricultural & Extension Education Department. University Park, PA. March 20, 1995.

Martin, R. A. "Understanding the Adult Learner." The Trainer's Institute. Iowa Chapter of the American Society for Training & Development. Drake University Business Center. Des Moines, Iowa. April 6, 1995.

Martin, R. A. "Presentations Skills for FFA Officers." Iowa FFA Association Officers' Training. Department of Education, Des Moines, Iowa. May 21, 1995.

Martin, R. A. "Career Opportunities in Agriculture." Ames Middle School. Ames, Iowa. May 19, 1995.

Martin, R. A. "Agricultural Education Whither Thou Goeth." Faculty Seminar: Department of Agricultural Education, ISU. Ames, Iowa. September 18, 1995.

Martin, R. A. "The Future of Extension in the 21st Century." Rural Development Authority/Administration. Chonam Province, South Korea. October 5, 1995.

Martin, R. A. "The Future of Agricultural Education." Seoul National University, College of Agriculture, Seoul, South Korea. October 12, 1995.

Martin, R.A. "Career Opportunities in International Agriculture." Iowa Youth Institute in Agriculture. Ames, Iowa, June, 1994.

Martin, R.A. "Understanding the Adult Learner." The Trainer's Institute. Des Moines, Iowa, April, 1993, 1994, and 1995.

Martin, R.A. "Competencies Needed for Extension Professionals." Summer Presentation, Ministry of Agriculture, Prague, Czech Republic, January, 1994.

Martin, R.A. Panelist - "Career Opportunities and Issues in Agriculture." Youth Conference. Cedar Rapids, Iowa, June, 1993.

Martin, R.A. "International Agriculture and Its Impact." National Meeting of Agricultural Mechanization Conference. Cedar Rapids, Iowa, May, 1993.

Martin, R. A. "Internationalizing the College of Agriculture." University of Tennessee, Martin, TN, March, 1993.

Martin, R.A. "Facilitating Adult Learning." Extension Professional Development. University of Nebraska-Lincoln, Lincoln, Nebraska, April, 1993.

Martin, R.A. "Internationalizing Agriculture and Agricultural Education in Japan." Post-Secondary Student Organization National Conference, Albany, NY, 1991.

Martin, R.A. "Biotechnology in Agricultural Education." Alpha Tau Alpha Seminar, Kansas City, MO, November, 1990.

Martin, R.A. "Team Work in Extension." Southwest Area Extension Professional's Retreat, Lake Panorama, IA, October 30, 1989.

Martin, R.A. "Writing Goals and Objectives." Midwest Cattlemen's Marketing Association. Special workshop on Goal Setting, Ames, IA, 1987.

Martin, R.A. and Bruening, T.H.. "Using Audiovisual Media in Young Farmer Education in Iowa." Central States Seminar, American Association of Teacher Educators in Agriculture, Chicago, IL, 1987.

Martin, R.A. "Young Farmer Educational Programs in the United States of America." International Week of Exchange on Adult Education in Agriculture, Amsterdam, The Netherlands, July, 1987.

Martin, R.A. "Infusing the Study of International Agriculture into Vocational Agriculture Programs." National Vocational Agriculture Teacher's Association, Dallas, TX, 1986.

Martin, R.A. "Organizing for Instruction." Beginning Teachers Workshop, Iowa State University, March 23, 24, 1984.

Martin, R.A. "Clinical Supervision of Teaching." Central States Seminar, American Association of Teacher Educators in Agriculture. Chicago, IL, February, 1984.

Martin, R.A. "Teaching Methods Used in Extension." 4-H Leader Training Workshop, Iowa State University, January 19, 1984.

Martin, R.A. and Gonzalez, I.M. "Needs Analysis: The First Step." Annual Extension Conference. Iowa State University, November, 1983.

Martin, R.A. "Beginning Teacher Survival Skills." New Teacher Workshop, Department of Agricultural Education, Iowa State University, September, 1983.

Martin, R.A., and Yoder, E.P. "Supervising the Student Teacher - The Pre-Observation Conference." Cooperating teacher Workshop, Department of Agricultural and Extension Education, The Pennsylvania State University, July 30, 1983.

Martin, R.A. "Maintaining Enthusiasm for the Total Vocational Agriculture Program" New Jersey Vocational Agriculture Teacher's Association, Newton, NJ, April 2, 1982.

Martin, R.A. and Yoder, E.P. "Clinical Supervision." Cooperating Teachers Workshop, Department of Agricultural and Extension Education. The Pennsylvania State University, July, 1981 and January, 1982.

Martin, R.A. "Utilizing Community Resources." National Academy for Research in Vocational Education Workshop, Atlanta, GA, December, 1981.

Martin, R.A. and Edgar P. Yoder. "Clinical Supervision of Student Teachers." Staff and Faculty Workshop, Department of Agricultural and Extension Education, The Pennsylvania State University, September, 1981.

Martin, R.A. "You are the Gatekeepers to our Profession." Cooperating Teachers Workshop, Department of Agricultural Education, The Pennsylvania State University, July, 1979.

E. Other Invited Research Presentations

Martin, R.A. Critique of Research – Perceptions & Attitudes – From Preservice Needs to Science & Inservice. Proceedings of the Central States Agricultural Education Research Conference. St. Louis, MO. February 23, 2002.

- Martin, R.A. Critique of Research on International Agricultural & Extension Education. National Agricultural Education Research Meeting. Denver, CO. December 1, 1995.
- Martin, R.A. "Critique of Research on Adult Education and Extension," Central Region Research Meeting. St. Louis, MO, 1995.
- Martin, R.A. "Critique of Research on Problem Solving," Central Region Research Meeting. American Association for Agricultural Education. St. Louis, MO, 1994.
- Martin, R.A. "Extension Organizational Change and Restructuring: Issues, Opportunities and Impact," Extension Education Committee Program American Association for Agricultural Education. Dallas, TX, 1994.
- Martin, R.A. "Critique of Research on Student Teaching," National Agricultural Education Research Meeting. St. Louis, MO, 1992.
- Martin, R.A. "Critique of Research," Eighth Annual Meeting of the Association for International Agricultural and Extension Education, Columbus, OH, 1992.
- Martin, R.A. "Critique of Research in Extension Education," Central States Research Seminar in Agricultural Education," Chicago, IL, 1989.
- Martin, R.A. "Critique of Research Reports on Evaluating and Assessing Agricultural Education Efforts," Central States Research Seminar, Chicago, IL, 1987.
- Martin, R.A. "Critique of Research in International Agricultural Education," Association for International Agricultural and Extension Education, Washington, DC, April, 1987.
- Martin, R.A. "Discussion of Research on the Concept of Access in Supervision - Teacher Relationships," American Education Research Association, Special Interest Group- Supervision, Annual Meeting, San Francisco, CA, 1986.
- Martin, R.A. "Discussion of Research Reports on Characteristics of Agriculture Teachers and Extension Agents," Central States Agricultural Education Research Conference, Chicago, IL, 1985.
- Martin, R.A. "Discussion of Research Reports on National Perspectives," National Agricultural Education Research Meeting, Atlanta, GA, 1985.
- Martin, R.A. "Discussion of Research Reports on Vocational Education Programs," Eastern Educational Research Association, Baltimore, MD, 1983.
- Martin, R.A. "Discussion of Research Reports on Improving Program in Agricultural Education," National Agricultural Education Research Meeting, St. Louis, MO, 1982.

F. Grants and Contracts

Martin, R.A. (2002 to 2006). Department of Education Grant in Agricultural Education. \$7,500 each year.

Martin, R.A. (2000). Virtual Center of Excellence for Agricultural Education. USDA, \$40,000. (Funded).

Martin, R.A. (2000). Programs for Research in Agricultural Education. USDA, \$10,000. (Funded).

Martin, R.A., (1997). Secondary School Linkage Program, USA-Russia-Bureau of Educational & Cultural Affairs. Assistance Award Proposal (Proposed \$527,334).

Miller, G., Miller, W., Martin, R.A., & Scofield, G., (1997). Using Computer Networks to Strengthen Internship Programs. USDA Higher Education Challenge Grants Program. (Proposed \$79,608).

Martin, R.A., (1997). Project Director. Advancing Agricultural Science & Biotechnology Education in Cooperation with National FFA Foundation to Carver Foundation. (Proposed \$150,000).

Williams, D., Gamon, J., Weber, E. & Martin, R.A., (1997). Fund for America Project on Conversation Education. (Not funded).

USDA Higher Education Challenge Grant (1996). Communication Across the Curriculum Project. \$68,000. (In cooperation with English Department, D. Russell, R. Burnett, E. Hart & R. Martin.

CARD Project - Egypt Institute of Agriculture - Developing Agricultural Extension Education. May, 1996. \$5,000

Martin, R.A., (1994-1999). Experiment Station Regional Project on Adult Education - Perceptions Regarding Sustainable Agriculture: Implications to Agricultural Education, \$10,000.

Regional Research Project - NC216. \$10,000 - 1997, 1996, 1995.

Martin, R.A., Czech Republic Project, 1993-1994, \$3,000 and 1994-1995, \$3,000.

Sammons, S and Martin, R.A., (1994). International Agriculture Study Grant. \$1,000.

Rajasekaran, B and Martin, R.A., (1990). World Food Institute Grant. \$2,500.

Dube, M. and Martin, R.A., (1990). World Food Institute Grant. \$2,500.

Elbasher, K.R. and Martin, R.A., (1991). World Food Institute Grant and Technology and Social Change Program Grant. \$4,000.

Alonge, A.J. and Martin, R., (1990). Technology and Social Change Program Grant. \$4,000.

Martin, R.A., (1993). Project to Develop an Instructional Unit on Record Keeping Skills. The National FFA Foundation. \$5,000.

Martin, R.A., (1992). Curriculum Development Project. Iowa Department of Education. \$8,000.

Martin, R.A. and Alonge, A., (1990-1991). Rockefeller Foundation Grant for Study of Agronomics Technology Transfer. \$25,000.

Martin, R.A., (1990). Assessing the Needs of Iowa Cattlemen's Association in Planning and Conducting Organizational Activities. Iowa Cattlemen's Association. \$5,956.

Martin, R.A. and Bruening, T.H., (1989). Soil and Water Conservation Practices. Iowa Association of Soil and Water Conservation Commissioners. \$5,460.

Martin, R.A., (1989-present). The Role, Impact and Implications of International Agriculture Technologies and Perspectives in Agricultural and Extension Education. A five year project through the Iowa State University Agricultural and Home Economics Experiment Station. \$10,000.

Martin, R.A., (1989, 1990, 1991). Project Director in National FFA Foundation Project on International Agricultural Education. U.S. & Japan Foundation (\$300,000 over 3 year period).

Martin, R.A. (1984-1989). Adult Education Programs in Agriculture and Their Role in Professional and Economic Development. A five-year research project through Iowa State University Agricultural Experiment Station. \$10,000.

Martin, R.A. (1985-86). Perceptions Regarding Planning and Educating for Diversified Agricultural Production in Iowa. Legislative Environmental Advisory Group Project. \$4,620.

Martin, R.A. (1985, 1986, 1987). Revitalization of Vocational Agriculture Programs. Projects funded for 1984-85 and 1986-87. \$29,500.

Martin, R.A. (1984, 1985, 1986, and 1987). Organization and Enhancement of Iowa Young Farmers Educational Programs for Economic and Community Development, Iowa Department of Public Instruction, Des Moines, IA. \$50,000.

Martin, R.A. (August, 1982). Program for the Follow-up of Beginning and Intern Teachers of Vocational Agriculture 1981-1982: Final Report. Teacher Education Research Services, Vol. 23, No. 3. Department of Agricultural Education, The Pennsylvania State University and Pennsylvania Department of Education. \$15,000.

Martin, R.A. and Curtis, S.M. (September, 1981). The Development and Enhancement of Occupational Competencies of Beginning and Intern Teachers of Vocational Agriculture: Final Report. Contract No. 94-1023, Department of Agricultural and Extension Education, The Pennsylvania State University and Pennsylvania Department of Education. \$12,500.

Martin, R.A. and Curtis, S.M.. (September, 1981). Occupational Competency Development of Intern and Beginning Teachers of Vocational Agriculture: Final Report. Contract No. 94-1023, Department of Agricultural and Extension Education, The Pennsylvania State University and Pennsylvania Department of Education. \$12,500.

Martin, R.A. (September, 1980). Implications of Selected Supervisory Techniques to the Success of Beginning Teachers of Agriculture: Final Report. Contract No. 83-9817. Department of Agricultural Education, The Pennsylvania State University and Pennsylvania Department of Education, Bureau of Research and Evaluation. \$2,000.

Curtis, S.M. and Martin, R.A.. (1979). Competency Development of Beginning and Intern Teachers: Final Report. Contract No. 94-9014. Department of Agricultural Education, The Pennsylvania State University and Pennsylvania Department of Education. \$14,000.

Book Chapters/Computer Programs/Creative Projects

Martin, R. A. (1995) Editor. Final Report: Breaking Communication Barriers: The Age of Enlightenment in Agriculture & Food Systems Education. College of Agriculture Fall Faculty Retreat. ISU. Ames, IA.

Martin, R. A. (1995) Editor. Final Report: Forum on Agricultural Education in Urban Schools. Forum on Agricultural Education in Urban Schools. Iowa State University, Ames, Iowa.

Martin, R. A. (1995) Editor. Supervised Agricultural Experience Programs Report (Brochure). Iowa Department of Education & Governor's Council on Agricultural Education. Des Moines, Iowa.

Bennett, M. B., Curtiss, S. M., Martin, R. A., & Schlotfeldt, P. (1994). The Agricultural Career Interest Inventory. Interstate Publishers, Inc., Danville, IL.

Martin R. A. (1994). Poultry Science and Enterprise Analysis: A Model Enterprise Approach to Teaching SAE. National FFA Foundation and National Vocational Agricultural Teachers Association, Alexandria, Virginia.

King, D. R., & Martin, R. A. (1993). "Internationalization of the post-secondary agricultural curriculum." In Bonanno, A. The Agricultural and Food Sector in the New Global Era. Concept Publishing Company, New Delhi, pp. 213-221.

1995 Teacher's Academy on Agricultural Awareness Instructional Packet. R. A. Martin, Editor.

1995 Supervised Agricultural Experience Programs Report, R. A. Martin, Editor

H. Other Professional Activities

Consultant to The National Council for Agricultural Education (2006-2008).

Secretary, Editing Managing Board of The Agricultural Education Magazine. 2004, 2005, 2006.

Business Manager, The Agricultural Education Magazine. 2003-2004.

President – American Association for Agricultural Education. 2003.

Member, The National Council for Agricultural Education, Vice-President. 2002-2005.

President-Elect – American Association for Agricultural Education, New Orleans, LA. 2002.

Editor – The Agricultural Education Magazine. 2001-2004.

Editor Elect – The Agricultural Education Magazine. 2000.

Vice-President – American Association for Agricultural Education. 2001-2002.

Chair NCA-24 Committee – Advisory Committee on Experiment Station Research in Agricultural Education in North Central Region, 2000-2002.

Secretary NCA-24 Committee – Advisory Committee on Experiment Station Research in Agricultural Education. North Central Region, 1998-2000.

Writer – Standards & Benchmarks – Iowa Department of Education. 1999-2000.

Chairperson – Editing Managing Board – Journal of Agricultural Education, 1998.

Chairperson - Editing Managing Board - Journal of Agricultural Education, 1998.

National President - Alpha Tau Alpha National Honorary in Agricultural Education, 1998-2001.

President - Gamma Sigma Delta - ISU Chapter, 1998.

Secretary - American Association for Agricultural Education (1996).

Elected Vice-President - Gamma Sigma Delta - ISU Chapter.

Theme Editor - The Agricultural Education Magazine.

2 Articles - Journal of International Agricultural & Extension Education, 1996.

Reviewer - 4 papers - National Agricultural Education Research Meeting, 1996.

Discussant - 3 papers - National Agricultural Education Research Meeting, 1996. Cincinnati, Ohio.

Governor's Council on Agricultural Education - Chairperson - Conducted 6 Public Hearings.

Member, Editing & Managing Board. Journal of Agricultural Education, 1996-1998.

Reviewer - Journal of Agricultural Education, 1995, 1996.

Theme - Special Editor on International Agricultural Education in The Agricultural Education Magazine. Focus on Internationalization, 1995.

Reviewer - Journal of Association for International Agricultural & Extension Education, 1995.

Chairperson, Regional Experiment Station Research Project on Adult Education, 1995, 1996.

Secretary, American Association for Agricultural Education, 1995, 1996.

Referred Research Paper Reviewer, Western Region Agricultural Education Research Conference, 1994-1995, 1996.

Refereed Research Paper Reviewer, Southern Region Agricultural Education Research Conference, 1994, 1996.

Book Reviewer for Iowa State University Press. (1994). Theoretical Bases for Systematic Change in Higher Education in Agriculture by H. O. Kunkel et al.

Board Member of CAST (Council on Agricultural Science and Technology) representing American Association for Agricultural Education, 1993-1995, 1996-1998.

National Secretary-Treasurer, Alpha Tau Alpha, National Honorary in Agricultural Education, 1993-1996.

College of Agriculture, International Professor of Agriculture, 1993, 1994, 1995, 1996.

President, Phi Beta Delta, Iowa State University Chapter, 1992-1993.

Special Editor, International Agricultural Education for The Agricultural Education Magazine, 1993, 1994, 1995, 1996.

Reviewer of Articles Considered for Publication, Journal of International Agricultural and Extension Education, 1993-Present (2 per year).

Writer-Consultant, State Department of Education (Iowa) Curriculum Planning Guide in Agricultural Education, 1990-1991.

Reviewer, USAID Project for Linkage Development Grants Program, 1991.

Chairperson, NCR-158 Committee on Adult Education in Agriculture, 1990-1991.

President, Association for International Agricultural and Extension Education, 1989 to 1990.

Reviewer of Articles Considered for Publication, Journal of Agricultural Education, 1985-Present (2 to 3 per year).

Chairperson - National Agricultural Education Research Meeting, Cincinnati, OH, 1990.

Chairperson-Elect - National Agricultural Education Research Meeting, Orlando, FL, 1989.

Treasurer, American Association of Teacher Educators in Agriculture, 1988, 1989, 1990, 1991.

Chairperson, Educator Awareness Committee, Iowa Foundation for Agricultural Awareness, 1989.

Chairperson, National Council on Agricultural Education Task Force on Infusing International Agriculture into the Curriculum, 1988 to present.

Chairperson, Iowa Governor's Council on Agricultural Education, 1989 to present.

Board Member and President-Elect, Association for International Agricultural and Extension Education, 1988 to 1989.

Regional Editor, The Agricultural Education Magazine, 1989, 1990, 1991.

Editorial Review Board, The Journal of American Association of Teacher Educators in Agriculture, 1986-1988.

Member, Adult Education Committee, American Association for Agricultural Education, 1990, 1991.

Theme Editor, June, 1992 Issue of The Agricultural Education Magazine - Theme: Advisory Committees.

Theme Editor, April, 1991 Issue of The Agricultural Education Magazine - Theme: New Directions for Adult Education.

Theme Editor, April, 1990 Issue of The Agricultural Education Magazine - Theme: Global Education.

Theme Editor, April, 1989 Issue of The Agricultural Education Magazine - Theme: Internationalizing the Curriculum.

Theme Editor, 1984 Issue of The Agricultural Education Magazine. Topic: "SOE--Cooperative Education."

Founder and Editor of The HORIZON - Official magazine of the Iowa Young Farmers Educational Association, 1984-1988.

Committee on Agricultural Extension Education, American Association of Teacher Educators in Agriculture, 1982, 1983, Chairperson 1984, 1985, 1986, 1987.

Research Committee, American Vocational Association, 1984-to present.

Publicity Committee AVA - Ag Division, 1987

Secretary, 1984-1985 and 1988-1989 Central Region Seminar of American Association of Teacher Educators in Agriculture, Chicago, IL.

Member of State Committee to Evaluate Career Information Service of Iowa. Department of Education, 1989.

Member, International Committee of American Association of Teacher Educators of Agriculture, 1989-90.

Project Consultant and Proposal Writer, Summer 1983, South East Consortium for International Development. Agricultural Education Project for the Philippines.

Member, North Central Association Evaluation Team, State of Indiana, Department of Public Instruction, 1983; State of Iowa, 1984, 1985, 1987, 1988 and 1989.

Member, National Committee on Exchange of Innovations, American Association of Teacher Educators in Agriculture, 1982.

Program Chairman, Pennsylvania Vocational Education Conference, 1982.

Member, Vocational Program Evaluation Team for 5 Schools in Pennsylvania, Pennsylvania Department of Education, 1980-1982.

Conducted over 65 workshops and seminars for over 200 beginning teachers of vocational agriculture from 1978 to 1986 in Pennsylvania, Indiana and Iowa. These workshops and seminars focused on problem-solving techniques, curriculum planning, teacher survival and coping strategies.

College and University Committees: Advisory Committee on International Education; Vitalizing Committee on International Education, College of Education, Iowa State University, 1984 to present; University Faculty Council, 1984 to 1987; Academic Affairs Committee, 1984 to 1987, Chairperson 1986 to 1987; President's Committee on Faculty Governance, 1985 to 1987; All University Community Council, 1986; College of Agriculture Scholarship Committee, 1985 to 1991, Chairperson, 1988 to 1991; University Bioethics Committee, 1989 to 1990; University International Studies Committee, 1989 to 1990; African Studies Committee, 1989 to present.

College of Agriculture International Professor, 1992-present.

Program and Curriculum Committee for the Secondary Major in International Agriculture, Chair, 1995.

College of Agriculture, Professional Development Committee, 1992-1995; Chair, 1994-1995.
Master of Agriculture Committee, Chair, 1992-1993.

College of Agriculture Promotion and Tenure Committee, 1994-96.

Consultant to Nevada Cooperative Extension Service, Reno, NV, 1985, and Pioneer International, Des Moines, Iowa, 1985-1986.

Consultant, Iowa Cattlemen's Association and Midwest Cattlemen's Marketing Association, 1987, 1988, 1989, 1990, 1991.

International Professional Experiences

Egypt - Institute of Agriculture - Extension on Education Curriculum, 1996.

South Korea - Extension Education/Rural Development Administration, 1995.

Czech Republic - Extension Education Team, 1994-1995

Nigeria, West Africa, 5 years - Teacher and School Administrator, 1969-1973
and 1990-91 - Research Consultant

Thailand - Short Term, 1987 - Research Consultant

The Netherlands - Short Term, 1987 - Adult Education

Japan - Short Term, 1989, 1990, 1991 - Project Director

I. Major Professor for Graduate Student Research

1. Ashley Wolfe, M.S. (2006). Faculty Perceptions of the Undergraduates Mentoring Process in the College of Agriculture.
2. Scott Smalley, M.S. (2006) Perceptions of Agricultural Professionals Regarding Leadership Concepts, Skills, & Traits.
3. Mohamed Camara, Ph.D. (2006). Agricultural Extension Educator's Perceptions Regarding the Teaching & Learning Process Related to Water Quality Issues in the North Central Region.
4. Mathew Muma, Ph.D. (2006). Sustainable Agriculture & the Perceptions of High School Agriculture Teachers in the North Central Region: Implications to Agricultural & Extension Education.
5. Laura Church, M.A. (2006). An Addition to the Yearly Review & Goals Process: Development of a Personalized Professional Growth Plan at Pioneer Hi-Bred International.

6. Melea Reicks Licht, M.S. (2005). Agricultural Information Preferences of Iowa Crop Producers.
7. Robert Jackson, M.S. (2005). A Profile of Secondary Urban Agricultural Education Programs.
8. David Kagima, Ph.D. (2005). Training Programs in Sustainable Agriculture for Postharvest Loss Minimization and Storage: A Case Study in Ethiopia.
9. Ben Kuennen, M.S (2004). Development of Soil Conservation Unit of Instruction to be Used in the Teaching of High School Agriculture.
10. Matt Kostelnick, M.S (2004). Agriculture Study Abroad: A Manual for University Faculty.
11. Michael Adams, M.A (2004). Development of a Supervised Agriculture Experience Record Book: A Creative Component.
12. Frank Kisley, M.S. (2004). Development of a Supervised Agriculture Experience Record Book: A Creative Component.
13. James Richardson, M.A. (2003). Valued Added Agriculture Student Activities: A Creative Component.
14. Theresa Sikinyi Ph.D. (2003). The role of bioscience/biotechnology in agricultural education in the secondary school agriculture curriculum as perceived by agricultural educators.
15. Emmanuel Okefor Ph.D. (2002). Secondary school teachers perceptions regarding the process of teaching sustainable agriculture in the agricultural education curriculum.
16. Edwon Yedlik M.A. (2002). Developing a curriculum in sustainable agriculture.
17. Awoke Dollisso, Ph.D. (2002). Issues regarding sustainable agriculture as perceived by upper level undergraduates in a course on a student managed farm.
18. Andrei Khomoutov, Ph.D. (2001). A historical profile of Valamo Monastery's agricultural practices, with implications for agricultural and extension education.
19. Koralalage S. U. Jayaratne, Ph.D. (2001). Agricultural extension educators' perceptions regarding the teaching and learning processes as related to sustainable agriculture: Implications for agricultural extension education.
20. Tom Paulsen, M.S. (2001). A Nitrogen Management Demonstration at an Agricultural Education/FFA Field Day Development and the Use of an Instructional Model.
21. Allison Hopkey, M.S. (2001). Faculty perceptions regarding the integration of

communication-intensive activities into the College of Agriculture Curriculum.

22. Tony Brockshus, M.S. (2001). Perceptions of Iowa agricultural instructors regarding the focus and delivery of the Agricultural Education Professional Development program.
23. Kehinde Aderemi Ajaiyeoba Agbaje, Ph.D. (1998). Perceptions of secondary school agriculture teachers in the North Central Region of the U.S. regarding sustainable agriculture: Implications to curriculum development in agriculture education.
24. Xenia Ceville Gray, Ph.D. (1998). Perceptions of Costa Rican agricultural employers regarding skills and competencies needed by agriculturalists.
25. Hassan Ali, Ph.D. (1998). Perceptions of female Returned Peace Corps Volunteers regarding the participation and empowerment process for rural African women.
26. Dido Guyo Kotile, Ph.D. (1998). Perceptions regarding sustainable agricultural practices associated with weed management: Implications to agricultural extension education.
27. Awoke Desta Dollisso, M.S. (1998). Perceptions regarding motivation to participate in education programs.
28. Julie Tritz, M.S. 1997. Perceptions Held by Female Agricultural Educators Regarding the Role of Women in Agriculture in Uzbekistan: Implications to Agricultural & Extension Education.
29. Y.H. Shinn, Ph.D. 1997. Teaching Strategies, Their Use & Effectiveness as Perceived by Teachers of Agriculture: A National Study.
30. Joe Dale, Ph.D. 1997. Recent Graduates' Perceptions Regarding the Infusion of a Global Perspective into the Curriculum of Selected Land Grant University Colleges of Agriculture.
31. Neal Knobloch, M.S. 1997. Perceptions of Elementary School Teachers in South East Iowa Regarding Infusion of Agriculture in the Curriculum.
32. Carlos Rosencrans, Ph.D. 1996. Perceptions of Agricultural Education Regarding the Role of Agricultural Mechanization in the Secondary Agricultural Curriculum.
33. Kamal Elbasher, Ph.D. 1996. Perceptions Held by Leaders of the National Young Farmer Education Association (NYFEA) Regarding International Agriculture: Implications to Agricultural and Extension Education.
34. Hassan Ali, Ph.D. 1995. Perceptions of Female Returned Peace Corps Volunteers Regarding the Participation & Empowerment Process for Rural African Women: A Model.
35. Sherry Sammons, M.S., 1995. Perceptions Regarding the Internationalization of the ISU College of Agriculture Undergraduate Curriculum.

36. Shirley Johnson, M. S., 1995. Biotechnology Education for the K-12 Curriculum.
37. Mukuri Wa Githendu, Ph.D. 1995. An Evaluation of Perceptions of Total Quality Management Livestock Practices of Iowa 4-Her's Who Received New Instructional Materials. (Co-Major Professor).
38. Michael Akpan, Ph.D., 1994. Perceptions and Activities of Agriculture Education Teachers in U.S. Institutions of Higher Education Regarding Internationalization of the Curriculum.
39. Annette Kiefer, M.S., 1994. Perceptions Regarding the Role of Women in Selected Agriculture Careers.
40. S. Park, Ph.D., 1993. Computer Use and Training Needs of Extension Professionals in Iowa. (Co-Major Professor).
41. Musa Dube, Ph.D., 1993. An Analysis of the Extension Service in Swaziland.
42. B. Rajasekaran, Ph.D., 1993. A Framework for the Use of Indigenous Knowledge Systems in a Selected Region of India.
43. Adewale Johnson Alonge, Ph.D., 1993. Transfer of Agronomic Technologies in Nigeria: Implications to Agricultural Extension Education.
44. Abdul Awang, Ph.D., 1992. An Assessment of Field-Level Extension Agents' Inservice Training Needs Related to the Educational Process as Perceived by Extension Personnel in Malaysia.
45. David Wissink, M.S., 1992. Perceptions of County-Level Extension Professionals Regarding Training and Informational Needs in Sustainable Agriculture.
46. Martha Brown, Ph.D., 1992. Developing a User-Cordial Retrieval Model Strategy to Access Extension Educational Materials from a North Central Region Database.
47. Delbert Voight, M.S., 1992. An Assessment of the Educational Delivery Systems Employed by Commercial Field Agronomists in Publicly and Privately Owned Cooperatives in Iowa.
48. Craig Williams, M.S., 1992. Perceptions of Iowa Agricultural Extension Agents Regarding Agricultural Biotechnology Training and Informational Needs.
49. Kamal Elbasher, M.S., 1991. Perceptions of Young Farmers in Iowa Regarding Role of International Agriculture in Education.
50. Karin Lawton, M.S., 1991. Role Stressors as Perceived by Iowa State University Extension Field Staff.

51. Patricia Steiner, M.S., 1991. Development of an Evaluation Instrument to Assess User Satisfaction with Extension Programs and Activities.
52. Harris Joseph Sellers, M.S., 1991. An Assessment of Management Practices and Selected Characteristics of Cow-Calf Producers in Selected Counties of Iowa: Implications of Extension Education.
53. Donald King, Ph.D., 1991. Perceptions Regarding the Infusion of a Global Perspective into the Curriculum as Identified by the Faculty of the College of Agriculture at Iowa State University.
54. David Krahling, M.S., 1991. Development of an Education Packet for Teaching the Sioux county Soil Survey.
55. Rebecca Brown Mejia, Ph.D., 1991. An Assessment and Analysis of Agricultural Extension Education in Peru: Implications for Development.
56. John Creswell, Ph.D., 1990. An Identification and Assessment of Extension and Educational Delivery Systems for Training of Private Pesticide Applicators.
57. Adewale Johnson Alonge, M.S., 1990. Iowa Farmers Perceptions Regarding Innovation and Institutional Constraints Influencing the Adoption of Low Input Sustainable Agriculture Practices.
58. James H. Hill. M.S., 1990. Perceptions of Farmers in Hancock County, Iowa, Regarding Farm Record Keeping Systems.
59. Kristin Cashman. Ph.D., 1990. A Grounded theory of the Adoption Process of the Alley-Farming Technology by Yoruba Women in Nigeria.
60. Jose Robert Marcellino, M.S., 1990. An Assessment of the Professional Competencies Perceived to be Needed by Agricultural Extension Agents of the National Institute of Agricultural Technology in Cordoba Province, Argentine Republic.
61. Sharon Drake, Ph.D., 1989. An Analysis of Selected Management Skills and Behaviors Perceived to be Learned and Use by Cooperative Extension Service Professionals in Iowa.
62. Michael Jackson Akpan, M.S., 1989. The role of Volunteer Leaders in the Cooperative Extension 4-H Youth Development Program in Selected Counties in Iowa.
63. Joseph Fulgence, M.S., 1989. Perceptions of Minority Students at Iowa State University About Studies and Careers in Agriculture.
64. Dominic M. Nxumalo, M.S., 1989. Supervisory Role Expectations as Perceived by Agriculture Teachers and High School Principals in Iowa.

65. B. Rajasekaran, M.S., 1989. A National Study to Determine the Role of the Biosciences/Biotechnology in Agricultural Education as Perceived by Vocational Agriculture Instructors.
66. Thomas H. Bruening, Ph.D., 1989. Perceptions of Iowa Farm Operators and Soil Conservation District Commissioners Regarding Selected Soil and Water Conservation Practices.
67. Annette C. Elliot, Ph.D., 1989. A Framework for the Evaluation of the Capacity-Building Components in Rural Development Projects: Implications to Program Development and Agricultural Extension Education.
68. Larry Vold, M.S., 1988. The Role of the Biosciences in the Study of Agriculture as Perceived by the Vocational Agriculture Teachers in Iowa.
69. Pornchulee Nilvises, Ph.D., 1988. The Role of Agricultural Leaders in Farmer Associations and the Implications to Agricultural Extension Education in Thailand.
70. Adekunbi O. Odubiyi, M.S., 1988. Perceptions of Iowa Vocational Agricultural Teachers Regarding Teaching Methods Use in Agricultural Education.
71. Mohammed H. Omer Ph.D., 1987. Analysis of Selected Factors Associated with participation of Iowa Young farmers in Agricultural Extension Programs.
72. David Quinlan, M.S., 1987. An Evaluation of On-Farm Microcomputer Use in Tama County, Iowa.
73. Bia Johnson, Ph.D., 1986. Analysis of Needs: Adult and Post-Secondary Agricultural Education in Easter Navajo Agency.
74. Thomas Bruening, M.S., 1986. An analysis of the Use of Audio-Visual Media in Young Farmer Education in Iowa.
75. Raja Abeysekera, M.S., 1986. Supervisory Role Expectations of Extension Professionals in Iowa.
76. Sulieman B. Sajilan, M.S., 1985. Teaching Competencies Needed by Extension Workers in Transferring New Agricultural Technologies to Farmers in Malaysia.
77. Spencer Empading Sanggin, M.S., 1985. Characteristics and Needs of Farmers in Sixteen Universiti Pertanian Malaysia Sarawak Extension Villages and Their Implications to Extension Program Planning.

J. Program Emphasis

Teaching

Expertise in teaching centers around delivery systems, program planning, comparative international education and adult and extension education. Emphasis has been placed on presentation strategies and sales presentations at the undergraduate level and adult and international extension education at the graduate level. Special courses in management styles and teaching methods have been offered to Extension professionals. International agriculture and biotechnology education have been topics for teacher inservice education. Created and currently coordinate the Teacher's Academy on Agricultural Awareness, a summer workshop for elementary school teachers. Coordinator and Director of Ag Comm – The College of Agriculture Communications Across the Curriculum Program.

Research

Research program has focused on adult and extension education. Helped organize and conduct the first Experiment Station regional project in Agricultural Education. Several studies have been conducted to assess specific needs for adult education programs, program effectiveness and the most appropriate methods to be used in adult education. Research program has currently been focused on the need for the study of international agriculture and the role international agriculture will play in agricultural education. Studies currently being conducted at national, state and local levels.

Extension

Several special workshops have been conducted for Extension professionals focused on management styles, learning styles and delivery systems. Collaborating in the biotechnology education program conducted by Iowa State University. Worked with the Iowa Agricultural Awareness Coalition to present the Teacher's Academy on Agricultural Awareness since 1991.

International

Extensively involved as Chairperson of a major international project with The National Council for Agricultural Education. The Council's project purpose was to infuse an international perspective into the study of agriculture. This project was funded by the U.S. Japan Foundation for over a three-year period at approximately \$300,000. The project was focused on providing an international experience for selected teachers, provide inservice training for teachers and provide sets of instructional materials for teachers of agriculture across the U.S.A. Involved in a project to develop an agriculture extension system in the Czech Republic and agricultural education and Extension education in South Korea and Egypt. Coordinator of a supervisory committee for the secondary major in International Agriculture in the College of Agriculture.