

Lyle E. Westrom
Associate Professor
Agricultural Education
University of Minnesota, Crookston
Curriculum Vitae - Executive Summary

100 H University Teaching and Outreach Center
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Crookston, MN 56716
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618 Eickhof Blvd.
Crookston, MN 56716
218-281-2709
lwestrom@gra.midco.net

A. Education and Employment

1. Education

1987-1990	Mississippi State University, Starkville, MS Agricultural and Extension Education Minor – Dairy Science	PhD
1985-1987	University of Minnesota, St. Paul, MN Agricultural Education Supporting Area – Dairy Science	MA
1970-1974	University of Minnesota, St. Paul, MN Agricultural Education	BS

2. Professional Employment and Rank

1995-present	Associate Professor	University of Minnesota, Crookston Agricultural Education Program Manager (2000-present) Animal Industries Management Program Manager (1998-2003)
1990-1995	Assistant Professor	University of Minnesota, Crookston Animal Industries Management
1989-1990	Instructor	University of Minnesota, Crookston Animal Science

B. Teaching

1. College Courses Taught

AFEE 1001	Introduction to Agricultural Education and Extension
AFEE 2096	Professional Practicum: Early Experience
AFEE 5112	Agricultural Education Organization and Curriculum
AFEE 5114	Agricultural Education Seminar
AFEE 5116	Coordination of SAE Programs: Work-based Learning
AFEE 5118	Strategies for Managing and Advising the FFA
AFEE 5290	Current Issues in Agricultural & Extension Education(ITV)
WCFE 5698	Teaching Internship (student teacher supervision)
AnSc 1004	Introduction to Animal Science
AnSc 1101/1201	Dairy Evaluation (linear)/Advanced Dairy Evaluation
AnSc 3204	Dairy Production
AnSc 3804	Dairy Systems Management
AnSc 4101	Animal Science Seminar
AgBu 1005	World Agricultural Food Systems
GnAg 3203	Agricultural Products and Processing
GnAg 4652	Senior Seminar
Phil 1003	Ethics (agricultural ethics portion)

2. High School Teaching

Three years - High School Agricultural Education

Two years – 50% Adult Farm Business Management/50% High School

C. Consulting

1. Sparsely Populated Agricultural Education Project

2008 Planning for future delivery of Agricultural Education in sparsely populated areas that no longer have agricultural education in their school. The project includes curriculum development, securing funding, working with legislators, working with school districts, surveying student interest.

2. USAID project, MUCIA

2006 Taught Egyptian teachers how to incorporate active learning into lesson plans in Cairo, Egypt

3. Teacher Induction Project

1999-present Department of Children, Families, and Learning; Division of Agricultural, Food, and Environmental Education at the University of Minnesota; and local school districts formalized mentoring program for first year agricultural education teachers.

D. Textbooks

1. Lee, J.S., Hutter, J., Rudd, R., Westrom, L.E., Patrick, A.R., Bull, A.M. (2009). Introduction to Livestock & Companion Animals (3rd Edition, revised). Upper Saddle River: Pearson.
2. Lee, J.S., Hutter, J., Rudd, R., Westrom, L.E., Patrick, A.R., Bull, A.M. (2004). Introduction to Livestock & Companion Animals (3rd Edition). Upper Saddle River: Pearson/Prentice Hall Interstate.
2. Lee, J.S., Biondo, R.J., Hutter, J., Westrom, L.E., Patrick, A.R. (2004). Plants and Animals: Biology and Production. Upper Saddle River: Pearson/Prentice Hall Interstate.
3. Lee, J.S., Hutter, J., Rudd, R., Westrom, L.E., Bull, A.M., Mohr, C.E., Pollock, J. (2000). Introduction to Livestock & Companion Animals (2nd Edition). Danville: Interstate Publishers, Inc.
4. Lee, J.S., Embry, C., Hutter, J., Pollock, J., Rudd, R., Westrom, L.E., Bull, A.M. (1996). Introduction to Livestock & Poultry Production. Danville: Interstate Publishers, Inc.

E. Teaching/Advising Honors and Awards

1. U of M Crookston Outstanding Post Secondary/Adult Program. (2007) Presented by MAAE.
2. MAAE 25 Year Teaching Award. (2006)
3. Crookston Student Association (CSA) Outstanding Advisor Award (2002-2003; 2003-2004; 2004-2005)
4. Distinguished Teaching Award. University of Minnesota, Crookston (1996)

F. Research/Disciplined Inquiry

1. Peterson, R., Westrom, L.E., Nelson, R., & Hoff, D. (2000). The University of UMTC/UMC Partnership Program in Agricultural Food and Environmental Education. \$50,000 transfer from UMTC to UMC each year.
2. Westrom, L. E. (1994). Animal Rights and Animal Welfare Education. In R. B. Ashmore and W. C. Starr (Eds.), Teaching Ethics: An Interdisciplinary Approach. Milwaukee: Marquette University Press.

G. Funded Proposals

1. Westrom, L. E. & Grafstrom, D. (2008). Sparsely Populated Agricultural Education. Minnesota Agricultural Education Leadership Council (MAELC). \$55, 000 requested; \$50,000 funded.
2. Westrom, L. E. (1996). Agricultural and Environmental Ethics Computerized Instructional Improvement. Minnesota Job Skills Partnership Grant, \$1076.

H. Presentations

Refereed

1. Westrom, L. E., Joerger, R. M. & Greiman, B. C. (2008). Retaining Secondary Agricultural Education Teachers: Impact of Senior Mentors within the Minnesota Teacher Induction Program (TIP). Paper presented at the North American Colleges and Teachers of Agriculture Conference, Logan, UT.
2. Bradford, T. A., Westrom, L.E. & Maiga, H. A. (2008). Factors that Contribute to Student Achievement in an Introductory Animal Science Course. Poster presented at the North American Colleges and Teachers of Agriculture Conference, Logan, UT.
3. Maiga, H. A. & Westrom, L.E. (2005, June). Integration of Service-Learning in Animal Science Curriculum at the University of Minnesota, Crookston. Paper presented at the North American Colleges and Teachers of Agriculture Conference, Wooster, OH.

Invited

1. Westrom, L.E. (2006). FFA: Opportunities for Diversity. Invited presentation to the Region II FFA Rally, Brainerd, MN.
2. Westrom, L.E. (2006). Deal or No Deal. Presentation made at the Hawley FFA Banquet, Hawley, MN.
3. Westrom, L.E. (2006). Deal or No Deal. Presentation made at the Blooming Prairie FFA Banquet, Blooming Prairie, MN.
4. Joerger, R. & Westrom, L.E. (February, 2006). Model induction program research, results and resources. National Agricultural Education In-service Program. Indianapolis, IN.

I. Publications

Refereed Journal Articles

1. Maiga, H.S. & Westrom, L.E. (2006). Integration of Service-Learning in Animal Science Curriculum. NACTA Journal, 50(3), 57-64.

Technical Reports

1. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What early career teachers think state supervisors, teacher educators, mentors, and teachers can do. Alexandria, VA: National Council for Agricultural Education.
2. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What agricultural education teachers can do. Alexandria, VA: National Council for Agricultural Education.
3. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What agricultural education teacher-mentors can do. Alexandria, VA: National Council for Agricultural Education.
4. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What agricultural education teacher educators can do. Alexandria, VA: National Council for Agricultural Education.
5. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What state supervisors can do. Alexandria, VA: National Council for Agricultural Education.
6. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2006). Promising professional support and assistance activities for entry-level teachers: What agricultural education teacher-mentors can do. Alexandria, VA: National Council for Agricultural Education.

7. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B.(2006). Promising professional support and assistance activities for entry-level teachers: What early-career agricultural education teachers suggest mentors, teacher educators, state supervisors, and agricultural education teachers can do. Alexandria, VA: National Council for Agricultural Education.
8. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2006). Promising professional support and assistance activities for entry-level teachers: What agricultural education teacher educators can do! Alexandria, VA: National Council for Agricultural Education.
9. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2006). Promising professional support and assistance activities recommended for agricultural education teachers when working with entry-level teachers of agricultural education. Alexandria, VA: National Council for Agricultural Education.

J. Professional honors/activities

1. UMC Parliamentary Procedure Coach of CFFA National Winning Team at the ATA National Conclave Invitational - National FFA Convention, Indianapolis, IN (2006).
2. Honorary American FFA Degree (2003).
3. NACTA Coaches Association President (1998-present).
4. FFA Stars over Minnesota Selection Committee (2002).
5. Minnesota Vocational Agriculture Instructors Association (MVAIA). Business and Industry Award (1998).

K. University related service activities

1. Co-advised Undergraduate Research Opportunity Program (UROP) conducted by James Swenson entitled “Assessing Agricultural Education Needs in Sparsely Populated Areas” (2006).
2. MAAE Summer Conference Workshop Committee Chairperson (2005)
3. Outreach to high schools cooperating with Ardell Knudsvig as he applies science principles to agriculture for area science programs.
4. UMC Collegiate FFA (2000-2007)..

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1. Education

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2. Professional Employment and Rank

1995-present	Associate Professor	University of Minnesota, Crookston Agricultural Education Program Manager (2000-present) Animal Industries Management Program Manager (1998-2003)
1990-1995	Assistant Professor	University of Minnesota, Crookston Animal Industries Management
1989-1990	Instructor	University of Minnesota, Crookston Animal Science
1987-1989	Graduate Assistant	Mississippi State University, Starkville Agricultural and Extension Education
1985-1987	Graduate Assistant	University of Minnesota, Twin Cities Agricultural Education

B. Teaching

1. College Courses Taught

AFEE 1001	Introduction to Agricultural Education and Extension
AFEE 2096	Professional Practicum: Early Experience
AFEE 5112	Agricultural Education Organization and Curriculum
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AnSc 3004	Livestock Facilities and Environmental Systems
AnSc 3204	Dairy Production
AnSc 3804	Dairy Systems Management
AnSc 4101	Animal Science Seminar
AgBu 1005	World Agricultural Food Systems
GnAg 3203	Agricultural Products and Processing
GnAg 4652	Senior Seminar
Phil 1003	Ethics (agricultural ethics portion)
CnEd 1824	Artificial Insemination

2. High School Teaching

Three years - High School Agricultural Education

Two years – 50% Adult Farm Business Management/50% High School

C. Consulting

1. Sparsely Populated Agricultural Education Project

2008 Planning for future delivery of Agricultural Education in sparsely populated areas that no longer have agricultural education in their school. The project includes curriculum development, securing funding, working with legislators, working with school districts, surveying student interest.

2. USAID project, MUCIA

2006 Taught Egyptian teachers how to incorporate active learning into lesson plans in Cairo, Egypt

3. Teacher Induction Project
1999-present Department of Children, Families, and Learning; Division of Agricultural, Food, and Environmental Education at the University of Minnesota; and local school districts formalized mentoring program for first year agricultural education teachers.
4. Professional Witness
1997-present Cases germane to livestock, equipment/technology and associated professional livestock activities.
5. Dairy Diagnostic Team
2000-present Consulting teams work with Northwestern Minnesota dairy farm families.
6. Russian Dairy Training Program
1993 Co-trained four visiting Russian Dairy employees

D. Textbooks

1. Lee, J.S., Hutter, J., Rudd, R., Westrom, L.E., Patrick, A.R., Bull, A.M. (2009). Introduction to Livestock & Companion Animals (3rd Edition, revised). Upper Saddle River: Pearson.
2. Lee, J.S., Hutter, J., Rudd, R., Westrom, L.E., Patrick, A.R., Bull, A.M. (2004). Introduction to Livestock & Companion Animals (3rd Edition). Upper Saddle River: Pearson/Prentice Hall Interstate.
2. Lee, J.S., Biondo, R.J., Hutter, J., Westrom, L.E., Patrick, A.R. (2004). Plants and Animals: Biology and Production. Upper Saddle River: Pearson/Prentice Hall Interstate.
3. Lee, J.S., Hutter, J., Rudd, R., Westrom, L.E., Bull, A.M., Mohr, C.E., Pollock, J. (2000). Introduction to Livestock & Companion Animals (2nd Edition). Danville: Interstate Publishers, Inc.
4. Lee, J.S., Embry, C., Hutter, J., Pollock, J., Rudd, R., Westrom, L.E., Bull, A.M. (1996). Introduction to Livestock & Poultry Production. Danville: Interstate Publishers, Inc.

E. Educational Materials

1. Westrom, L.E., Westrom, S.F. (1993) Linear Evaluation of Dairy Cattle. (slides, sire selection problems, and computerized standard deviation template).
2. Westrom, L.E., Westrom, S.F. (1985). Introduction to Linear Evaluation of Dairy Cattle. **(slides, script, and cassette tape).
3. Westrom, L.E., Westrom, S.F. (1985). Dairy Linear Practice Sets 1,2,3. **(slides, official scores).
**Marketed over 350 sets in 40 states.

F. Teaching/Advising Honors and Awards

1. U of M Crookston Outstanding Post Secondary/Adult Program. (2007)
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2. MAAE 25 Year Teaching Award. (2006)
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2. Westrom, L. E. (1994). Animal Rights and Animal Welfare Education. In R. B. Ashmore and W. C. Starr (Eds.), Teaching Ethics: An Interdisciplinary Approach. Milwaukee: Marquette University Press.
3. Westrom, L. E. (1990). Health Factors as Predictors of Agriculture Teacher Efficacy. Doctoral Dissertation, Mississippi State University.
4. Lee, J. S. & Westrom, L. E. (1988). Health Status of Vocational Agriculture Teachers. Staff study, Mississippi State University.

5. Westrom, L. E. (1987). The Utilization of the Problem Solving Method of Instruction by Vocational Agriculture Instructors and its Impact on Students in Vocational Agriculture Classes. Master of Arts paper, University of Minnesota.

H. Funded Proposals

1. Westrom, L. E. & Grafstrom, D. (2008). Sparsely Populated Agricultural Education. Minnesota Agricultural Education Leadership Council (MAELC). \$55, 000 requested; \$50,000 funded.
2. Westrom, L. E. (1996). Agricultural and Environmental Ethics Computerized Instructional Improvement. Minnesota Job Skills Partnership Grant, \$1076.
3. Johnson, D. Alessi, S., Alferfer, A.A., Barbour, J., Jones, H.C., Evans, S., Forcella, F, French, D., Fuller, E., Jung, H., Lemme, G., Linn, J., Martin, N., Minar, D., Molitor, J., Olness, A., Otterby, D., Pangrac, C., Pangrac, D. Radermacher, E. Rupperecht, M., Russelle, M., Warnes, D., Westrom, L.E. (1995). Sustainable Dairy Farming. Minnesota Institute for Sustainable Agriculture. \$40,000 requested; \$40,000 funded.
4. Johnson, D. Alessi, S., Alferfer, A.A., Barbour, J., Jones, H.C., Evans, S., Forcella, F, French, D., Fuller, E., Jung, H., Lemme, G., Linn, J., Martin, N., Minar, D., Molitor, J., Olness, A., Otterby, D., Pangrac, C., Pangrac, D. Radermacher, E. Rupperecht, M., Russelle, M., Warnes, D., Westrom, L.E. (1994). Sustainable Dairy Farming. Minnesota Institute for Sustainable Agriculture. \$112,557 requested; \$40,000 funded.

I. Presentations

Refereed

1. Westrom, L. E., Joerger, R. M. & Greiman, B. C. (2008). Retaining Secondary Agricultural Education Teachers: Impact of Senior Mentors within the Minnesota Teacher Induction Program (TIP). Paper presented at the North American Colleges and Teachers of Agriculture Conference, Logan, UT.
2. Bradford, T. A., Westrom, L.E. & Maiga, H. A. (2008). Factors that Contribute to Student Achievement in an Introductory Animal Science Course. Poster presented at the North American Colleges and Teachers of Agriculture Conference, Logan, UT.

3. Maiga, H. A. & Westrom, L.E. (2005, June). Integration of Service-Learning in Animal Science Curriculum at the University of Minnesota, Crookston. Paper presented at the North American Colleges and Teachers of Agriculture Conference, Wooster, OH.
4. Westrom, L. E., Brorson, S. & Holder, B. (1993, May). Change it or Close it: Faculty Response to Institutional Change. Paper presented at The Teaching Excellence Conference, Austin, TX.
5. Westrom, L.E. & Lee, J.S. (1990, November). Health Factors as Predictors of Agriculture Teacher Efficacy. Paper presented at the National Agricultural Education Research Meeting, Cincinnati, OH.
6. Westrom, L.E. & Lee, J.S. (1989, December). The Interaction of Secondary Agriculture Teacher Health and the School as a Workplace. Paper presented at the National Agricultural Education Research Meeting, Orlando, FL.
7. Vaughn, P.R. Lee, J.S. & Westrom, L.E. (1989, December). Health Status of Teacher Educators in Agriculture: A National Study. Paper presented at the National Agricultural Education Research Meeting, Orlando, FL.
8. Westrom, L.E. & Lee, J.S. (1989, April). The Interaction of Secondary Agriculture Teacher Health and the School as a Workplace. Paper presented at the Southern Agricultural Education Research Conference, Jackson, MS.
9. Lee, J.S. & Westrom, L.E. (1989, April). Health Care Experiences and Concerns of Secondary Agriculture Teachers in the United States. Paper presented at the Southern Agricultural Education Research Conference, Jackson, MS.
10. Westrom, L.E. & Persons, E. (1988, April). The Utilization of the Problem Solving Method of Instruction by Vocational Agriculture Instructors and its Impact on Students in Vocational Agriculture Classes. Paper presented at the Southern Agricultural Education Research Conference, Orlando, FL.

Invited

1. Westrom, L.E. (2006). FFA: Opportunities for Diversity. Invited presentation to the Region II FFA Rally, Brainerd, MN.
2. Westrom, L.E. (2006). Deal or No Deal. Presentation made at the Hawley FFA Banquet, Hawley, MN.

3. Westrom, L.E. (2006). Deal or No Deal. Presentation made at the Blooming Prairie FFA Banquet, Blooming Prairie, MN.
4. Joerger, R. & Westrom, L.E. (February, 2006). Model induction program research, results and resources. National Agricultural Education In-service Program. Indianapolis, IN.
5. Westrom, L.E. (2004). New York Mills from the Outside is seen through You. Presentation made at the New York Mills FFA Banquet, New York Mills, MN.
6. Westrom, L.E. (2002). Your Future, The Present, Your Past. Presentation made at the Kimball High School FFA Banquet, Kimball, MN.
7. Westrom, L.E. (2001). Animal Science Careers. Presentation made at the UMC Career Fair, Crookston, MN.
8. Westrom, L.E. (1999). UMC/NWES – Programs and Research. Presentation made at the Morrison County DHIA Banquet, Little Falls, MN.
9. Westrom, L.E. (1998). What’s New in Agriculture? Presentation made at the Evansville High School FFA Banquet, Evansville, MN.
10. Westrom, L.E. (1997). Floods, Snowstorms, and Agriculture. Presentation made at the Ashby High School FFA Banquet, Ashby, MN.
11. Westrom, L.E. (1996). Animal Science Careers. Presentation for a Career Fair at Badger High School, Badger, MN.
12. Westrom, L.E. (1996). The Decision is Yours. Workshop given at the 1996 Minnesota FFA Convention, St. Paul, MN.
13. Westrom, L.E. (1996). Total Quality Instruction. Demonstration with students given to Continuous Quality Improvement Faculty Team at UMC.
14. Westrom, L.E. (1995). Make Mine Milk. Presentation made to “Youth Connecting: U Online Program” at the University of Minnesota, Crookston, MN.
15. Westrom, L.E. (1995). Genetic Simulation in Dairy Cattle. Bush Faculty Development/Technology Working Group Seminar at the University of Minnesota, Crookston, MN.

16. Westrom, L.E. & Ihlan, A. (1993). Ethics in Community and Agricultural Leadership. Presentation made at the Red River Valley Emerging Leadership Program, Crookston, MN.
17. Westrom, L.E. (1992). Dairy Linear Trait Update. Presentation made at the MVAIA Summer Workshop, Willmar, MN.
18. Westrom, L.E. (1991). Career Opportunities in Agriculture. Presentation made at Goodridge High School, Goodridge, MN.
19. Westrom, L.E. (1990). Cows and Computers. Presentation made at the 1990 Multicultural Education Fest, University of Minnesota, Crookston.
20. Westrom, L.E. (1990). Dairy Cattle Body Condition Scoring. Presentation made at the Red River Valley Dairy Club summer meeting, Fertile, MN.
21. Westrom, L.E. (1990). Opportunities in the Dairy Industry. Presentation made at the NWES Dairy Days, Crookston, MN.
22. Westrom, L.E. (1989). ABS/UMC Cooperative Continuing Education Concept. Presentation for Northwestern Minnesota ABS Representatives, Alexandria and Thief River Falls, MN.
23. Westrom, L.E. (1989). Linear Evaluation of Dairy Cattle. Workshop presented for Mississippi Agriculture Teachers at the Mississippi Association of Vocational Educators Summer Conference, Jackson, MS.
24. Westrom, L.E. (1989). Involving Schools in Providing Preservice Adult Education Experiences. Presentation for the Exchange of Ideas at the Southern Agricultural Education Research Conference, Jackson, MS.
25. Westrom, L.E. (1988 & 89). Who am I? An eye-opener given at the Institute for Agricultural Leaders (IFAL), Mississippi State University.
26. Westrom, L.E. (1988). Evaluation Report of Institute for Future Agricultural Leaders (IFAL). Presentation made at Mississippi State University College of Agricultural Improvement Symposium.

J. Publications

Refereed Journal Articles

1. Maiga, H.S. & Westrom, L.E. (2006). Integration of Service-Learning in Animal Science Curriculum. NACTA Journal, 50(3), 57-64.

2. Westrom, L.E. & Lee, J.S. (1990). The Interaction of Secondary Agriculture Teacher Health and the School as a Workplace. Journal of Agricultural Education, 31(3), 38-42.

Technical Reports

1. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What early career teachers think state supervisors, teacher educators, mentors, and teachers can do. Alexandria, VA: National Council for Agricultural Education.
2. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What agricultural education teachers can do. Alexandria, VA: National Council for Agricultural Education.
3. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What agricultural education teacher-mentors can do. Alexandria, VA: National Council for Agricultural Education.
4. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2007). Promising psychosocial support activities for entry-level agricultural education teachers: What agricultural education teacher educators can do. Alexandria, VA: National Council for Agricultural Education.
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7. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B.(2006). Promising professional support and assistance activities for entry-level teachers: What early-career agricultural education teachers suggest mentors, teacher educators, state supervisors, and agricultural education teachers can do. Alexandria, VA: National Council for Agricultural Education.
8. Joerger, R., Westrom, L., Greiman, B., Warnick, B., Thompson, G., Croom, B., Armbruster, J., & King, B. (2006). Promising professional support and assistance activities for entry-level teachers: What agricultural education teacher educators can do! Alexandria, VA: National Council for Agricultural Education.
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Other Journal Articles

1. Westrom, L.E. (1990). Can Students Learn in Your School Environment? The Agricultural Education Magazine, 62(12), 7, 23.
2. Westrom, L.E. (1989). University/High School Global Exchange Program. The Agricultural Education Magazine, 61(10), 17-18, 21.

Monographs

1. Lee, J.S. & Westrom, L.E. (1991). Health Experiences, Concerns, and Interactions with Effectiveness of Secondary Agricultural Teachers in the United States. Mississippi State University.
2. Westrom, L.E. (1988). Evaluation of Sponsor and Participant Perceptions of the Institute for Future Agricultural Leaders (IFAL). Evaluation conducted for IFAL sponsors: Mississippi Farm Bureau and Mississippi State University.

K. Professional honors/activities

1. UMC Parliamentary Procedure Coach of CFFA National Winning Team at the ATA National Conclave Invitational - National FFA Convention, Indianapolis, IN (2006).
2. Honorary American FFA Degree (2003).
3. UMC Dairy Judging Coach (1989-present).
4. Region I FFA Parliamentary Procedure Judge (1989, 1999, 2001-2007).

5. NACTA Coaches Association President (1998-present).
6. FFA Stars over Minnesota Selection Committee (2002).
7. Minnesota Vocational Agriculture Instructors Association (MVAIA). Business and Industry Award (1998).
8. Official dairy linear judge – Minnesota State FFA Convention (1986-1992).
9. Official dairy judge – Grant (1995-1996), Pennington (2001), and Clearwater (1999) Counties; Red River Valley Winter Shows Dairy Futurity (1992-1993).
10. American Dairy Science Association – Midwest Student Affiliate Division Advisor, 1995-1996.
11. Ethics Across the Curriculum: Theory and Practice. Stipend recipient to attend a two year summer institute at Marquette University, 1992, 1993.
12. Honorary Minnesota FFA Degree (1992).
13. National Agricultural Education Research Meeting (NAERM), third place award in outstanding paper presentation competition, December, 1989 in Orlando, FL.
14. Minnesota Vocational Agriculture Instructors Association (MVAIA) teaching aids contest, grand champion, 1986.

L. University related service activities

1. Co-advised Undergraduate Research Opportunity Program (UROP) conducted by James Swenson entitled “Assessing Agricultural Education Needs in Sparsely Populated Areas” (2006).
2. MAAE Summer Conference Workshop Committee Chairperson (2005)
3. Outreach to high schools cooperating with Ardell Knudsvig as he applies science principles to agriculture for area science programs.
4. Advisor for UMC Dairy Club (1989-2000) and UMC Collegiate FFA (2000-2007).
5. Ag Activities Day Dairy Contest (1989-present).
6. Bush Faculty Development Committee (2000-2002).
7. Numerous UMC committees including Promotion and Tenure (2002-present), Faculty Assembly Executive (2001-2002, Curriculum (2001-2003), UTOC Art (2001-2003), Development Distribution (2001-2002; 2005-2007), Space (2002-2004), Academics Appointments(2000- 2002), Strategic Planning (2003-2004), Academic Policy and Standards (2006-2007) and other committees.
8. Campus Assembly Vice-President (2001-2003).
9. Numerous search committees.

M. Non-University related service activities

1. Taught English to Russian Students at a Friendship Language Camp in Petrozavodsk, Russia (2000, 2002).
2. International Lions Club member (1986-2007).

