

## **B. Jan Middendorf, Ph.D.**

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### **EDUCATION**

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- 2009 Ph.D., Kansas State University – Manhattan, KS  
Curriculum and Instruction and Evaluation Practice
- 1992 M.A., Ohio University – Athens, OH  
International Affairs, Emphasis: Cross Cultural Education, International Development, and Latin American Studies
- 1987 B.S., University of Rhode Island – Kingston, RI  
Business Administration

Other formal training:

- 2012 Evaluation Certificate of Practice, The Evaluators' Institute (TEI)  
George Washington University – Washington, D.C.

### **PROFESSIONAL EMPLOYMENT**

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- 2016-pres. **Associate Director**, *Feed the Future Innovation Lab for Sustainable Intensification (USAID), Kansas State University, Manhattan, KS*
- 2014–2016 **Program Director**, *Program and Project Evaluation, Divisions of Graduate Education and Human Resource Development, National Science Foundation, Arlington, VA*
- 2011–2014 **Director**, *Office of Educational Innovation and Evaluation, College of Education, Kansas State University, Manhattan, KS: <http://www.k-state.edu/oeie/>*
- 2009-2011 **Acting Director**, *Office of Educational Innovation and Evaluation, College of Education, Kansas State University*
- 2002-2009 **Assistant Director & Chief Development Officer**, *Office of Educational Innovation and Evaluation, College of Education, Kansas State University*
- 2001-2002 **Project Development Specialist**, *Office of Educational Innovation and Evaluation, College of Education, Kansas State University*
- 2000-2001 **Program Coordinator/Grant Writer/Special Assignments**, *Office of State and Federal Programs, Lansing School District, Lansing, Michigan*
- 1999-2000 **Interim Supervisor**, *Board and Information Services – Special Assignment, Lansing School District, Lansing, Michigan*
- 1997-1999 **Program Coordinator**, *Office of State and Federal Programs, Lansing School District*
- 1994-1997 **Community Development Specialist**, *Programs for Linguistic and Cultural Diversity, Lansing School District, Lansing, Michigan*
- 1993-1994 **Development Consultant**, *Inter-Aid International, Tegucigalpa, Honduras*
- 1993-1993 **Project Supervisor**, *Visions International, Inc., Tortola, British Virgin Islands*
- 1991-1992 **Peace Corps Recruitment Coordinator**, *Center for International Studies, Ohio University*
- 1988-1990 **Peace Corps Volunteer**, *Peace Corps/Committee for Development & National Emergency (CEDEN), Maraita, Honduras*

### **HONORS AND AWARDS**

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- President's Award of Excellence for Unclassified Professionals in exceptional productivity, creativity, and leadership, Kansas State University – Manhattan, KS (2014)
- Graduate Student of the Year, College of Education, Kansas State University – Manhattan, KS (2009)
- Partnership Award for Mission Integration and Leadership in Integrating Research, Education, and Extension to Address Watershed Restoration and Protection – Washington, D.C. (2009)
- Outstanding Academic Achievement Award, Ohio University (1992)

## PUBLICATIONS

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### *Peer-Reviewed Articles and Chapters*

- Jha, P.K., Araya, A., Stewart, Z.P., Faye, A., Traore, H., **Middendorf, B.J.** & Prasad, P.V.V. (2021). Projecting potential impact of COVID-19 on major cereal crops in Senegal and Burkina Faso using crop simulation models. *Agricultural Systems*, 190, 103107. <https://doi.org/10.1016/j.agsy.2021.103107>
- Middendorf, B.J.**, Faye, A., Middendorf, G., Stewart, Z.P., Jha, P.K., & Prasad, P.V.V. (2021). Smallholder farmer perceptions about the impact of COVID-19 on agriculture and livelihoods in Senegal. *Agricultural Systems* 190, 103108. <https://doi.org/10.1016/j.agsy.2021.103108>
- Stewart, Z.P., Pierzynski, G.M., **Middendorf, B.J.**, and P.V.V. Prasad. (2020). "Approaches to Improve Soil Fertility in Sub-Saharan Africa." *Journal of Experimental Botany*. DOI: 10.1093/jxb/erz446
- Middendorf, B.J.**, Prasad, P.V.P, and Pierzynski, G. (2019). "Setting research priorities for tackling climate change." *Journal of Experimental Botany*, Vol. 71, No.2 pp 480-489, <https://doi.org/10.1093/jxb/erz360>
- Thurston, L., Shuman, C., **Middendorf, B.J.**, Johnson, C. (2017). "Postsecondary STEM Education for Students with Disabilities: Lessons Learned from a Decade of NSF Funding." *Journal of Postsecondary Education and Disability*, Volume 30, (1), 49-60.
- Middendorf, B.J.**, Stewart, Z.P., and Prasad, P.V.V. (2016). Final Report of the Research Uptake Study Survey Results. Bureau for Food Security USAID. Washington D.C., United States.
- Richardson, D., Freeman, L., York, V., Shuman, C., & **Middendorf, B.J.** (2012). "Experiences and Insights from Use of a Design-Build Process in Founding a New Campus." *The Journal of the Society for College and University Planning*, Volume 40 (4), 23-31.
- Britton, D., Baird, C., Dyer, R., **Middendorf, B.J.**, Smith, C., and Montelone, B. (2012). "Surveying the Campus Climate for Faculty: A Comparison of the Assessments of STEM and non-STEM Faculty." *International Journal of Gender, Science and Technology*, Vol. 4 (1), 102-122.
- Thurston, L.P., **Middendorf, B.J.** (2009). Deciding What Works: A Seven-Step Model for Evaluating Strategic Programming. In D. Chubin, A. DePass, and L. Blockus (Eds.) *Understanding Interventions That Broaden Participation in Research Careers*. Vol. 3, 87-90. USA: AAAS.
- Middendorf, B.J.**, & Benton, S. (2009). Trends in Chair Responsibilities. *The Department Chair*, Vol. 20 (2), 23-25.
- Thurston, L.P., **Middendorf, B.J.** (2009). Assessing leadership in higher education: Variables, measures, and standards for evaluating administrators and students. *Educational Considerations*, 37 (1), 11-19.

Hargrove, W., Johnson, D., Sneath, D., **Middendorf**, B.J. (2010). From Dust Bowl to Mud Bowl: Sedimentation, conservation measures, and the future of reservoirs. *Journal of Soil and Water Conservation*, Vol. 1 65 (1).

### ***Electronic Applications***

Stewart Z.P., Middendorf B.J., Prasad P.V.V., Musumba, M., Grabowski, P., Palm, C., and Snapp, S. 2018. Sustainable Intensification Assessment Framework Online Toolkit. [www.sitoolkit.com](http://www.sitoolkit.com).

### ***Research, Technical, and Evaluation Reports***

[**Summary:** Middendorf has served as lead author, editor, and designer of over 500 project and program evaluations and other research and technical reports. Below is a selection of some of the more recent reports].

**Middendorf, B.J.** and Carnes, R. (2020). International Network-to-Network Annotative Bibliography. National Science Foundation under Grant No. 1842111. <https://hdl.handle.net/2097/41543>

Stewart, Z.P., U. Singh, J. Glover, J. Peters, B.J. **Middendorf**, and P.V.V Prasad. 2019. Summary Report of the Joint Summit on Soil Fertility to Scale in Ethiopia: SOILS Consortium: I. Summit Results©. Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium, Muscle Shoals, AL.

Stewart, Z.P., U. Singh, J. Glover, J. Peters, B.J. **Middendorf**, and P.V.V Prasad. 2019. Summary Report of the Joint Summit on Soil Fertility to Scale in Niger: SOILS Consortium: I. Summit Results©. Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium, Muscle Shoals, AL.

Stewart, Z.P., Pierzynski, G.M., **Middendorf**, B.J., & Prasad, P.V.V. 2017. Sub-Saharan Africa Soil Fertility Prioritization Report. *Bureau for Food Security USAID*. Washington D.C., United States.

**Middendorf**, B.J., Pierzynski, G.M., Stewart, Z.P., & Prasad, P.V.V. 2017. Sub-Saharan Africa Soil Fertility Prioritization: Summit Results. *Bureau for Food Security USAID*. Washington D.C., United States.

Pierzynski, G.M., **Middendorf**, B.J., Stewart, Z.P., & Prasad, P.V.V. 2017. Sub-Saharan Africa Soil Fertility Prioritization: Survey Results. *Bureau for Food Security USAID*. Washington D.C., United States.

**Middendorf, B.J., Stewart, Z.P., & Prasad, P.V.V.** 2016. Final Report of the Research Uptake Study Survey Results. *Bureau for Food Security USAID*. Washington D.C., United States.

**Middendorf, B.J., Middendorf, G.** (2010). Evaluation Results of Impact Study for Comfort The Children (CTC) International Program, Maai Mahiu, Kenya.

### ***Doctoral Thesis***

**Middendorf, B.J.** (2009). “*Evaluating department chairs’ effectiveness using faculty ratings.*” Ph.D. Dissertation, College of Education, Kansas State University, Manhattan, KS.

### ***Electronic Applications***

Stewart Z.P., **Middendorf B.J.**, Prasad P.V.V., Musumba, M., Grabowski, P., Palm, C., and Snapp, S. 2018. Sustainable Intensification Assessment Framework Online Toolkit. [www.sitoolkit.com](http://www.sitoolkit.com)

## **SELECTED INTERNATIONAL EXPERIENCE**

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[*Summary:* Middendorf has worked in over 10 countries on a range of projects. Below is a selection of that work].

- Supports active international research, extension and training activities, in collaboration with the SIIL Director, in **Africa** and **Asia** on areas related to integrated soil, crop and water management to improve productivity of farming systems. Supervises the monitoring and evaluation efforts for the USAID Feed the Future Sustainable Intensification Innovation Lab (SIIL) that is active in **Ethiopia, Tanzania, Senegal, Burkina Faso, Bangladesh** and **Cambodia**). The portfolio of includes several country research projects and four different consortia (Geospatial, Farming Systems and Digital Tools Consortium; Appropriate Scale Mechanization Consortium, SOILS Consortium; and Policy Research Consortium) and Center of Excellence on Sustainable Intensification and Nutrition at Royal University of Agriculture in Cambodia.
- **Cambodia:** Strengths, Weaknesses, Opportunities Threats (SWOT) Analysis in Phnom Penh and Battambang, Cambodia for participatory data collection activities, Feed the Future Innovation Lab and Sustainable Intensification, USAID (2015, 2016)
- **Rwanda:** Strengths, Weaknesses, Opportunities Threats (SWOT) Analysis in Kigali, Rwanda for participatory data collection activities, Feed the Future Innovation Lab and Sustainable Intensification, USAID (2015)
- **Tanzania:** Strengths, Weaknesses, Opportunities Threats (SWOT) Analysis in Arusha, Tanzania for proposal preparation for Feed the Future Innovation Lab and Sustainable Intensification, USAID (2014)
- **Bangladesh:** Strengths, Weaknesses, Opportunities Threats (SWOT) Analysis in Dhaka, Bangladesh for proposal preparation for Feed the Future Innovation Lab and Sustainable Intensification, USAID (2014)
- **Kenya:** Comfort the Children International (CTC), Kenya. Community Needs Assessment through Rapid Rural Appraisal and other participatory evaluation techniques (2013)
- **Kenya:** Comfort the Children International (CTC), Kenya. Capacity building for CTC Staff (2011)
- **Kenya:** Comfort the Children International (CTC), Kenya. Project evaluation & impact study (2010)
- **Honduras:** Inter-Aid International, Tegucigalpa, Honduras. Development Consultant (1993)
- **British Virgin Islands:** Visions International, Tortola, BVI. Project Supervisor (1993)

- **Honduras:** Peace Corps, Maraita, Honduras. Volunteer (1988-1990)

## **FUNDED RESEARCH AND PROGRAMS.**

Prasad, PVV (PI) and **Middendorf, BJ (Co-PI)**. 2021. Capacity Building of Faculty from the Royal University of Agriculture (RUA) in Phnom Penh, Cambodia at Kansas State University through funding obtained from the World Bank. Amount: \$198,756.

Prasad, PVV (PI) and **Middendorf, BJ (Co-PI)**. 2020. Capacity Building of Students and Faculty of SKUAST-Kashmir at Kansas State University through funding obtained from the World Bank. Amount: \$55,467.

Reyes, M. (PI), Prasad, PVV, and **Middendorf, BJ (Co-PIs)**. 2020. Development of Bighead Catfish (*Clarias macrocephalus*) Culture for Sustainable Aquaculture in Cambodia. USAID Feed the Future Innovation Lab for Fish at Mississippi State University. Amount: \$16,902.

Prasad, PVV (PI), **Middendorf, BJ (Co-PI)**, Reyes, M. (Co-PI). 2019. Commercialization of Aquaculture for Sustainable Trade (CAST) in Cambodia. United States Department of Agriculture (USDA) Food for Progress Program. \$1,831,386.

Prasad, PVV (PI) and **Middendorf, BJ (Co-PI)**. 2018. Capacity Building of Students of Acharya N.G. Ranga Agricultural University (ANGRAU, Andhra Pradesh, India) at Kansas State University through funding obtained from Indian Council of Agricultural Research (ICAR). Amount: \$180,180

Prasad, PVV (PI) and **Middendorf, BJ (Co-PI)**. 2018. Feed the Policy Impacts Study Associate Award under AID-OAA-L-14-00006, Feed the Future Innovation Lab for Sustainable Intensification (SIIL). United States Agency for International Development (USAID) Amount: \$3,100,000.

**Middendorf, BJ (PI)**, Prasad, PVV, Shuman, C. 2018. International network-to-network (N2N) stakeholder collaboration workshop: solutions to accelerate research, leverage resources, and maximize synergies. National Science Foundation. Amount: \$100,000.

Prasad, PVV, Pierzynski GM, Stewart, Z., **Middendorf, BJ (Co-PI)**. 2018. Sustainable Opportunities for Improving Livelihoods with Soils (SOILS) Consortium. International Fertilizer Development Center. Amount: \$200,000

Prasad, PVV, Pierzynski GM, Stewart Z., **Middendorf, BJ (Co-PI)**. 2017. Sustainable Soil Fertility Prioritization for Sub-Saharan Africa. International Fertilizer Development Center. Amount: \$200,000.

**Middendorf, BJ (PI)**, Shuman, C. 2011-2015. “Research in Disabilities Education Synthesis Project (RDE-SP),” NSF Research in Disabilities Education, National Science Foundation, Award No. 1145541. \$441,627.

## **PROJECT EVALUATIONS OF FUNDED RESEARCH\* – 229 total extramural grants funded**

*\*As Director of OEIE, Middendorf supervised all project evaluations and served as Principal Investigator, where appropriate.*

### ***U.S. Agency for International Development (USAID) grants:***

*“Linking cattle nutrition to human nutrition: A value chain approach to improving the production, handling, and consumption of animal source foods in Ethiopia”, Principal Investigator Jessie Vipham, Feed the Future Innovation Lab for Livestock (LSIL) from U.S. Agency for International Development \$1,038,238 (2016-2020) – evaluation consultation for project.*

- “Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL)”*, Principal Investigator Pagadala, P.V. Vara, U.S. Agency for International Development. \$32,000,000 (2014 - 2019)
- “Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss (PHL)”*; Principal Investigator – Maier, Dirk; U.S. Agency for International Development. \$25,000,000 (2013 - 2018)
- “Web-based Data Collection & Management System for the K-State Feed the Future Sorghum and Millet Innovation Lab”*; Principal Investigator - Dalton, Tim; U.S. Agency for International Development. \$5,000,000 (2012 - 2017)
- “Media relations for science reporting and environmental advocacy; Facilitating higher education, leadership and administration at GASU”* U.S. Agency for International Development. \$88,018 (2003 - 2004)

#### **Other International Related grants:**

- “Project Citizen Instrument Evaluation - International”* Kansas State University. \$17,600 (2010 – 2011)
- “We the People (WTP) Post-Institute Follow-up”* Kansas State University. \$4,200 (2010)
- “Ethiopia Reads: Fulbright -Hays Group Project Abroad,”* Ethiopia for Teachers. Institute of International Education \$150,000 (2010)
- “Cultural Interfacing for FATA (Federally Administered Tribal Areas) Youth in the United States”* Kansas State University. \$304,000 (2009 - 2010)
- “Multicultural Academic Program Success (MAPS)”* Kansas State University. \$14,000 (2007 - 2009)
- “Africa in the Global Context: The Political Economy of Agriculture, the Environment, and Human Health”* Kansas State University. \$253,726 (2006 - 2008)
- “A Proposal to Evaluate Taha Hussein Association for Civic Education's Administration of Projects and Programs”* Kansas State University. \$40,000 (2006)

#### **National Science Foundation (NSF) grants:**

- “Pathways to STEM: Kansas Louis Stokes Alliance for Minority Participation”* National Science Foundation, Louis Stokes Alliance for Minority Participation (LSAMP) Award No. 1305059 \$500,000 (2013 – 2018)
- “Collaborative Research: Development of a Sophomore-Level Course “Introduction of Renewable Energy Manufacturing” and Faculty Expertise”* National Science Foundation, Transformation Undergraduate Education System (TUES) Award No.1245420 \$88,412 (2013-2015)
- “Adapting Socio-ecological Systems to Increased Climate Variability”* National Science Foundation, Experimental Program to Stimulate Competitive Research (EPSCoR) Award No. 1301789. \$4,000,000 (2013 - 2018).
- “Collaborative Research: Development of a Sophomore-Level Course “Introduction of Renewable Energy Manufacturing and Faculty Expertise”* National Science Foundation, Award No. 1245420. \$88,412 (2013 - 2014).
- “Iowa EPSCoR: Harnessing Energy Flows in the Biosphere to Build Sustainable Energy Systems”* National Science Foundation, EPSCoR, Award No. 1101284. \$8,000,000 (2012 - 2016).
- “REU Site: Operation ETank: Moving Toward a Sustainable World”* National Science Foundation, Award No. 1156789. \$190,367 (2012 - 2015).
- “CI-TEAM Demonstration Project: TRENDS: Training the next generation workforce in Real-time Data and Simulation Technologies”* National Science Foundation, Award No. 1135564. \$249,999 (2012 - 2014).
- “Evaluation Services for CReSIS K-12 Education and Outreach Program - Center for Remote Sensing of Ice Sheets (CReSIS)”* National Science Foundation. \$12,000 (2012).
- “Louisiana EPSCoR Research Infrastructure Improvement”* National Science Foundation, EPSCoR Award No. 1003897. \$16,000,000 (2011 - 2015).
- “URM: Undergraduate Research and Mentoring in Ecological Genomics”* National Science Foundation, Award No. 1041199. \$749,919 (2011 - 2015).

“BioTEKS: *Biotechnology Education for Kansas*” National Science Foundation, Award No. 1103173. \$199,733 (2011 - 2014).  
 “REU Site: *Summer Academy in Sustainable BioEnergy*” National Science Foundation, Award No. 1062895. \$297,351 (2011 - 2014).  
 “*Supporting Collaboration in Engineering Education (SCEE)*” National Science Foundation, Award No. 1044297. \$200,000 (2011 - 2013).  
 “*CAREER: Theoretical Development of Bio-Inspired Water Splitting Photocatalysts*” National Science Foundation, Award No. 0955515. \$599,500 (2010 - 2015).  
 “*New, GK-12: Infusing System Design and Sensor Technology in Education (INSIGHT)*” National Science Foundation, Award No. 0948019. \$2,232,162 (2010 - 2015).  
 “*REU Site: Research Experiences for Undergraduates in Chemistry at Kansas State University*” National Science Foundation, Award No. 1004991. \$345,000 (2010 - 2013).  
 “*CCEP-I: Central Great Plains Climate Change Education Partnership*” National Science Foundation, Award No. 1043393. \$1,229,101 (2010 - 2012).  
 “*Louisiana's Cyber Connectivity via LONI*” National Science Foundation, Award No. 1006891. \$1,176,470 (2010 - 2012).  
 “*LA EPSCoR Strategic Plan*” National Science Foundation for Award No. 1003897 \$5,000 (2010 - 2011).  
 “*Evidence-based inquiry into the distant, remote, or past (EIDRoP): linking evidence to inference in the Kansas science classroom*” National Science Foundation, Award No. 0841414. \$2,768,351 (2009 - 2014).  
 “*IGERT: From Crops to Commuting: Integrating the Social, Technological, and Agricultural Aspects of Renewable and Sustainable Biorefining (I-STAR)*” National Science Foundation, Award No. 0903701. \$2,523,293 (2009 - 2014).  
 “*K-State TEACH Program*” National Science Foundation, Award No. 0934905. \$875,359 (2009 - 2014).  
 “*CNH: Hyper-Extractive Economies and Sustainability: Policy Scenarios for Sustainable Water Use in the High Plains Aquifer*” National Science Foundation, Award No. 0909515. \$1,499,999 (2009 - 2013).  
 “*Effectiveness of problem based learning in a materials science course in the engineering curriculum*” National Science Foundation, Award No. 0836914. \$149,999 (2009 - 2011).  
 “*Cultivating the STEM*” National Science Foundation, Award No. 0622440. \$999,990 (2009 - 2011).  
 “*ADVANCE Institutional Transformation Award: In the footsteps of Katharine Wright: Promoting STEM Women through LEADER*” National Science Foundation, Award No. 0810989. \$2,863,057 (2008 - 2013).  
 “*EPSCoR Research Infrastructure Improvement Plan "Building Oklahoma's Leadership Role in Cellulosic Bioenergy"*” National Science Foundation, EPSCoR, Award No. 0814361. \$15,000,000 (2008 - 2013).  
 “*Investigating Trajectories of Learning & Transfer of Problem Solving Expertise from Mathematics to Physics to Engineering*” National Science Foundation, Award No. 0816207. \$999,955 (2008 - 2011).  
 “*The Impact of Interactive Engagement Teaching Approach using PDAs as a Classroom Interaction System in a Predominantly Hispanic Institution*” National Science Foundation, Award No. 0737375. \$149,790 (2008 - 2011).  
 “*The Queens Borough Bridge*” National Science Foundation, Award No. 0652963. \$2,009,000 (2007 - 2012).  
 “*Scale up of math and science K-12 education reform in a large urban district*” National Science Foundation, Award No. 0935816. \$197,133 (2007 - 2009).  
 “*CNH: Hyper-Extractive Economies and Sustainability: Policy Scenarios for Sustainable Water Use in the High Plains Aquifer*” National Science Foundation, Award No. 0909515. \$ 1,499,999 (2006 - 2009).  
 “*Collaborative Research: Facilitating Case Reuse During Problem Solving*” National Science Foundation, Award No. 0618459. \$333,201 (2006 - 2008).  
 “*Collaborative Research: PATHWAY II: Addressing the Needs of the Nation's Physics Teachers through State-of-the-Art Video Applications and Contemporary Pedagogy*” National Science Foundation, Award No. 0455772. \$854,996 (2005 - 2010).

*“Increasing the Number and Diversity of Students Graduating in STEM Fields”* National Science Foundation, Award No. 0525556. \$1,662,943 (2005 - 2010).

*“Establishing a Geophysical Test Site”* National Science Foundation, Award No. 0509801. \$74,996 (2005 - 2008).

*“Epsilon Corps: Expanding STEM Talent Through Exploration, Mentoring and Sequenced Curricular Support”* National Science Foundation, Award No. 0431637. \$966,933 (2004 - 2009).

*“Modern Miracle Medical Machines: Research-Based Curriculum Enhancements for the Pre-Med Physics Course”* National Science Foundation, Award No. 0427645. \$302,281 (2004 - 2008).

*“ADVANCE Institutional Transformation Award: Institutional Transformation at Kansas State University”* National Science Foundation. \$1,513,510 (2003 - 2010).

*“Combined Research-Curriculum Development (CRCDD) in Geoenvironmental Engineering”* National Science Foundation, Award No. 0203133. \$419,986 (2003 - 2006).

*“PGE/DEM - Seeing Gender: Tools for Change”* National Science Foundation, Award No. 0225184. \$927,231 (2003 - 2006).

*“KSU - Mathematics Teacher Preparation Partnership”* National Science Foundation, Award No. 0202947. \$850,000 (2002 - 2005).

*“Program for Gender Equity in Science, Mathematics, Engineering and Technology (PGE): DEM: Women on the Prairie: Bringing Girls into Science through Environmental Stewardship”* National Science Foundation, Award No. 0114723. \$875,343 (2001 - 2005).

*“The Kansas Collaborative for Excellence in Teacher Preparation (KCETP)”* National Science Foundation, Award No. 9876676. \$2,900,000 (1999 - 2003).

#### ***United States Department of Agriculture (USDA) grants:***

*“Resilience and vulnerability of beef cattle production in the Southern Great Plains under changing climate, land use and markets”* U.S. Department of Agriculture. \$9.6 million (2013 - 2018).

*“Shigatoxigenic Escherichia coli (STEC) in the Beef Chain: Assessing and Mitigating the Risk by Translational Science, Education and Outreach - AFRI Beef Food Security”* U.S. Department of Agriculture. \$24.5 million (2012 - 2016).

*“Curriculum and Teaching Enhancement for Diseases that Threaten Food Security”* U.S. Department of Agriculture. \$713,517 (2012 - 2015).

*“Making Climate Change a Functioning Thread in the Baccalaureate Curriculum: Transforming Fiber, Textiles, and Clothing Education”* U.S. Department of Agriculture. \$713,850 (2012 - 2015).

*“Business Strategies for New and Existing Rural Grocery Stores: Roles of Local Foods, Institutional Sales, and Community Food Assessment”* U.S. Department of Agriculture. \$408,889 (2012 - 2013).

*“Kansas Supplemental Nutrition Assistance Program Education (SNAP-Ed) On-line Proposal Submission System”* U.S. Department of Agriculture. \$75,000 (2012 - 2013).

*“Kansas Supplemental Nutrition Assistance Program Education (SNAP-Ed)”* U.S. Department of Agriculture. \$205,000 (2011 - 2014).

*“Solutions for the Food Safety Threat Posed by Salmonella in the Lymph Nodes of Cattle Presented for Harvest”* U.S. Department of Agriculture. \$600,000 (2011 - 2014).

*“Advancing Food Allergy Education for Hospitality Management and/or Dietetics Students using Storytelling”* U.S. Department of Agriculture. \$150,000 (2011 - 2013).

*“Transfer Student Bridge - Bridging Relationships to Internships and Diverse Group Experiences”* U.S. Department of Agriculture. \$113,915 (2011 - 2013).

*“Making Climate Change A Functioning Thread In The Baccalaureate Curriculum: Initiating A Transformation In Fiber, Textiles, And Clothing Education; HEC Planning Grant”* U.S. Department of Agriculture. \$21,000 (2011 - 2012).

*“Practical Interventions to Effectively Manage Antibiotic Resistance in Beef and Dairy Cattle Systems: A Fully Integrated Approach”* U.S. Department of Agriculture. \$2,000,000 (2010 - 2014).

*“Military Academic Advancement Program (MAAP)”* U.S. Department of Agriculture. \$1,500,000 (2010 - 2011).

*“Pathways to Public Health”* U.S. Department of Agriculture. \$494,504 (2008 - 2011).



*“W2001 Multistate Project Objective I: Population Aging and Retirement Migration”* U.S. Department of Agriculture. \$3,000 (2008 - 2009).

*“Building Capacity to Engage Latinos in Local Food Systems in the Heartland”* U.S. Department of Agriculture. \$75,000 (2007 - 2009).

*“Development of a National Educational and Outreach Program for Food Safety and Food Defense”* U.S. Department of Agriculture. \$120,000 (2006 - 2009).

*“Global Awareness of the International Dimensions of Agriculture”* U.S. Department of Agriculture. \$99,916 (2006 - 2008).

*“Urban Farmer Development Project”* U.S. Department of Agriculture. \$115,000 (2005 - 2008).

*“Social Responsibility in Textile, Apparel, And Footwear Industry Supply Chains: Development Of A Post-Baccaluareate Core”* U.S. Department of Agriculture. \$299,999 (2004 - 2007).

*“Student experiential learning in food animal infectious diseases”* U.S. Department of Agriculture. \$97,683 (2003 - 2006).

***United States Department of Education (USDE) grants:***

*“Upward Bound Proposal for Rural Schools - Kansas State University at Salina”* U.S. Department of Education. \$1,050,000 (2012 - 2017).

*“Taking the Leap – UTEP/EPCC/School Districts Transition to Teaching Program”* U.S. Department of Education. \$624,030 (2011 - 2016).

*“Midwest Equity Assistance Center 2”* U.S. Department of Education. \$2,038,904 (2011 - 2014).

*“The Hispanic Engineering Leadership Institute (HELI): A Model for 21st Century Engineering Department of Education (DOE) Minority Science and Engineering Improvement (MSEIP) project”* U.S. Department of Education. \$196,134 (2011 - 2014).

*“Career-Ready Kansas -- Promoting Rigorous Programs of Study in Career and Technical Education to Keep Kansas Competitive”* U.S. Department of Education. \$261,892 (2010 - 2014).

*“Mueller Discovery Engineering and Aerospace Magnet: USD 259”* U.S. Department of Education. \$1,007,712 (2010 - 2013).

*“Equity and Access: Enhancing Teacher Quality through Multi-institutional Partnerships - 2010 Addendum”* U.S. Department of Education. \$8,400 (2010 - 2011).

*“Providing Education in Face of Climate Change, Food and Energy Scarcity”* U.S. Department of Education. \$252,293 (2009 - 2013).

*“K-State Ecology, Evolution, and Genomics Interdisciplinary Graduate Assistance in Areas of National Need (GAANN) Training Fellowship Project”* U.S. Department of Education. \$783,936 (2009 - 2012).

*“Title VI: South Asia Project”* U.S. Department of Education. \$177,554 (2009 - 2011).

*“Listo! Sharp and Ready: Strategies for ELL Student Success”* U.S. Department of Education. \$1,218,895 (2007 - 2012).

*“Midwest Equity Assistance Center”* U.S. Department of Education. \$4,363,150 (2005 - 2011).

*“CCAMPIS”* U.S. Department of Education. \$502,088 (2005 - 2009).

*“Equity & Access: Enhancing Teacher Quality through Multi-institutional Partnerships”* U.S. Department of Education. \$8,740,578 (2004 - 2010).

*“PT3/KITE”* U.S. Department of Education. \$25,000 (2003 - 2004).

*“English Language Acquisition: National Professional Development Program Making The Grade”* U.S. Department of Education. \$1,379,330 (2002 - 2007).

*“English Language Acquisition: National Professional Development Program Project Chrysalis”* U.S. Department of Education. \$1,156,427 (2002 - 2007).

*“English Language Acquisition: National Professional Development Program Project Maestra”* U.S. Department of Education. \$1,337,779 (2002 - 2007).

*“English Language Acquisition: National Professional Development Program Project New Horizons”* U.S. Department of Education. \$1,181,356 (2002 - 2007).

*“English Language Acquisition: National Professional Development Program Project Synergy”* U.S. Department of Education. \$1,668,200 (2002 - 2007).

“Off to a Good Start 21st Century Community Learning” U.S. Department of Education. \$37,684 (2002 - 2003).

“USD 378 Marshall-Riley CLC Consortium” U.S. Department of Education. \$13,691 (2002 - 2003).

“English Language Acquisition: National Professional Development Program Project Dimelo Phase I” U.S. Department of Education. \$226,900 (2000 - 2005).

“English Language Acquisition: National Professional Development Program Project Ramos Secundarios” U.S. Department of Education. \$906,500 (2000 - 2005).

“Goals 2000: Educate America” U.S. Department of Education. \$5,000 (2000 - 2001).

“English Language Acquisition: National Professional Development Program Project ALCANCE” U.S. Department of Education. \$1,099,344 (1999 - 2004).

“Improving Teacher Quality Through the KSU PDS Partnership” U.S. Department of Education. \$6,662,122 (1999 - 2004).

“Teaching Teachers with Technology T3 Academy” U.S. Department of Education. \$1,065,194 (1999 - 2002).

**Other project evaluations from various foundations and other funding sources by topic:**

**Education Related:**

***DeBryun Institute for Teaching Excellence***

“Master Teacher III” DeBryun Institute for Teaching Excellence. \$6,400 (2010)

***Eugene Carter Foundation***

“Carter Opportunity Award” E. Eugene Carter Foundation. \$90,000 (2007 - 2012)

***Ewing Marion Kauffman Foundation***

“Evaluation of the Implementation of the Chalkwaves Instant Video Library” Ewing Marion Kauffman Foundation. \$47,600 (2005 - 2007)

***Howard Hughes Medical Institute***

“HHMI: Undergraduate Science Education Program” Howard Hughes Medical Institute. \$1,600,000 (2002 - 2007)

***Johnson County Community College***

“OEIE Proposal for External Evaluator Contract/Johnson County Community College” Johnson County Community College. (2013 - 2014)

***Kansas Board of Regents***

“Kan-ed Evaluation - Phase IX” Kansas Board of Regents. \$34,775 (2012 - 2013)

“Kan-ed Evaluation - Phase VIII” Kansas Board of Regents. \$6,000,000 (2011 - 2012)

“Kan-ed Evaluation - Phase VII” Kansas Board of Regents. \$30,000,000 (2008 - 2011)

“Kan-ed Evaluation - Phase VI” Kansas Board of Regents. \$10,000,000 (2007 - 2008)

“Kan-ed Evaluation - Phase V” Kansas Board of Regents. \$10,000,000 (2006 - 2007)

“Kan-ed Evaluation - Phase IV” Kansas Board of Regents. \$10,000,000 (2005 - 2006)

“Kan-ed Evaluation - Phase III” Kansas Board of Regents. \$10,000,000 (2004 - 2005)

“Kan-ed Evaluation - Phase II” Kansas Board of Regents. \$10,000,000 (2003 - 2004)

“Kan-ed Evaluation - Phase I” Kansas Board of Regents. \$3,419,931 (2003)

“Kansas Board of Regents Funding Model Report” Kansas Board of Regents. \$146,600 (2006 - 2010)

“KBOR Data Research and Planning Unit for Evaluation Services” Kansas Board of Regents. \$200,000 (2010 - 2013)

***Kansas State Department of Education (KSDE)***

*"Infinite Mathematics Project (IMP)"* Kansas State Department of Education. \$300,000 (2007 - 2010)  
*"Advancing Content Understanding in Mathematics through Effective Networks (ACUMEN) Project"*  
Kansas State Department of Education. \$299,991 (2004 - 2007)  
*"Comprehensive School Reform - Abilene H.S. NCLB Standards"* Kansas State Department of  
Education. \$227,500 (2004 - 2006)  
*"KSU Garden City PDS Partnership"* Kansas State Department of Education. \$40,000 (2002 - 2003)  
*"Teacher Enhancement: KSU-PDS Performance Based Assessment"* Kansas State Department of  
Education. \$58,000 (2002 - 2003)  
*"KSDE PDS for Western Kansas"* Kansas State Department of Education. \$39,986 (2002)  
*"Continuous Improvement in Special Education Teacher Preparation"* Kansas State Department of  
Education. \$12,251 (2001)

### **Kansas State University**

*"College of Education Assessment"* Kansas State University. \$286,691 (2003 - 2013)  
*"Master of Public Health Accreditation Project"* Kansas State University. \$74,000 (2010 - 2013)  
*"Environmental Design Studies Program (ENVD)Curriculum Development"* Kansas State University.  
\$6,000 (2011 - 2012)  
*"PROJECT RENEW: Leadership for Renewal and Excellence in Mathematics"* Kansas State University.  
\$3,000 (2010 - 2012)  
*"Pipeline Plan for Women in STEM"* Kansas State University. \$7,250 (2009 - 2011)  
*"Kansas State Olathe Innovation Campus"* Kansas State University. \$20,000 (2009 - 2010)  
*"We the People Summer Institute (WTP)"* Kansas State University. \$3,900 (2009)  
*"Leadership Studies Program (LSP) Evaluation"* Kansas State University. \$40,000 (2007 - 2009)  
*"Collaborative for Outreach, Recruitment, and Engagement in STEM (CORES): GROWing diversity in  
STEM at a student-centered land-grant university"* Kansas State University. \$404,324 (2006 -  
2009)  
*"Scientific Literacy"* Kansas State University. \$5,600 (2008 - 2009)  
*"Educational Leadership - COE"* Kansas State University. \$14,240 (2005 - 2008)  
*"Project Citizen - 2007 K-State Summer Institute in Social Studies Education"* Kansas State University.  
\$7,040 (2007)  
*"Mentoring Evaluation"* Kansas State University. \$5,000 (2007)  
*"Comparison of student learning resulting from traditional lecture teaching vs. case-based, problem-  
based teaching"* Kansas State University. \$2,500 (2006 - 2007)  
*"Kansas State University Institute for Social Studies Teachers: Teaching and Learning the United States  
Constitution"* Kansas State University. \$85,152 (2006 - 2007)  
*"Agriculture in the Classroom"* Kansas State University. \$195,556 (2005 - 2006)  
*"The Development of a Reliable and Valid Instrument to Measure Elementary Teacher's Understanding of  
Core Civics Concepts"* Kansas State University. \$22,550 (2005 - 2006)  
*"How Leadership Reproduces and Replenishes Itself in Kansas Public School Administration"* Kansas  
State University. \$3,090 (2005)  
*"School for Leadership Studies Evaluation"* Kansas State University. \$40,000 (2004 - 2005)

### **Master Teacher**

*"Master Teacher Survey Development"* Master Teacher. \$7,400 (2010)  
*"Master Teacher Survey Project"* Master Teacher. \$31,536 (2007 - 2008)

### **U.S. Department of Defense**

*"Pilot to Proliferate USD 475 DoDEA"* U.S. Department of Defense. \$250,000 (2012 - 2015)  
*"Steam into STEM - DoDEA - USD 475"* U.S. Department of Defense. \$2,025,000 (2012 - 2015)  
*"Leading Reading - USD 475. DoDEA: Promoting Student Achievement at Schools Impacted by Military  
Force Structure Changes"* U.S. Department of Defense. \$2,500,000 (2010 - 2013)  
*"STEM: 21st Century Mind Adventures - USD 383. DoDEA: Promoting Student Achievement at Schools  
Impacted by Military Force Structure Changes"* U.S. Department of Defense. \$677,000 (2010 -  
2013)

*"The Honor Challenge: To Honor the Brave, Challenge Myself (THC)"* U.S. Department of Defense.  
\$1,995,075 (2009 - 2012)

## **Environment Related:**

### ***Kansas Association for Conservation and Environmental Education***

*"Developing Lessons in a Land Ethic through the Leopold Education Project for non-formal audiences (Pheasants Forever)"* Kansas Association for Conservation and Environmental Education.  
\$5,000 (2008 - 2009)

*"Project WET"* Kansas Association for Conservation and Environmental Education. \$3,000 (2006)

### ***Kansas State University***

*"4-H Invest an Acre"* Kansas State University. \$2,500 (2012 - 2013)

*"K-State Research and Extension Evaluation and Capacity Building"* Kansas State University.  
\$338,000 (2010 - 2013)

*"Targeted Excellence in Ecological Genomics: Building a Research Initiative into an Institute"* Kansas State University. \$2,683,053 (2005 - 2010)

*"KELP Needs Assessment"* Kansas State University. \$6,000 (2008 - 2009)

*"Earth Awareness Researchers for Tomorrow's Habitat"* Kansas State University. \$6,400 (2006 - 2007)

*"Socioeconomic Impacts of the Biofuels Revolution"* Kansas State University. \$50,000 (2007 - 2008).

*"Kansas Environmental Leadership Program (KELP)"* Kansas State University. \$10,000 (2006 - 2007)

*"Totten Analysis Projects: An Investigation of Geology Students' Preconceptions, Attitudes, and Beliefs"*  
Kansas State University. \$12,000 (2006 - 2007)

*"AGCOM 712/Project WET"* Kansas State University. \$700 (2006)

*"Geoscience Assessment Workshop"* Kansas State University. \$ 800 (2006)

*"Water Resources Group Facilitation"* Kansas State University. \$ 620 (2006)

*"Community Environmental Decision-Making (EDM) Institute Feedback Survey"* Kansas Association for Conservation and Environmental Education. \$1,000 (2005)

### ***U.S. Department of Energy***

*"The Biofuels Revolution: Understanding the Social, Cultural, and Economic Impacts of Biofuels Development on Rural Communities"* U.S. Department of Energy. \$696,827 (2007 - 2010)

### ***U.S. Department of State***

*"Summer Institute on Environmental Stewardship"* U.S. Department of State. \$24,000 (2012 - 2016)

## **Health Related:**

### ***Kansas Department of Health and Environment (KDHE)***

*"Medicare Rural Hospital Flexibility Program"* Kansas Department of Health and Environment.  
\$80,000 (2013 - 2015)

*"Kansas Rural Health Options Project (KRHOP) - Kansas Hospital Education and Research Foundation (KHERF) - Kansas Rural Health Works"* Kansas Department of Health and Environment.  
\$13,000 (2010 - 2011)

*"Kansas PRIDE: Healthy Ecosystems Healthy Communities"* Kansas Department of Health and Environment. \$10,000 (2009)

*"Water Quality Improvement Through Service Learning"* Kansas Department of Health and Environment.  
\$467,230 (2005 - 2010)

### ***Kansas Health Foundation***

*"One Health Kansas"* Kansas Health Foundation. \$2,159,307 (2009 - 2012)

### ***Kansas Hospital Association (KHA)***

*“One Health Kansas Zoonotic Disease Awareness in Military Healthcaregivers”* Kansas Hospital Association. \$17,000 (2010)

***Kansas Hospital Education and Research Foundation***

*“EMResource Survey - Kansas Hospital Association”* Kansas Hospital Education and Research Foundation. \$2,400 (2012)

*“Kansas Hospital Education & Research Foundation (KHERF) Survey”* Kansas Hospital Education and Research Foundation. \$ 800 (2006)

***Kansas State University***

*“Veterinary Medicine: Veterinary Research Scholar (VRS)”* Kansas State University. \$25,800 (2005 - 2009)

*“Food and Culture: Using the study of foodways to promote multicultural understanding and competencies”* Kansas State University. \$3,940 (2007)

*“Molecular Infrastructure to Assess Flow of Genetic Elements in Food Production Systems”* Kansas State University. \$100,000 (2006 - 2007)

*“Veterinary Medicine: BRITE”* Kansas State University. \$2,926 (2004 - 2005)

*“Veterinary Medicine: Clinical Research”* Kansas State University. \$450 (2004 - 2005)

*“Veterinary Medicine: Veterinary Research Scholar (VRS) 2004”* Kansas State University. \$11,212 (2004 - 2005)

***U.S. Department of Homeland Security***

*“Development and Implementation of a Graduate Certificate of Completion Program in Food Protection and Defense”* U.S. Department of Homeland Security. \$267,015 (2008 - 2010).

**Library Related:**

***Gates Foundation***

*“SLK-U.S. Libraries Opportunity Online Broadband Grant Program”* Gates Foundation. \$4,000 (2010).

***South Central Kansas Library System***

*“South Central Kansas Library System Survey”* South Central Kansas Library System. \$3,200 (2008).

***State Library of Kansas***

*“Kansas Center for the Book (KCFB)”* State Library of Kansas. \$4,160 (2008)

*“Kansas Center for the Book Facilitation”* State Library of Kansas. \$320 (2008)

*“State Library of Kansas Broadband Summit”* State Library of Kansas. \$6,000 (2007)

*“State Library of Kansas Talking Books Summit”* State Library of Kansas. \$2,800 (2007)

*“Evaluation of the Library Services and Technology Act Five-Year State Plan 2003-2007 for the State Library of Kansas”* State Library of Kansas. \$25,000 (2006 - 2007)

**Strategic Planning and Change Management:**

***Barton County Community College***

*“Barton County Community College Strategic Planning”* Barton County Community College. \$16,000 (2010)

*“Cougar Quest Days Facilitation for Barton County Community College”* Barton County Community College. \$2,000 (2010)

***Kansas State University***

*“IDEA Center, Inc. Strategic Planning”* The IDEA Center Innovative Programming Resources for Kansas \$5,000 (2013)

*“Agriculture Department of Agronomy Strategic Planning”* Kansas State University. \$1,000 (2013)

"Agriculture Department of Animal Sciences & Industry Strategic Planning" Kansas State University. \$2,000 (2013)  
 "Agriculture Department of Communications & Agricultural Education Strategic Planning" Kansas State University. \$2,000 (2013)  
 "Agriculture Department of Entomology Strategic Planning" Kansas State University. \$4,000 (2013)  
 "K-State Affirmative Action Self-identity Report" Kansas State University. \$4,000 (2013)  
 "Agriculture Department of Entomology Strategic Planning" Kansas State University. \$2,000 (2013)  
 "College of Agriculture & K-State Research and Extension Strategic Planning" Kansas State University. \$25,000 (2012 - 2013)  
 "K-State Salina Visionary Action Planning" Kansas State University. \$15,000 (2012 - 2013)  
 "Kansas 4-H Logic Model Facilitation" Kansas State University. \$2,500 (2012)  
 "Kansas 4-H Priority Setting Analysis" Kansas State University. \$2,500 (2011)  
 "Bioenergy Symposium Facilitation" Kansas State University. \$800 (2011)  
 "Kansas State Research and Extension (KSRE) Family & Consumer Sciences Facilitation" Kansas State University. \$2,500 (2011)  
 "Friends of the Historic Costume and Textile Museum Strategic Planning Project." \$1,000 (2011)  
 "President's Commission on the Status of Women: Student Focus Groups" Kansas State University. \$3,000 (2011)  
 "Vision 2025 Facilitation" Kansas State University. \$18,000 (2011)  
 "Strategic Planning, Evaluation and Facilitation Services for K-State 2025 and Associated Projects." \$180,000 (2010-2013)  
 "Institute Civic Discourse and Dialogue (ICDD) Facilitation" Kansas State University. \$1,400 (2009)  
 "Sedimentation Conference - facilitation" Kansas State University. \$7,000 (2009)  
 "Development of a Comprehensive Watershed Program Evaluation Framework" Kansas State University. \$20,000 (2008 - 2009)  
 "Campus IT Needs Assessment" Kansas State University. \$11,000 (2008)  
 "Provost Advisory Group on Engagement" Kansas State University. \$6,200 (2005 - 2006)  
 "Organic Farming Focus Group" Kansas State University. \$2,000 (2005)  
 "Landscape Architecture/Regional and Community Planning (RCP)" Kansas State University. \$2,500 (2004)

### **State Library of Kansas**

"State Library of Kansas Strategic Planning" State Library of Kansas. \$12,000 (2007)

## **Survey Research:**

### **Kansas State University**

"Athletic Department: Student Athlete Survey" Kansas State University. \$24,200 (2005 - 2013)  
 "AGRON 960B Surveys" Kansas State University. \$5,000 (2012 - 2013)  
 "Center for Civic Education (CCE) We the People (WTP) Survey" Kansas State University. \$4,500 (2010)  
 "Kansas Geographic Alliance Strategic Planning" Kansas State University. \$2,500 (2010)  
 "Vision 2025 Data Reports" Kansas State University. \$5,800 (2010)  
 "We the People Nebraska, Oklahoma and Kansas 2010 Institute Survey" Kansas State University. \$920 (2010)  
 "President's Commission on the Status of Women: Focus Group" Kansas State University. \$1,000 (2010)  
 "Veterinary Intern Survey: Factors Influencing the decision to pursue an internship" Kansas State University. \$5,000 (2009 - 2010)  
 "Academic Advising Certificate and Master's Program" Kansas State University. \$2,500 (2009)  
 "Center for Civic Education Survey" Kansas State University. \$2,200 (2008)

*“Behavioral Disorders and Accuracy Errors in the Interpretation of Nonverbal Communication”* Kansas State University. \$1,125 (2006 - 2007)  
*“Council for Public School Improvement (CPSI) Survey”* Kansas State University. \$1,000 (2006 - 2007)  
*“Social Skills Training for Children with Autistic Spectrum Disorder (ASD) by the Use of an Avatar in a Virtual Environment”* Kansas State University. \$1,000 (2006 - 2007)  
*“Fort Riley Educational Needs Assessment”* Kansas State University. \$10,000 (2006)  
*“Graduate Student Research Competencies Survey”* Kansas State University. \$2,000 (2006)  
*“An Investigation of the Spatial Visualization Test (SVT): Item Analysis and Factor Structure”* Kansas State University. \$3,200 (2006)  
*“Leadership Profiles in KSU’s Leadership Studies and Programs, and Implications on Cultural Production of Leadership within University Leadership Programs”* Kansas State University. \$1,550 (2005 - 2006)  
*“Women in Engineering and Science Program Summer Survey”* Kansas State University. \$ 365 (2005)  
*“Athletics Football Survey 2004”* Kansas State University. \$5,000 (2004)

### **Workforce Development:**

#### ***U.S. Department of Labor***

*“Trade Adjustment Assistance Community College and Career Training (TAACCCT)- Soaring to Success, Coeur d’Alene, Idaho”* U.S. Department of Labor. \$2,976,663 (2013 - 2016).  
*“Trade Adjustment Assistance Community College and Career Training (TAACCCT) - National Aviation Consortium, Wichita, KS”* U.S. Department of Labor. \$14,914,452 (2012 - 2016).

### **SELECTED PROFESSIONAL PRESENTATIONS (Invited and peer-reviewed)**

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#### **Invited speaker:**

**Middendorf, B.J.** and Prasad, P.V. Prasad. *Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL): Building Resilience through Sustainable Intensification* at the Innovation Lab’s Partner meeting in Addis Abba, Ethiopia (May 2019)

**Middendorf, B.J.** (Panelist) *Measuring Resilience in Global Food Systems* at the Association for International Agriculture and Rural Development (AIARD) 2019 Conference – Washington, D.C. (June 2019)

**Middendorf, B.J.** *Understanding Project Evaluation Design, Implementation, and Use.* Leadership Studies Young African Leaders Institute (YALI), Manhattan, KS. (2019)

**Middendorf, B.J.** (Panel Moderator) *Working along the Horticulture Value Chain for Women’s Economic Empowerment* at the Colorful Harvest: From Feeding to Nourishing a Growing World – Horticulture Research for Development Conference – Washington, D.C. (March, 2019)

**Middendorf, B.J.** (Panelist) *Doing Business with the Feed the Future Innovation Labs* at the Colorful Harvest: From Feeding to Nourishing a Growing World – Horticulture Research for Development Conference – Washington, D.C. (March, 2019)

*Project Evaluation Design, Implications, and Utility.* Held on April 13, 2017 in Manhattan, KS. Hosted by the Center for Research and Innovation in STEM Education and American Society for Engineering Education at Kansas State University.

*Understanding Project Evaluation Design, Implementation, and Use.* Held on February 24,

2017 in Washington, D.C. Hosted by the Council of Graduate Schools (CGS) for the Alliances for Graduate Education and the Professoriate in the National Science Foundation.

*Understanding the Foundations of Evaluation and its Impact on Policy and Practice.* Held on March 10, 2016 in Washington, D.C. Hosted by the AAAS Science & Technology Policy Fellow Affinity Group: Federal Innovation & Research Evaluation (FIRE).

*Evaluation and Program Theory Workshop- North Central (NC 1196) Annual Meeting.* Held on October 29 & 30, 2015 in Washington, D.C. Hosted by the USDA Multistate Research Project.

*Education and Human Resources Core Research (EHR-ECR) Program Overview and Updates.* Held on May 19, 2015 in Arlington, VA. Hosted by National Science Foundation's Directorate for Education and Human Resources Advisory Committee.

*Effective Evaluation Strategies for Broadening Participation.* Held on November 14, 2014 in Arlington, VA. Hosted by the National Science Foundation (NSF) for the Centers for Chemical Innovation (CCI) Principal Investigators' (PI) Annual Meeting.

*Youth Leadership and Engagement in Kenya: The Garden of H.O.P.E. Story - Comfort the Children International (CTC).* Held on October 8, 2013 in Manhattan, KS. Hosted by the Vernon Larson International Lecture series.

*Evaluation and Reporting: Why does it Matter?* Held on September 14, 2012 in Washington, DC. Hosted by the Partnerships for Research and Education in Materials (PREM) Principal Investigators' meeting in the National Science Foundation.

*Seminar on Web-based Monitoring and Evaluation Reporting System.* Held on June 15, 2012 in Washington, DC. Hosted by USDA National Institute of Food and Agriculture, Conservation & Environment Program Leaders.

*Cornerstone of Federal Program Evaluation: Program Theory as a Driving Force.* Held on February 11, 2011 in Baton Rouge, LA. Hosted by the Department of Rehabilitation and Disability Studies, Project Vocational Evaluation and Work Adjustment, and Project Rehabilitation and Ethnic Minorities for the annual conference New Directions in Vocational Rehabilitation Program Effectiveness: Ethics in Theory Driven Evaluation Process.

*Forum on Characterizing the Impact and Diffusion of Transformative Engineering Education Innovations* Held on February 7-8, 2011 in New Orleans, LA. Hosted by the Center for the Advancement of Scholarship on Engineering Education of the National Academy of Engineering Sponsored by: National Science Foundation via grant DUE-1059125.

*Broadening Participation Evaluation Guidelines for Measuring Impact – Joint Annual Meeting (JAM) for Principal Investigators and Directors of programs funded from the Human Resource Development (HRD), National Science Foundation – Washington, D.C., 2011.*

*Making the Most of Your Evaluator in Complex Projects – Joint Annual Meeting (JAM) for Principal Investigators and Directors of programs funded from the Human Resource Development (HRD), National Science Foundation – Washington, D.C., 2011.*

### **Peer-reviewed presentations:**

**Middendorf, B. J.,** Faye, A., Middendorf, G., Stewart, Z., Prakash K., and Prasad, P.V.V. “*Smallholder farmer perceptions about the impact of COVID-19 on agriculture and livelihoods in Senegal.*”



ASA-CSSA-SSSA Transforming Visionary Science into Practice. Virtual Meeting. (November 9 – 12, 2020).

Diome, K., Taylor, L., Kaelly, A., Massaly, F., Manga, A., Stewart, Z., **Middendorf, B. J.**, Prasad, P.V.V., and Faye, A. 2019. *Crop Production Constraints in Nguekokh Commune and Demonstration of Dual Purpose Millet Variety (Thialack 2) Potential to Enhance Adoption and Scale Up*. Sustainable Intensification Innovation Lab Annual Meeting. Saly, Senegal. April 11, 2019.

Diome, K., Taylor, Dieng, I., Lopy, B., L., Kaelly, A., Massaly, F., Manga, A., Stewart, Z., **Middendorf, B. J.**, Prasad, V. and Faye, A. 2019. *Farming Systems Analysis of Pearl Millet Varieties, Sowing Density, and Fertilizer Recommendations* in Senegal. Kenyan Agricultural Research Institute.

Stewart, Z.P., P.V. Vara Prasad, **B. Jan Middendorf**. 2018. *Launch of the Sustainable Intensification Assessment Framework Online Tool*. ASA-CSSA-SSSA Enhancing Productivity in a Changing Climate. Baltimore, MD. November 5, 2018.

Pierzynski GM, Stewart ZP, Prasad PVV, **Middendorf BJ**, Vipham JL. 2018. “Prioritizing biophysical and socioeconomic factors enhancing soil fertility in sub-saharan Africa.” Annual Meeting of ASA-CSSA, 04 – 07 Nov., Baltimore, MD, USA.

Stewart ZP, Pierzynski GM, **Middendorf BJ**, Prasad PVV. 2018. Prioritizing biophysical and socioeconomic factors for enhancing soil fertility in sub-saharan Africa – survey and summit results.” Annual Meeting of ASA-CSSA, 04 – 07 Nov., Baltimore, MD, USA.

Pierzynski GM, Stewart ZP, Prasad PVV, Vipham JL, **Middendorf BJ**. 2018. “Healthy soils, healthy plants, healthy people: micronutrients.” Annual Meeting of ASA-CSSA, 04 – 07 Nov., Baltimore, MD, USA.

**Middendorf BJ**, Prasad PVV, Pierzynski GM. 2018. “Participatory techniques to enhance international stakeholder engagement in research development.” Annual Meeting of ASA-CSSA, 04 – 07 Nov., Baltimore, MD, USA.

**Middendorf, B.J.**, et.al, *International Research Funding Implications*. 81st annual meeting Rural Sociological Society (RSS) – Portland, OR 2018 – (*accepted*).

**Middendorf, B.J.** *Understanding Project Evaluation Design, Implementation, and Use*. Leadership Studies Young African Leaders Institute (YALI), Manhattan, KS. (2018)

**Middendorf, B.J.**, et.al. *Side Event: Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SILL) – Youth Engagement and Capacity Building*. 2018 World Food Prize – Borlaug Dialogue – Des Moines, IA (2018).

Stewart ZP, Pierzynski GM, **Middendorf BJ**, Prasad PVV. 2018. “Prioritizing biophysical and socioeconomic factors for enhancing soil fertility in sub-saharan Africa – survey results.” 21st World Congress of Soil Sciences, 14 – 16 Aug., Rio de Janeiro, Brazil.

Stewart ZP, Pierzynski GM, **Middendorf BJ**, Prasad PVV. 2018. “Prioritizing biophysical and socioeconomic factors for enhancing soil fertility in sub-saharan Africa – summit results.” 21st World Congress of Soil Sciences, 14 – 16 Aug., Rio de Janeiro, Brazil.

- Pierzynski GM, Prasad PVV, Stewart ZP, Vipham J, **Middendorf BJ**. 2017. "Soil chemistry and agronomic biofortification for improved human health." Annual Meeting of ASA-CSSA-SSSA, 22 – 25 Oct., Tampa, Florida, USA.
- Pierzynski GM, Prasad PVV, Stewart ZP, Vipham J, **Middendorf BJ**. 2017. "Soil chemistry, food security and human health: Overview." Annual Meeting of ASA-CSSA-SSSA, 22 – 25 Oct., Tampa, Florida, USA.
- Prasad PVV, **Middendorf BJ**, Stewart ZP, Pierzynski GM. 2017. "Accelerating increases in sustainable agricultural productivity." Annual Meeting of ASA-CSSA-SSSA, 22 – 25 Oct., Tampa, Florida, USA.
- Pierzynski GM, Prasad PVV, Stewart ZP, Vipham J, **Middendorf BJ**. 2017. "Sustainable intensification for meeting human micronutrients needs." International Conference on Biogeochemistry of Trace Elements, 16-20 July, Zurich, Switzerland.
- Prasad PVV, Pierzynski GM, Stewart ZP, Vipham J, Djanaguiraman M, **Middendorf BJ**. 2017. "Role of sustainable intensification for food and nutritional security: opportunities and linkages." N-8, AgriFood Sustainable Food Production Conference, 11-13 July, Durham, UK.
- Middendorf, B.J.**, and Flora, C. "Sustainable Intensification for Smallholder Agriculture: Systems and Equity." 80<sup>th</sup> annual meeting Rural Sociological Society (RSS) – Columbus, OH – 2017.
- Middendorf, B.J.**, and Flora, C. "Can smallholder farmers have access and control of sustainable intensification that increases equity as well as productivity?" Joint annual meetings and conference of the Agriculture, Food, and Human Values Society (AFHVS) and the Association for the Study of Food and Security (ASFS) – Los Angeles, CA – 2017
- An Analysis of the contributions of the National Science Foundation's Research in Disabilities Education (in STEM) program to the education of students with disabilities in STEM post-secondary programs.* – Poster Presentation – Institute for Student Learning Assessment Diversity Summit, Kansas State University, November 3, 2016. With Thurston, L.P, Shuman, C., and O'Neal, J.
- Transforming the Culture of Evaluation through Design Processes, Capacity Building, and Shared Leadership: Approaches at the National Science Foundation Education and Human Resources Directorate.* - American Evaluation Association (AEA) Annual Conference –Atlanta, GA – 2016
- Embracing Context through Culturally Responsive Evaluation – Strategies and Lessons Learned.* - (Session Chair) American Evaluation Association (AEA) Annual Conference –Chicago, IL – 2015
- Empowering Local Voices in Evaluation (Session Chair)* American Evaluation Association (AEA) Annual Conference –Chicago, IL – 2015
- Promoting Research and Innovation in Methodologies for Evaluation (PRIME): Outcomes and Impacts from the National Science Foundation (NSF) Investments* - American Evaluation Association (AEA) Annual Conference –Chicago, IL – 2015
- Comparative Evaluation Studies from an Historical and Global Context (Discussant)* American Evaluation Association (AEA) Annual Conference –Denver, CO – 2014

*Examining Global Youth Education Programs through Evaluation (Session Chair)* American Evaluation Association (AEA) Annual Conference –Denver, CO – 2014

*Lessons Learned Utilizing Mixed Methods Evaluation within African Agricultural Settings (Session Chair)* American Evaluation Association (AEA) Annual Conference –Denver, CO – 2014

*Research in Disabilities Education: A Decade in Review Exploring Impacts, Outcomes, and Lessons Learned* - American Evaluation Association (AEA) Annual Conference –Denver, CO – 2014 with Shuman, C. and Thurston, L.P.

*Developing a Shared Understanding of Broadening Participation Research: A Global Perspective* European Evaluation Society Annual Meeting – Dublin, Ireland – 2014 with Shuman, C.

*Evaluating Equity-Focused Postsecondary Educational Partnerships* - European Evaluation Society Annual Meeting – Dublin, Ireland – 2014 with Goodyear, L, Moriarty, M., and Thurston, L.P.

*Synthesis Project Utilizing Citation Analysis to Document Decade of Program Impact Research* – American Evaluation Association (AEA) Annual Conference – Washington, DC – 2013 – with Shuman, C., York, V., and Stark, W.

*Developing a Shared Understanding of Broadening Participation Research* – American Evaluation Association (AEA) Annual Conference – Washington, DC – 2013 – with Shuman, C., York, V., and Stark, W.

*International & Cross-Cultural Partnerships: Understanding Relationships or Mutual Support and Value: Valuing our Partners: Lessons Learned Through Building Relationships with Kenya Partners* – American Evaluation Association (AEA) Annual Conference – Anaheim, CA – 2011.

*The Theory and Practice of Evaluation in the Research to Sustainability Continuum: Utilizing Research to Sustainability Continuum for Evaluation Capacity Building* – American Evaluation Association (AEA) Annual Conference – Anaheim, CA – 2011– with Della Peña, C., Goodyear, L., and, Thurston, L.P.

*Evaluating Recruitment and Retention Practices for Broadening Participation of Underrepresented Groups in STEM* – Hawaii International Conference on Education – Honolulu, HI – 2010 – with Thurston, L.P.

*Data Reduction and Classification Decisions: Using a Factor Analytic Approach to Examine Exemplary Teaching Characteristics* – American Evaluation Association (AEA) Annual Conference – San Antonio, TX – 2010 – with Hodge, S., Thurston, L.P., Dunn, C.

*Evidence of Impact: Informing Legislators to Improve Decision-making* – American Evaluation Association (AEA) Annual Conference – San Antonio, TX – 2010 - with Bradford, S., York, V., Cole, J.

*Improving Evaluation Quality Through Use of an Interactive Database* – American Evaluation Association (AEA) Annual Conference – San Antonio, TX. – 2010 – with Schroeder, A., Bradford, S., York, V.

*A National Study of Core Exemplary Teaching Characteristics: An Exploratory Construct Validation* – American Evaluation Association (AEA) Annual Conference – Orlando, FL – 2009 – With Hodge, S., Thurston, L.P., Dunn, C.

- Faculty Perceptions of Their Department Chair's Effectiveness* – American Educational Research Association (AERA) – San Diego, CA. – 2009 – with Benton, S.
- Using Faculty Ratings to Provide Formative Feedback about the Department Chair's Effectiveness* – Academic Chairpersons Conference – Orlando, FL – 2009 – with Benton, S., and Webster, R.
- Five Keys to Aligning Professional Development Philosophies, Programs, and Practices* – Annual meeting of the National Staff Development Council (NSDC) – St. Louis, MO. – 2009 – with Lovely, S., Rickabaugh, J., Hodge, S.
- Evaluating Department Chair's Effectiveness Using Faculty Ratings as Formative Feedback* – American Evaluation Association (AEA) Annual Conference – Orlando, FL – 2009 – with Benton, S.
- A National Study of Core Exemplary Teaching Characteristics: An Exploratory Construct Validation* – American Evaluation Association (AEA) Annual Conference – Orlando, FL. 2009 – with Hodge, S., Thurston, L.P., Dunn, C.
- Utilizing Accepted Standards to Evaluate an Academic Leadership Development Program at Kansas State University* – American Evaluation Association (AEA) Annual Conference – Orlando, FL – 2009 – with Thurston, L.P., York, V.
- Examining the Voices of Stakeholders to Inform the Evaluation* – American Evaluation Association (AEA) Annual Conference – Orlando, FL – 2009 – with York, V., Thurston, L.P., McGee, J.E., Bradford, S.
- Evaluating Campus/Community Partnerships through Service-Learning to Improve Water Quality* – Conference Proceedings in North American Association for Environmental Education (NAAEE) 6<sup>th</sup> Annual Research Symposium – Portland, Oregon – 2009 – with Smith, C. A., Hargrove, W.L.
- Campus Climate: Perceptions of SEM and non-SEM Faculty* – Annual National Women in Engineering ProActive Network (WEPAN) Conference – Austin, TX – 2009 – with Britton, D., Baird, C., Dyer, R., Montelone, B., Smith, C.
- Deciding What Works: A 7-step Model for Evaluating Strategic Programming to Increase Numbers of Underrepresented Groups in STEM fields* – Workshop for AAAS 3rd Annual Conference on Understanding Interventions That Broaden Participation in Research Careers – Bethesda, MD – 2009 – with Thurston, L.P.
- Faculty Perceptions of Their Department Chair's Effectiveness* – American Educational Research Association (AERA) – San Diego, CA – 2009 – with Benton, S.
- Using Faculty Ratings to Provide Formative Feedback about the Department Chair's Effectiveness* – Academic Chairpersons Conference – Orlando, FL. – 2009 – with Benton, S., Webster, R.
- Utilizing Service-Learning for Watershed Enhancement: Water Quality Improvement Through Community/Campus Partnerships* – National Water Program (NWP) Annual Conference – St. Louis, MO – 2009 – with Smith, C., Hargrove, C.
- Communicating With Clients: An Interactive Demonstration of Do's and Don'ts for Evaluators* – American Evaluation Association (AEA) Annual Conference – Denver, CO – 2008 – with Thurston, L.P., Bailey, S., Smith, C., Dunn, C., Hodge, S.
- WaterLINK: Utilizing Service-Learning to Enhance and Protect Water Quality* - North American Association for Environmental Education Conference – Wichita, KS – 2008 – with Smith, C., Hargrove, W.

*Evaluation as a Learning Tool: Maximizing Outcomes Using Strategic Formative Evaluation* – American Evaluation Association (AEA) Annual Conference – Baltimore, MD – 2007 – with Thurston, L., Shuman, C., Smith, C., McGee, J., Hodge, S.

*Serving And Learning: A Model For Watershed-Based Water Quality Improvement* – Georgia Water Resources Conference, UGA's Georgia Center – Athens, GA – 2007 – with Hargrove, Lavergne, Smith, Snethen

*Growing an Evaluation Office: Five Years and a Million Dollars* – Crossing Borders, Crossing Boundaries – Toronto, Canada – 2005

*Multi-Site Evaluations from a State and National Perspective: An Example From StateNets* – Crossing Borders, Crossing Boundaries – Toronto, Canada – 2005

*External Performance Measures – A Gathering of State Networks*, EDUCAUSE – Tempe, AZ – 2005

*The Human Components of Evaluation* – American Evaluation Association (AEA) Annual Conference – Atlanta, GA – 2004

*Improving Programs and Influencing Decision Making: Impact of Evaluation on Kan-ed, a Statewide Initiative* - American Evaluation Association Annual Conference – Atlanta, GA Nov. 3-6, 2004 – with Shuman, C.

*Designing Evaluations for Rural Education Programs: A Model and Examples* – Annual Rural and Small Schools Conference, Manhattan, KS – 2004 – with C. Shuman, & I. O'Dell.

*Kan-ed Assessment and Evaluation Overview* – Technology Assistance for Kansas Educators (TAKE) Conference – Topeka, KS – 2003

*OEIE Representative and Facilitator* – 23<sup>rd</sup> Annual Rural Education and Small Schools Conference – Kansas State University – 2001

*Full Day/Full Service Programs - Wexford Community School* – Michigan PTA Annual Convention – Traverse City, MI – 1999 – with Michigan State Board of Education President Kathleen N. Straus

*Title I & At-Risk Funds: Compliance Issues to Consider; Analysis of Schoolwide vs. Targeted Assisted Programs; Professional Development Funds: Options for Eisenhower* – Lansing School District – Lansing, MI – 1997-1999

*Cross Cultural Understanding* – Lansing School District Instructional Assistants Staff Development Meeting – Lansing, Michigan – 1995

*Employment in Development: The Peace Corps as a Stepping Stone* – Luncheon Seminar Series for Society for International Development / Center for Advanced Study in International Development –Michigan State University – Lansing, MI – 1994

*Contemporary Focus of Peace Corps: Eastern Europe and Beyond* – Rotary Club – Athens, Ohio – 1992

*Peace Corps in Latin America – Introduction to Latin American Studies/Lecture Series* – Ohio University – Athens, Ohio – 1992

*Cultural Comparison: Gender Roles of Hondurans and U.S. Citizens* – Social Studies Course, Commodore Middle School – Bainbridge Island, WA – 1991

*Agricultural Extension in Honduras* – Rotary Club – Aberdeen, ID – 1991

*Volunteer Advisory Council: Importance of Strong Organizational Skills and Professional Conduct* – Volunteer Advisory Council Conference – Tegucigalpa, Honduras – 1990

*Day in the Life of a Peace Corps Volunteer, and Women in Agriculture: Does it Work in Honduras?* – Peace Corps Staging – Miami, FL – 1990

*Challenges for Women Working in Development* – Instituto de Entrenamiento ARAWAK – Tegucigalpa, Honduras – 1989

## **SELECTED TEACHING AND TRAINING ACTIVITIES**

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### ***Formal University Teaching:***

Pitfalls and Pathways: Lessons in International Development, University Honors Program (Undergraduate), Kansas State University (Fall 2020)

Pitfalls and Pathways Lessons in International Development, University Honors Program (Undergraduate), Kansas State University (Fall 2019)

### ***Training Activities:***

*Developing Logic Models* – Directorate for Education and Human Resources Program Officers and Staff - National Science Foundation – Arlington, VA – November 2015

*The Basics of Developing Program Evaluation Plans* - Directorate for Education and Human Resources Program Officers and Staff - National Science Foundation – Arlington, VA – October 2015

*Evaluation and Logic Model Workshop* – Targeted-Excellence Project for CORES Principal Investigators and faculty – Kansas State University – Manhattan, KS – November 2008

*Evaluation Basics* – EDACE 786 Granting Writing Course – Kansas State University – Manhattan, KS – October 2007

*Writing Effective Grants* – Unified School District 320 Professional Development for faculty – Wamego, KS – November 2006

*Provost's Initiative to Identify Outcomes and Measures for Engagement in Collaboration with the Provost's Advisory Group on Engagement* – Kansas State University – Manhattan, KS – June 2006

*Writing Effective Grants and Logic Models* – 2005 Spring Roundtable EPA Region 7 Headquarters – Kansas City, KS – March 2005

*Designing Evaluations for Rural Education Programs: Models and Examples* – Rural Education and Small Schools Conference – Manhattan, KS – November 2004

*Improving Programs and Influencing Decision Making: Impact of Evaluation on KAN-ED, A Statewide Initiative* – American Evaluation Association (AEA) Annual Conference – Atlanta, GA – November 2004

*Grant Writing and Proposal Development* – College of Education, Faculty Mentors – Kansas State University – Manhattan, KS – October 2004

*Grant Writing and Proposal Development* – College of Education – Kansas State University – Manhattan, KS – November 2003

*Grant Writing and Proposal Development* – Department of Sociology, Anthropology, and Social Work – Kansas State University – Manhattan, KS – October 2002

## **PROFESSIONAL ASSOCIATIONS**

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- American Association for the Advancement of Science (AAAS) – Member 2019 to present
- American Society of Agronomy (ASA), Crop Science Society of America (CSSA), Soil Science Society of America (SSSA) – Member 2016 to present
- American Educational Research Association (AERA) – Member 2001 to present
- American Evaluation Association (AEA) – Member 2001 to present
  - Program Co-Chair for the International and Cross Cultural Evaluation TIG (Topical Interest Group) for the American Evaluation Association (2011-2015)
- Association for Supervision and Curriculum Development (ASCD) – Member 1997 – 2013
- European Evaluation Society (EES) – Member 2014 to present
- Full Day/Full Service School Assembly, Statewide Advisory Committee – Member 1997 - 2001
- Honors Society of Phi Kappa Phi – Member 2006 to present
- Kansas Community Education Association (KSCEA) – Member 2001 - 2009
- Linking All Types of Teachers to International Cross Cultural Education (LATTICE) – Member 1996 to present
- Michigan Association for Computer-related Technology Users in Learning (MACUL) – Member 1997 - 2001
- Michigan Association of State and Federal Program Specialists – Member 1997 - 2001
- Michigan School Public Relations Association (MSPRA) – Member 1999 – 2001

## **COMMUNITY SERVICE**

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- Board Member of Groundswell International (2017 to present)
  - Vice Chair 2021
  - Secretary 2020
- Kansas Evaluation Advisory Board Member for the National Communities In Schools (2013 - 2015)
- K-State United Way Campaign Chair (2011-2012)
- K-State United Way Campaign Co-Chair (2010-2011)
- Academic Site Council Member for Eisenhower Middle School – USD 383 (2007-2009)
- Academic Site Council Member for Theodore Roosevelt Elementary School – USD 383 (2001-2007)
- Co-Director for Local Community Church Fundraiser (2002-2009)
- Board Member, WaterLINK: Water Quality Improvement through Service Learning (2005-2007)
- Budget Advisory Council for Manhattan – USD 383 (2004)
- Board Member, President, Eastminster Child Development Center (1998-1999)

## **PEER REVIEWER FOR THE FOLLOWING COMPETITIONS**

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- Kansas State University - Faculty Development Awards and University Small Research Grants funding program (2011-2013)
  - Division of Undergraduate Education (DUE) for Advanced Technology Education – ATE (2013)
  - National Science Foundation - Education and Human Resources Core Research – ECR (2013)
  - National Science Foundation - Promoting Research and Innovation in Methodologies for Evaluation - PRIME (2012 & 2013)
  - National Integrated Water Quality panel of United States Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA), Institute of Bioenergy, Climate and Environment (IBCE), (2012 & 2013)
  - National Science Foundation - Science, Technology, Engineering, and Mathematics Talent Expansion Program - STEP (2011 & 2013)
  - National Science Foundation - Division of Undergraduate Education - DUE (2011)
  - National Science Foundation - Research in Disabilities - RDE (2010 & 2011)
  - National Science Foundation - Research on Gender in Science and Engineering - GSE (2009 & 2010)
  - National Science Foundation - Broadening Participation in Computing Science (2009)
  - Upward Bound Math Science/Veterans Program - UBMS/VUB (2007)
  - U.S. Department of Education - Gaining Early Awareness and Readiness for Undergraduate Programs Competition – GEAR UP (2006 & 2008)
  - U.S. Department of Education - Teacher Quality Enhancement Grants (2005)
  - U.S. Department of Education - Parent Information and Resource Center Program (2005)
  - U.S. Department of Education - Magnet Schools Assistance Program Grant (2004)
  - Woman Educational Equity Program Grant Review (2004)
  - U.S. Department of Education - FIPSE-Postsecondary Education (2003)
  - U.S. Department of Education - Community Technology Centers (2002)
  - U.S. Department of Education - Technology Challenge Grants (2002)
  - Several State Funded Competitions – Michigan (1997-2001)