

RESUMES OF PROJECT PARTNERS

Jack Elliot, Principal Investigator, Texas A&M University

Martin B. Schneider, Principal Investigator, University of Namibia

Osmund Mwandemele, Pro Vice Chancellor, University of Namibia

Michelle Owens-Glenn, Northeast Organic Farming Association, New Jersey

Linda Diane Cleboski, The Norman E. Borlaug Institute for International Agriculture

Jonathan Manning Hubchen, Louisiana State University AgCenter

Barbara S. Hutchinson, University of Arizona

Luke Kanyomeka, AGRISSON Conference Chair, University of Namibia

James Arthur Knight, Jr., University of Arizona

Erika Maass, Director Teaching and Learning Improvement Unit, University of Namibia

Gary J. Wingenbach, AIAEE President, Texas A&M University

CURRICULUM VITAE

Jack Elliot

Professor and Head
Agricultural Education and Communications
College of Agriculture and Life Sciences
Texas A&M University
College Station, TX 77843-2116
jelliot@tamu.edu

Education

Ph.D. The Ohio State University, Agricultural Education, 1988
M.A. Washington State University, Agricultural Economics, 1978
B.S. Washington State University, Agricultural Education, 1975

Experience

2008-Present Professor and Head, Department of Agricultural Leadership, Education, and Communications, Texas A&M University, College Station, TX.
2002-2008 Professor & Head, Department of Agricultural Education & Professor, Arid Lands Resource Sciences (Interdisciplinary Doctoral Degree Program), The University of Arizona, Tucson, AZ.
2000-2005 Assistant Dean & Faculty Associate, College of Agriculture and Life Sciences Office of Academic Programs, The University of Arizona, Tucson, AZ.
1996-2002 Associate Professor, Department of Agricultural Education and Arid Lands Resource Sciences (Interdisciplinary Doctoral Degree Program), The University of Arizona, Tucson, AZ.
1992-1996 Assistant Professor, Department of Agricultural Education, The University of Arizona, Tucson, AZ.
1988-1992 Assistant Professor, Dept. of Agricultural and Extension Education (AEE)
Adjunct Assistant Professor, Dept. of Fisheries and Wildlife, Michigan State University, East Lansing, MI.
1986-1988 Graduate Research Associate, The National Center for Research in Vocational Education and Departments of Agricultural Engineering and Agricultural Education, The Ohio State University, Columbus, OH.
1983-1986 Agricultural Education Instructor, Montesano High School, Montesano, WA.
1983-1991 Custom Combine Operator, (summer employment) Belt, MT.
1977-1983 Farmer/Rancher, Belt, MT.
1975-1977 Graduate Research and Teaching Assistant, Departments of Agricultural Economics and Agricultural Education, Washington State University, Pullman, WA.

Selected Grants

2007/08 Improving Health Occupations (\$137,000 Total) (Arizona Department of Education).
2003/09 High Stakes Testing: 6 year follow-up. (\$179,000 Total) (NAVIT).
2000/08 Rural Rehabilitation, "Agricultural Education Enhancement," (\$160,000 Total).

- 2000/07 Professional Development in CTE. (\$956,117.18 Total) (Arizona Department of Education).
- 2000/03 United States Department of Agriculture, "MOA Universities of Namibia and Arizona," \$146,000 funded.
- 1998/01 National Science Foundation, "Globe Soil Moisture Investigation," (\$322,645 Total).
- 1999/00 Distributed Learning Team for the College of Agriculture, "Connecting with our Audience," \$2,568 funded.

Selected Publications

- Elliot, J. (2008). *Agribusiness: DECISIONS & DOLLARS 2nd Edition*, Delmar Publishing Co.
- Elliot, J. & Derner, S. (2008). *Strategies to Integrate Now, Relevant Classroom*.
- Elliot, J. & Jepsen, H. (2008). *Communicating Knowledge in Agriculture and the Life Sciences*, Kendall/Hunt Publishing.
- Glassman, R., Elliot, J., & Knight, J. (2007). *Water Management Challenges in Global Change*, chapter: Interactive agricultural experience of 4th grade students in Arizona. Ulanicki et. al. (eds). Taylor & Francis Group, London, ISBN 978-0-415-45415-5.
- Molina, Q., Elliot, J., Foster, B. & Jepsen, H. (2007). *The Update and Validation of the Professional Education Competencies in Agricultural Education*. Proceedings of the 2007 Association for Career and Technical Education Research 41st Annual Research Conference, Las Vegas, NV.
- Elliot, J. (2007). *Premier Educational Delivery System*, *Journal of Career and Technical Education Research*, 32 (1).
- Jepsen, H., Pastor, M. & Elliot, J. (2007). *Agricultural Perceptions of the Participants of the Summer Agricultural institute*. Proceedings of the 2007 Association for Career and Technical Education Research 41st Annual Research Conference, Las Vegas, NV.
- Bushong, G., Elliot, J., Franklin, E., & Foster, B. (2007). *Arizona Agricultural Teachers' Association Agriscience Curriculum Review*. Proceedings from the 2007 Western Region AAAE Research Conference, Cody, WY.
- Radhakrishna, R., Connors, J., Elliot, J. & Verma, S. (2001). *Journal of International Agricultural and Extension Education: From early beginnings to sound, sustained future*. Accepted for publication in the fall issue of *The Journal of International Agricultural and Extension Education*.
- Elliot, J., Knight, J., Foster, B., Franklin, E., & Miller, G. (2001). *Are high stakes tests a fair assessment for CTE students?* *Proceedings of the 2001 Conference of the Association of Career and Technical Education*, New Orleans, LA.
- Elliot, J., Owens, M. & Mwandemele, O. (2001). *Namibia and Arizona: Arid land allies*. *Proceedings of the 17th Annual Conference of the Association for International Agricultural and Extension Education*, 17, 432. Baton Rouge, LA.
- Elliot, J. & Frick, M. (2001). *Russia's agricultural Educational Methodology Center*. *Proceedings of the 17th Annual Conference of the Association for International Agricultural and Extension Education*, 17, 431. Baton Rouge, LA.
- Elliot, J. & Claves, T. (2001). *Computer and Internet use by private agricultural extension agents in Messinia Prefecture, Greece*. *Proceedings of the 20th Annual Western Region Agricultural Education Research Conference*, 20, 61-73. Carmel, CA.

CURRICULUM VITAE

Martin B. Schneider

Executive Dean: Faculty of Agriculture and Natural Resources
University of Namibia, Private Bag 13301, Windhoek, Namibia
mbshnei@iway.na
mbschneider@unam.na

Education

Ph.D.	1990, examinations passed with "cum laude"
M.Sc.	1984, examinations passed with distinction
1979-1984	Studies in Geography, Economics, Soil Science, Environmental Sciences and Geology at the J.W.Goethe University, Frankfurt/Main
1963-1967	Dahlmann Primary School, Frankfurt/Main, Main-Taunus Kreisgymnasium, Hofheim (Grammar School)
1978-1979	Military Service in the German Army
1977	Abitur (Senior Certificate)

Work Experience

1 st May 2009/Present	Appointed Acting Executive Dean: Faculty of Agriculture and Natural Resources – University of Namibia
1 st January 2005	Appointed Deputy Dean: Faculty of Agriculture and Natural Resources – University of Namibia
06.12.1999/Present	Senior Researcher and Projects Coordinator: Faculty of Agriculture and Natural Resources – University of Namibia/Windhoek
1995-1999	Senior Agricultural Training Officer with the Ministry of Agriculture, Water and Rural Development (MAWRD), Division of Agricultural Training, Windhoek/Namibia
1990-1995	Resident Representative and Country Director: Konrad Adenauer Foundation, Windhoek/Namibia
1989	Promoted to Principal Agricultural Researcher
1986	Promoted to Senior Agricultural Researcher and Head of Soil Science Department
1985 - 1990	Agricultural Researcher with the Ministry of Agriculture, Fisheries, Water and Rural Development, Windhoek/Namibia

1984 - 1985	Soil Scientist with the Soil and Irrigation Research Institute, Pretoria/South Africa
1982 - 1984	Scientific Assistant at the Institute for Geography, J.W. Goethe University, Frankfurt/Main
1982	Assistant Town Planner with the German Agency for Technical Cooperation (GTZ), Tegucigalpa/Honduras
1982	Assistant Soil Scientist with the Soil and Irrigation Research Institute, Pretoria/South Africa
1982	Assistant Researcher with the Institute for Forest Hydrology, Hannover, Germany

Affiliations

Registered as "Natural Scientist" (Pr. Sci. Nat.) with the South African Council for Natural Scientific Professions - SACNASP
Member of the International Soil Science Society

Additional Qualifications and Experience

English, French, Afrikaans
Consultant for GTZ - Gesellschaft für Technische Zusammenarbeit (German Agency for Technical Cooperation, Frankfurt)
Consultant for DIE (German Development Institute, Berlin)
Consultant for UNESCO (Windhoek Cluster Office)
Private Pilot Licence (PPL), Driver's Licence
United Nations Election Observer 1994 (UNOMSA)
Election Officer during implementation of UN Resolution 435, Namibia 1989

Recent Selected Publications

SCHNEIDER, M.B. (2001): Natural & Socio-Economic Environment. – In: Christelis, G & Struckmeier, W. (ed). Groundwater in Namibia – an Explanation to the Hydrogeological Map. Windhoek, pp.14-29
SCHNEIDER, G.I.C. & SCHNEIDER, M.B. (2005): Gondwanaland Geopark, UNESCO Consultancy, 210 p.; Windhoek/Namibia.
SCHNEIDER, M.B. (2007): Research-Why and How, UNAM's Research and Publication Profile. University of Namibia, Windhoek.
<http://dspace.unam.na:8081/dspace/handle/1995/290>

CURRICULUM VITAE

Osmund Damian Mwandemele

Pro-Vice Chancellor for Academic Affairs and Research
University of Namibia, Private Bag 13301, Windhoek, Namibia
odmwandemele@unam.na

Education

Ph D University of Sydney, Australia, 1983.
M Sc. University of Dar es Salaam, Tanzania, 1978.
B Sc. (Hons.) University of Dar es Salaam, Tanzania, 1976.

Experience

2007-Present Pro-Vice Chancellor for Academic Affairs and Research, University of Namibia
2003-2006 Founding Director, Sam Nujoma Marine and Coastal Resources Research Centre,
Henties Bay, Namibia.
1995-2003 Founding Dean, Faculty of Agriculture and Natural Resources, University of
Namibia.
1994-1995 Director, Graduate School, Egerton University, Njoro, Kenya.
1994-Todate Professor, Plant Genetics and Breeding
1990-1994 Associate Professor, Plant Genetics and Breeding
1988-1990 Associate Dean, Faculty of Science, University of Dar es Salaam, Tanzania
1985-1990 Senior Lecturer, University of Dar es Salaam
1981-1985 Lecturer, University of Dar es Salaam
1978-1981 Assistant Lecturer

Awards/Recognitions

Elected Fellow: Indian Society of Genetics and Plant Breeding, 1989.
Selected as Founding Member: College of Research Associates, United Nations University Institute
of Natural Resources in Africa (UNU-INRA) 1999.
Honorary Professor: Czech University of Agriculture Prague, Czech Republic.
Scientific Advisor: International Foundation for Science (IFS) 2002
Chair: Steering Committee of the Southern Africa Network of Biosciences (SANBio) Current.
Member: Ministerial Advisory Committee on Indigenous Knowledge Systems (IKS), Ministry of
Science and Technology, Republic of South Africa, 2008-2010.
Member: Board of Directors of the Women's Action for Development (WAD), Current.

Recent Selected Publications

Awala, S., Nanhapo, P., Kanyomeka, L., Sakagami, J., **Mwandemele, O.D.**, Ipinge, S., Izumi, Y.,
Suzuki, T., and Iijima, M. 2009. Performance selected Rice cultivars in seasonal wetlands and
Zambezi river flood plains in Namibia. *Plant Prod. Sci.* (submitted)

Awala, S.K., Nanhapo, P., Kanyomeka, L., Sakagami, J., **Mwandemele, O.D.**, Ipinge, S., Izumi,
Y., Suzuki, T., and Iijima, M. 2009a. Potential for rice cultivation in seasonal wetlands and
Zambezi river flood plains in Namibia. *Japanese J. Crop Sci.* 78 (Extra Issue 1): 10-11.

Awala, S.K.,P.I. Nanhapo, J. Sakagami, L. Kanyomeka , **O. D. Mwandemele** and M. Iijima (2009b): Rice production assessment in a saline affected seasonal wetland, Oshana, in north-central Namibia, Japanese J. Crop Sci. 78 (Extra Issue 1): 12-13.

Kanyomeka L., Shiimi E.M., Awala S.K., **Mwandemele O.D.** & M. Iijima, 2009. Seasonal variations in the performance of rice genotypes grown in north-central Namibia. Proceedings of the 13th Agricultural Scientific Society of Namibia (AGRISSON) Congress, 1- 2 July 2009, Oshakati, Namibia; pp49 – 56 (Peer Reviewed Conference).

Suzuki T., Hiyama T., Kanyomeka L., **Mwandemele O.D** & M. Iijima, 2009:Preliminary Results on Energy Balance of Seasonal Wetland in Northern Namibia Towards the Water Use Assessment to Introduce Rice Cropping. Proceedings of the 13th Agricultural Scientific Society of Namibia (AGRISSON) Congress, 1- 2 July 2009, Oshakati, Namibia; pp 57 – 68 (Peer Reviewed Conference).

Gwanama, C., Kanyomeka, L., **Mwandemele, O.D.** & F. Mubiana (2009): Evaluating wheat cultivars' performance for salinity tolerance in desert soils of the coastal areas of Namibia. *Namibia Development Journal Vol.2 No.1:1-8*

Mwandemele, O. D., K. E Mshigeni, P. Kosina and C. Kamburona, 2006. Challenges of domesticating wild plants: The case of the Devil's Claw (*Harpagophytum* spp.). *Discovery and Innovation Journal*, Vol. 18 No. 3: 175-181

Mwandemele, O. D. 2005. Development of an Agriculture Degree Programme at the Faculty of Science and Agriculture, University of The Gambia, FAO Project TCP/GAM/2905, an Expert report submitted to FAO, May 2005.

Mshigeni, K. E., L. Hangula, and **O. D. Mwandemele**, 2005. Nostalgic reflections from a visit to the Namib Desert in Namibia: A Biological, Ecological, and Palaeontological Wonderland. An Editorial: *Discovery and Innovation Journal*, Vol. 17 Nos.1&2:1-7

Mshigeni, K. E., Mohamed, M. and **O. D. Mwandemele**, 2003.The Water Hyacinth Crisis in Africa: A Potential Socio-Economic Opportunity for Poverty Reduction and Sustainable Livelihoods. Editorial for Vol. 14, No. 3/4 *Discovery and Innovation Journal*.

Fabiano, E., K E Mshigeni and **O D Mwandemele**, 2002. University Science and Technology Education and Economic Development. In Savage M. and P. Naidoo (eds) *Popularisation of Science and Technology: Some Case Studies from Africa*. Commonwealth Secretariat, London. pp33-47.

Mwandemele, O D 2002. Presenting the Faculty of Agriculture and Natural Resources and the Vision of the Namibia University of Agriculture and Natural Resources (NUCA). *University of Nagoya's International Cooperation in Agriculture*, Vol. 1: 15-27.

CURRICULUM VITAE

Michelle Owens-Glenn, PhD

Co-Executive Director, Northeast Organic Farming Association, New Jersey
m.glenn@nofanj.org

Education

PhD International Agricultural Education, Penn State University, State College, PA, 1998.
MS Animal Science/Ruminant Nutrition, University of Arizona, Tucson, AZ, 1994.
BS Agriculture Science and Management/Animal Science, University of California, Davis,
CA 1983.

Key Qualifications

Project Development and Implementation; co-PI USAID projects; Coordinate International Learning Opportunities; Agricultural Extension and Training approaches and methodologies; Participatory Approaches; Youth policy development; Impacts of HIV/AIDS on Agriculture production; Micro-credit programs for rural communities; Curriculum Development; Communication methodologies (rural radio, media); International Programs implementation and evaluation. Language skills include French and some Kikongo and Spanish.

Experience

2009-present Co-Director, Northeast Organic Farming Association in New Jersey
2006-2009 Director, International Extension Programs, MSU
Associate Director, Institute of International Agriculture, MSU
2004-2006 Director, Lake County One-Stop (Workforce Investment Act Program) Lake
County Office of Education, Lakeport, California
1998-2004 FAO Program Officer for Africa Region, Agricultural Extension, Education
and Communications, Sustainable Development Unit, Food and Agriculture
Organization, Accra, Ghana

Relevant Professional History

2006-2008 Michigan State University – Peru
Develop a 2 year professional development program for MSU faculty to become more engaged in international research, extension, and scholarship. Set up stateside training sessions; facilitate research linkages; set up 2 week visit in Peru including universities, agricultural institutions, rural communities and private export farming corporations.
2007-2008 Michigan State University/DAI – Serbia
Lead the MSU contributions to the development of a Rural Youth Entrepreneurship program for Serbia in collaboration with the Ministry of Agriculture, the Ministry of Education, and the Chamber of Commerce. Program will launch a nation-wide business planning competition to educate Serbian youth and promote new ideas and opportunities in agricultural business. Introduce secondary and continuing education courses in entrepreneurship, agricultural marketing, business development, and agribusiness production and technology.

- 1998-2004 Food and Agriculture Organization of the United Nations Extension, Education & Communication Officer, Africa Regional Office, Accra, Ghana
Participate in agricultural sector reviews to assess the situation and need for strengthening agricultural education, extension, training and rural youth programs and services at the country and regional level.
Promote a participatory extension approach, research extension linkages and provide assistance in developing training and extension programs for small-scale farmers, rural women and youth.
Develop, conduct and coordinate national and regional research efforts in agricultural education, extension and communication for publication and presentation at professional meetings.
Conduct studies, assist in the development, monitoring, evaluation and formulation of agricultural training, education and extension programs and projects at the country and regional level, and provide technical backstopping for their implementation.
Assist in the development of communication for development programs in the region.
Prepare clear and concise reports on the activities described above.
- 1996-1997 American Refugee Committee – Program Manager, Conakry, Guinea
Establish 3 national offices in Guinea for refugee relief programming/projects.
Hire, train and supervise 90+ international staff for managerial/extension positions.
Negotiate contracts for structural/personnel needs with UNHCR/Guinean government.
Develop and implement social, environmental and agricultural programs according to criteria established by UNHCR, USAID and Guinean government officials.
Design and conduct qualitative research on the effectiveness of refugee humanitarian aid programs in Guinea for publication.

Selected Publications

- Owens, M.E. (2004) Transforming Agricultural Extension in Africa. Journal of International Agricultural and Extension Education, Vol. 11(1), 109-110.
- Okorley, E.L., J.A. Kwarteng and M. E. Owens (2004). Determinants of the propensity of tertiary agricultural students in Ghana to enter into agribusiness as a self-employment venture. Submitted to the Ghana Journal of Agricultural Science. Council for Scientific and Industrial Research, Accra. Ghana.
- Owens, M.E. & Eweg, M. (2003) Extension Delivery for Small-Scale Sugarcane Growers in South Africa: A Public/Private Joint Venture. Association for International Agricultural and Extension Education, 2003 Annual Conference, Raleigh, North Carolina, 7-11 April 2003.
- Simpson, B.E. and Owens, M.E. (2002) Farmer Field Schools and the Future of Extension in Africa. Association for International Agricultural and Extension Education, 2002 Annual Conference, Durban, South Africa, 30 May – 05 June 2002.
- Asiabaka, C.C. and Owens, M.E. (2002) Determinants of Adoptive Behaviors of Rural Farmers in Nigeria. Association for International Agricultural and Extension Education, 2002 Annual Conference, Durban, South Africa, 30 May – 05 June 2002.

CURRICULUM VITAE

Linda Diane Cleboski

Senior Program Development Coordinator and Coordinator of Africa Programs
The Norman E. Borlaug Institute for International Agriculture
The Texas A&M University System
College Station, Texas.
l-cleboski@tamu.edu

Education

- Ph.D. Rangeland Ecology and Management (May 2008).
Dissertation Title: Use of EMYCIN to Transform Community-based Sustainable
Urban Planning Survey Data.
- M.S. Forest Resources and Conservation (August 1978). University of Florida, Gainesville
- B.S. Range Science, 1976, Texas A&M University

Experience

- 2008-Present Senior Program Development Coordinator and Coordinator of Africa Programs, The
Norman E. Borlaug Institute for International Agriculture, The Texas A&M
University System, College Station, Texas.

Program Development: Identifies and analyzes a variety of programs/projects of interest and benefit to the Agriculture Program of Texas A&M University (TAMU); develops programs and projects, collaborating with faculty, administrators and leaders of a variety of institutions; identifies and assesses TAMU resources to be committed to realization of the opportunity; prepares technical and cost proposals, financial documents and certification required by donor organizations, collaborating with contracting entities at TAMU; maintains discretionary authority for commitments during negotiations of budgets, terms of reference, and identification of personnel; periodic travels in US and internationally to develop opportunities and negotiate/alter terms and conditions of contracts and grants. Writes and coordinates the writing of proposals.

Project Management: Currently manages Texas A&M subcontracts for 2 USAID-funded IQCs, and a USAID-funded university linkage program. Served as TAMU Project Manager for the Mali Strengthening Research Planning and Research on Commodities (SPARC) Project, where TAMUS served as the prime contractor of an 8 member consortium of universities and private firms for this USAID-funded project. Provided or coordinated all technical and logistical backstopping for the project.

- 1992-Present Program Development Coordinator, Office of International Agricultural Programs, Texas A&M University System
- 1990-1992 Proposal Coordinator, Office of International Agricultural Programs, Texas A&M University System

- 1988-1990 Coordinator of Natural Resources Activities, Experience, Inc., Washington, D.C.
- 1987 Extension Video Specialist, Extension Training Component of the Togo Animal
Traction Project (Kara, Togo, West Africa)
- 1982-1985 Range Management/Livestock Specialist, USAID North Cameroon Livestock and
Agricultural Development Project, Experience, Inc. (Mindif, Cameroon)
- 1979-1980 *Associate Program Coordinator*, International Training Division, Office of
International Cooperation and Development (OICD/IT), U.S. Department of
Agriculture (Washington, D.C.)

Key Qualifications

More than 27 years of public and private sector experience in the development and management of international programs in agriculture, agribusiness, natural resources and rural development, funded through contracts and grants. Regularly collaborates with senior levels of foreign governments, international agencies, and US and foreign government agencies, including agencies of the governments of Rwanda, Ethiopia, Mali, Peru, Nicaragua, Costa Rica, and Mexico, as well as institutions within the Consultative Group for International Agricultural Research (CGIAR) system, The World Bank and regional development banks, USAID, the US Department of State, the US Department of Agriculture, private industry, non-governmental organizations, and US and international universities. Countries of work or collaboration include Tanzania, Cameroon, Togo, Mali, Ethiopia, Rwanda, Peru, Costa Rica, Mexico, Nicaragua, Turkmenistan, and France. Skills include: system-level thinking; visioning and strategy development to create and implement programs and projects; business development and marketing; and communications (written and oral) and negotiation. Additional areas of interest include: natural resources and sustainable development under global climate change conditions; promotion of women's access to education, health services and information, and participation in economic activity; "green" cities, sustainable communities, and participatory planning; renewable materials, energy and fuels; and value chain strengthening.

CURRICULUM VITAE
Jonathan Manning Hubchen, PhD.

Louisiana State University
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Education

- PhD Vocational Education with minor in Horticulture, Louisiana State, 1990 Dissertation:
Farming systems and popular participation in the Philippines
- Masters Vocational Education, 1989, Louisiana State, thesis based on evaluation of on-farm
trials in Honduras
- BS Agricultural Economics, Cornell University, 1983

Experience and International Development

- 2001-Present Program Coordinator, LSU AgCenter: Oversee Partnerships for Food Industry
Development Project, currently in E Europe, Southern Africa and Nicaragua. Duties
include:
Project Coordination – Oversee project activities in post-harvest technology, product
standards and business partnerships; coordinate project’s planning and M&E
processes.
Project Design/Proposals – Submitted scopes of work, budgets and related
documents that secured an additional \$4.4 million for the Project.
Organizational Management - Maintain partner links and develop managerial
capacity of nine partner institutes.
- 2000-2001 Program Manager, CARE East Timor,: Administered the Mission’s Agriculture
Portfolio. Managed input distribution, project planning workshops and staff training;
designed funding proposals. Supervised eleven national staff and two international
contractors.
- 1997-2000 Project Manager, CARE Moçambique,: Oversaw the Sustainable Agriculture Project
in Machaze District. Duties included the following:
Program Management - Coordinated over two hundred on-field activities with
farmers, the distribution of one hundred and ninety goats and commercial
linkages. Supervised eight project staff and over twenty support staff.
Administrative Management - Administered all logistical, financial and personnel
matters and represented CARE Moçambique on the project, district and
provincial level.
- 11/93-6/95 District Coordinator and Evaluation Consultant, World Vision Moçambique,
5/96-5/97 Primarily contributed to the Agricultural Recovery Program. Accomplishments:
Monitoring & Evaluation - Conducted the following: a survey of 1,500
farmers; assessment of market access; contact farmer participation; and crop yields.
District Management - Oversaw field stations totaling 15 hectares, supervised twelve
technicians and directed rural rehabilitation/development in 12 precincts.

- Staff Development - Conducted orientation and training strategy for District's extension component and prepared host country national to succeed me.
- 1990-1992 Administrative Support Specialist, International Cooperation & Development (USDA), Back-stopped over 40 interagency agreements with budgets of up to \$250,000. Organized data bases on plant pests, USAID regional activities and non-traditional agricultural exports.
- 1989-1990 Research Associate, Central Visayas Regional Project (CVRP), Philippines,: Surveyed 331 respondents on participation in community based resource management.

Program Expertise

Twenty years of program and project management experience in community and international development, specifically in the following areas:

Program Design & Management, Program Monitoring & Evaluation, Research Design & Management, Sustainable Agriculture/Resource Mgt

Service and Leadership Activities

Short Term Positions - As a *Community Resource Development Agent*, Wisconsin Extension (1/96-4/96), I trained community organizations in strategic planning. As a *Training Consultant*, Agricultural Cooperative Development International, (7/95-9/95) I prepared designs, follow-up surveys, and other documentation for three training programs. As a *Research Assistant*, Youth At-Risk Evaluation (10/92-1/93), I helped designed survey forms, interviewed project staff and co-authored site reports for seven evaluations of youth development projects.

Volunteer Service – As *Sports Chairman*, Partners of the Americas (6/02-Present), I coordinated the promotion of Ultimate Frisbee in El Salvador. As *Membership Chairman*, Partners of the Americas (7/86-8/89), I designed an orientation seminar and a computerized membership list. As a *Farm Hand*, Heifer Learning & Livestock Center (3/87, 9/89), I experimented on farming technologies.

Research Assistant, LSU School of Vocational Education, 8/86-8/90: Contributed to literature review, design, analysis and reporting for four research projects and summarized two evaluations using data bases.

Articles and Presentations

Training of Peace Corps Volunteers (1987), Farmers' Evaluations of On Farm Experiments in Honduras" and "Supervised Farm Practice Programs (1988), The Use of dBASE III in Determining Nutrition and Consumption Patterns (1989) and Local Participation and Farming Systems Research & Extension (1990)

Professional Affiliation

American Society for Training and Development

Skills

Portuguese, Spanish, Indonesian & Visayan/Philippines languages; computer literacy

CURRICULUM VITAE

Barbara S. Hutchinson, Ph.D.

College of Agriculture and Life Sciences, Forbes 306A

University of Arizona

Tucson, Arizona 85719

Phone: (520) 626-0329; Fax: (520) 621-7196; E-mail: barbarah@ag.arizona.edu

Education

- Ph.D. University of Arizona, Tucson, 2005, Center for the Study of Higher Education
Dissertation: Academic Capitalism, Organizational Change, and Student Workers: A
Case Study of an Organized Research Unit in a Public University
- M.L.S. University of Arizona, Tucson, 1982; Library Science
- B.A. University of California, Riverside, 1972; Major: History, Minor: English, 5th Year:
Teacher's Credential

Experience

- Nov. 2008+ Director, UA International Program Development. Supervisor: Dr. Mike Proctor,
Senior Vice President for Outreach and International Affairs. Duties include:
identifying, developing, and facilitating international research and development
projects.
- July 2007+ Assistant to the Vice Dean and Director, Agricultural Experiment Station, College of
Agriculture and Life Sciences (CALs), University of Arizona, Tucson. Supervisor:
Dr. Colin Kaltenbach. Duties include: providing program development and grants
support for CALs and the International Arid Lands Consortium (IALC); and
supporting Extension outreach initiatives.
- July 2005+ Professor, Agricultural Education, CALs, University of Arizona, Tucson. Duties
include: teaching course on "Grantsmanship in Agriculture: From Start to Finish"
and participating in departmental activities and planning sessions.
- April 2006- Assistant Dean and Team Leader, Digital Libraries and Information Systems Team,
June 2007 University of Arizona Libraries, Tucson. Supervisor: Carla Stoffle, Dean of
Libraries and Center for Creative Photography. Duties included: (1) managing two
work teams and supervising a staff of 24 personnel; (2) serving on Library Cabinet;
and (3) providing leadership in matters related to Library systems and technical
operations.

Selected Consulting

- August-September 2007: Mann Library, Cornell University and Bill and Melinda Gates Foundation.
Duties include: Prepared background paper/literature review on major agricultural information
systems and participation in the WorldAgInfo symposium, held at Cornell University, October
1-3, 2007.
- February 2000: Farmer to Farmer Program. Duties included: Library system evaluation and
training in use of The Essential Electronic Agriculture Library (TEEAL). Egerton University,
Njoro, Kenya.

Selected Honors and Awards

- 2008 U.S. Agricultural Information Network (USAIN) Distinguished Service Award
2005 UCLA Senior Fellows Award, UCLA Graduate School of Education and Information
Studies

Selected Teaching and Related Course Presentations

- 2006 AED 611: Grantsmanship in Agriculture: Start to Finish. Summer Session 1, June 2006.
Co-taught with Dr. Billye Foster (3 week course)
2005 CALS 607: Untold Stories: Understanding University Women in Agricultural Fields.
Spring.
2003 Arid Lands Resource Sciences (ALRS) 565: Physical Aspects of Arid Lands. Two class
lectures on the history of arid lands research and evaluating Web resources for arid lands
information, Fall.

Selected Professional Activities

- 2007 Invited to participate and facilitate 2nd Expert Consultation: International Information
Systems for Agricultural Science and Technology, FAO, Rome
2005-07 Chair, USAIN Task Force for the Assessment of a National Agricultural Information
Infrastructure (developed white paper)
2005-10 Elected to the Executive Council for the International Association of Agricultural
Information Specialists (IAALD)
2004-08 Elected, President, Agriculture Network Information Center (AgNIC) Executive Board

Selected Publications

Books and Monographs Including Edited Volumes and White Papers

USAIN Task Force, Hutchinson, B. (chair). 2008. Making the Case for a Next Generation Digital
Information System to Ensure America's Leadership in Agricultural Sciences in the 21st
Century. U.S. Agricultural Information Network (USAIN).
(<http://www.usain.org/WhitePaperFinal.pdf>)

Hutchinson, B. 2007. Major Agricultural Information Initiatives: With Emphasis on Developing
Country Services. Commissioned by Cornell University and the Bill and Melinda Gates
Foundation for the 1st WorldAgInfo Symposium, held at Cornell University, October 2007.
(<http://worldaginfo.org>)

Book Chapters

Hutchinson, B., J. Pfander, and G. Ruyle. 2008. Rangelands West: A Model of Internal and
External Campus Collaboration. In: Convergence and Collaboration of Campus Information
Services. Westport, Conn: Libraries Unlimited, pages 177-197.

Refereed Journal Articles

Moran, S., B. Hutchinson, S. Marsh, M. McClaran, and A. Olsson. 2008. Archiving and
Distributing Three Long-Term Interconnected Geospatial Data Sets. Special Issue of the IEEE
Transactions on Geoscience and Remote Sensing.

CURRICULUM VITAE

Luke Kanyomeka

Associate Professor and Deputy Dean
Agriculture and Natural Resources
University of Namibia
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Education

PhD University of Pretoria, South Africa, Weed Science, 2002
MS University of Zambia, Agronomy, 1995
BA University of Zambia, Crop Sciences, 1989

Experience

2008 – present Associate Professor and Deputy Dean, Agriculture and Natural Resources,
University of Namibia
2006-2004 Senior Lecturer and Head, Department of Crop Sciences, University of Namibia
2003 Lecturer and Acting Head; Department of Crop Sciences, University of Namibia
1995-2002 Lecturer, Department of Crop Sciences, University of Namibia
1995-1991 Agronomist, Gwembe Valley Development Company
1991-1990 Regional Manager, Zambia Seed Company Limited
1990-1984 Agricultural Research Officer, Research Brand of the Department of Agriculture,
Zambia

Publications

Zegada-Lizarazu, W., **Kanyomeka, L.**, Izumi, Y. & M. Iijima (2007). Water acquisition from the seasonal wetland and root development of the intercropped pearl millet in flooding ecosystem of northern Namibia. *Journal of Plant Production Science* 10 (1):20-27.
Kapawangolo, P.T., **Kanyomeka, L.** Chinsebu, K. & P.M. Chimwamurombe (2007): Microsatellite analyses of cowpea (*Vigna unguiculata*) accessions in Namibia reveal low genetic diversity *Journal of Biosciences, Biotechnology Research Asia* 4: (in press)
Kanyomeka, L., Nalisa, M., Mapaure, I. & P.C.M. Chimwamurombe (2007): First report of *Alternaria compacta* on *Acacia karoo* in Namibia. *Journal of Pure & Applied Microbiology*, Vol. 1. No: 2. (in press)
Zegada-Lizarazu, W., **Kanyomeka, L.**, Izumi, Y. & M. Iijima (2006). Potential agricultural use of seasonal flooded wetlands in Namibia and the water use of pearl millet. *Japanese Journal of Crop Science*, 221: 190 - 191 (Extra Issue) (www.jstage.jst.go.jp/article/jcsproc/221/0/190/pdf/char/ja/(Peer Reviewed Conference))

- Kanyomeka, L.**, Awala, S.K. & P. Ausiku (2007): Preliminary rice variety evaluation in seasonal wetlands, Oshanas, and the Zambezi River plains of northern Namibia. Proceedings of the 12th congress of the Agricultural Scientific Society of Namibia, 3-4 July 2007, Neudamm, Namibia. (on CD) (Peer Reviewed Conference)
- Kanyomeka, L.**, Mhanda, F. & S. Niitembu (2007): Evaluating different substrates for mushroom production in northern Namibia. Proceedings of the 12th congress of the Agricultural Scientific Society of Namibia, 3-4 July 2007, Neudamm, Namibia. (on CD)
- Awala, S.K., **Kanyomeka, L.**, Kompeli, P., Lwiinga, T., Ausiku, P. & M. Iijima (2007): Rice cultivation in seasonal wetlands, Oshanas, and the Zambezi River plains of northern Namibia. Proceedings of the 12th congress of the Agricultural Scientific Society of Namibia, 3-4 July 2007, Neudamm, Namibia. (on CD) (Peer Reviewed Conference)
- Mbulu, R.S., Tongoona, P. & L. Kanyomeka (2007): Inheritance of grain protein content and its associated qualitative trace loci in pearl millet, *Pennisetum glaucum* (L) in Namibia. Proceedings of Biotechnology, Breeding and Seed Systems for African Crops conference, 26-29 March 2007, Maputo, Mozambique.
- Kanyomeka, L.** & C.F. Reinhardt (2008). Influence of temperature on maize tolerance to alachlor, metazachlor and metolachlor *Journal of Pure & Applied Microbiology*, 2(1):23 -.28
- Kanyomeka, L.** & C.F. Reinhardt (2008). Predicting maize (*Zea mays* L.) tolerance to herbicides in the field based on greenhouse effects *Journal of Pure & Applied Microbiology*, 2(1):91 -.96
- U. Kuvare, **L. Kanyomeka**, E. Musaba & F. Mubiana (2008): A feasibility study on horticulture and agriculture industry opportunities in the Diamond Area 1 of the Sperrgebiet for Oranjemund Town Management Company. Oranjemund.

Membership

- 1995-1996 : Member of Zambia Agrochemicals Association
- 1996 to date: Member of Southern Africa Weed Science Society
- 1995 to date: Member of East and Central Africa Weed Science Society
- 2002 to date: Member of the Agricultural Science Society of Namibia
- 2002 to date: Member of Namibia Biosafety Association

CURRICULUM VITAE

James Arthur Knight, Jr.

University of Arizona

Department of Agricultural Education

Forbes 234, P. O. Box 210036

Tucson, Arizona 85721-0036

(520) 621-9144

jknight@cals.arizona.edu

Education

Post Doctoral Study	The University of Minnesota, 1984
Doctor of Philosophy	The Ohio State University, 1977
Master of Education	Colorado State University, 1975
Bachelor of Science	Colorado State University, 1969
High School Diploma	Woodlin High School, Colorado, 1964

Experience

2009 – Present	Interim Department Head	The University of Arizona
2005 – Present	Professor and Faculty Associate	The University of Arizona
2001 - 2005	Department Head	The University of Arizona
2000 - 2001	Professor	The University of Arizona
1997 - 2000	Associate Professor	The University of Arizona
1996 - 1997	Adjunct Associate Professor	The University of Arizona
1988 - 1997	Educational Consultant	James Knight Enterprises
1995 - 1997	Adjunct Associate Professor	The University of Arizona
1988 - 1994	Adjunct Associate Professor	The Ohio State University
1976 - 1988	Department of Agricultural Education	The Ohio State University
1975 - 1976	Teaching Associate	The Ohio State University
1972 - 1975	Department Chair and Instructor	Golden Sr. High School
	Vocational Agriculture Program	Golden, Colorado

Research, Creative, and Other Scholarly Activities

Publications, Papers, and Other Scholarly Activities

Published and or presented more than 50 articles, papers and monographs on various topics related to education such as School Climate, Educational Excellence, Equity, and Teaching effectiveness.

Research and Funded Projects

Directed or co-directed 24 research/development projects. Generated more than \$3,500,000 for supported projects.

Professional Service

Member of 15 professional and honorary organizations. Traveled to all 50 states, Trinidad-Tabago, Canada, Guam, Cameroon, Namibia and South Africa, and made over 2,000 of presentations on the published topics.

Recognition from Professional Groups and/or Students

Outstanding Research Paper Presentation, National ACTER Research Conference, December 2008
Fellow, American Association of Agricultural Education, May 2008
Distinguished Lecture, American Association of Agricultural Education, May 2008
Bobcats Hall of Fame Faculty Award, University of Arizona, April 2008
USDA, Excellence in Teaching Award, November 2007
Outstanding Faculty Member, Bobcats Senior Honorary, University of Arizona, April 2006
Distinguished Teaching Award, Western Region AAAE, April 2005
Outstanding Faculty Member Award, Bobcats Senior Honorary, University of Arizona, April 2005
A+ Advisor Award (Outstanding Student Advisor), University of Arizona College of Agriculture and Life Sciences, October 2004, October 2000, and October 1999.
Outstanding Faculty Member for University of Arizona, Gamma Sigma Alpha, May 2003
Outstanding International Agricultural Education Award, Western Region AAAE, May 2003
Honorary State FFA Degree, Arizona FFA Association, June 2001
Myra P. Sadker Award, National Vocational Education Equity Council, December 2000
Distinguished Service Award, National FFA Alumni Organization, October 2000
Outstanding Faculty Member Award, Jacobs-Cline Society, University of Arizona, May 2000
Millennium Edition of International Who's Who of Professional Educators, December 1999
H. O. Sargent Award, National FFA Organization, October 1999
Post Secondary Ag Educator of the Year, Arizona Agriculture Teachers Association, July 1999
International Who's Who of Professional Educators, 1999-2000
Omicron Delta Kappa National Leadership Honorary, University of Arizona, May 1999
Honorary Member of Golden Key National Honor Society, October 1998
Wakonse Fellowship for Teaching; Arizona Universities, April 1997
E. B. Knight Award for the Outstanding NACTA Journal Article for 1988
Rodney Plimpton Award for Outstanding Teaching, College of Agriculture, The Ohio State University, May 1988
Honorary Member of Sphinx (Senior Honorary at The Ohio State University), May 1988
Honorary American FFA Degree, National FFA Organization, November 1988
Alumni Distinguished Teaching Award for 1987, The Ohio State University, April 1987
Alfred J. Wright Award as the Outstanding Advisor for a Student Organization, The Ohio State University, December 1985
Inducted into Phi Kappa Phi Honor Society, May 1985
The Outstanding Service to Students Award in the College of Agriculture at Ohio State University, May 1985
Outstanding research symposium, American Vocational Education Research Association Meeting, Anaheim, California, December 1983

CURRICULUM VITAE

Erika Maass

Senior Lecturer

Director, Teaching and Learning Improvement Unit
University of Namibia, Private Bag 13301, Windhoek, Namibia
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Education

PhD University of Stellenbosch, Plant Physiology, 1999
MSc University of Stellenbosch, Plant Physiology, (cum laude) 1984
BSc University of Stellenbosch (Honns), Plant Physiology, (cum laude) 1983
BSc University of Stellenbosch, Botany & Zoology, (cum laude) 1981

Experience

Jan 2008 - present Director: Teaching and Learning Improvement Unit
Jan 2005 – Dec 2007 Director: Information and Learning Improvement Centre
Jan 2001 - Dec 2004 Coordinator: Student Learning & Development
Jan 1994 - Dec 1997 Dean: Faculty of Science
Jan 1990 - Dec 1993 Head of Department: Botany
Jan 1992 - Dec 1992 Deputy Dean: Faculty of Science

Publications

- Bolin, Jay F., **Erika Maass**, Kushan U. Tennakoon & Lytton J. Musselman (submitted to Botany). Host specific germination of the root holoparasite *Hydnora triceps* Drège & Meyer (Hydnoraceae)
- Bolin, Jay F., Kushan U. Tennakoon & **Erika Maass** (submitted to Annals of Botany). Mineral nutrition and heterothophy in the water conservative holoparasite *Hydnora* Thunb, (Hydnoraceae)
- Seymour, Roger S., **Erika Maass** & Jay F. Bolin (2009). Floral thermogenesis of three species of *Hydnora* (Hydnoraceae) in Africa. *Annals of Botany* Available online at www.aob.oxfordjournals.org
- Bolin, Jay F., **Erika Maass** & Lytton J. Musselman (2009). Pollination Biology of *Hydnora africana* Thunb. (Hydnoraceae) in Namibia: Brood-site mimicry with insect imprisonment. *International Journal of Plant Science* **170**: 157-163
- Klaassen, E.S., E. G. Kwembeya & **E. Maass** (2009). A taxonomic revision of the genus *Pentatrachia* (Asteraceae). *South African Journal of Botany* **75**: 153:164
- Chimwamuombe, P.M., **E. Maass** & J. Sheehama (2007). Molecular identification of a fungus associated with the holoparasitic angiosperm *Hydnora abyssinica* in Namibia. *Journal of Pure and Applied Microbiology* **1**: 153-156

- Tennakoon, K.U., J.F. Bolin, L.J. Musselman & **E. Maass** (2007). Structural attributions of the hypogeous holoparasitic *Hydnora triceps* Drege & Meyer (Hydnoraceae). *American Journal of Botany* **94**: 1439-1449
- Maass, E.** & L.J. Musselman (2004). *Hydnora triceps* (Hydnoraceae) – First record in Namibia and first description of fruits. *Dinteria* **29**: 1-10
- Maass, E.** & L.J. Musselman (2001). Parasitic Plants Pummel Pavement - *Hydnora abyssinica* (Hydnoraceae) *Economic Botany* **55**(1): 7-8
- Maass, Erika, Jay, F. Bolin & Roger S. Seymour** (2009). Pollination Biology of the genus *Hydnora* (Hydnoraceae). In: Rubiales, D., J. Westwood & A. Uludag (eds) Proceedings of the 10th World Congress of Parasitic Plants p43
- Bolin, Jay. F., Tim J. Motley, **Erika Maass** & Lytton J. Musselman (2009). Molecular and phylogenetic relationships and a revised taxonomy of the holoparasitic family Hydnoraceae. In: Rubiales, D., J. Westwood & A. Uludag (eds) Proceedings of the 10th World Congress of Parasitic Plants p19
- Bolin, J.F., K.U. Tennakoon & **E. Maass** (2006a). Germination and seedling development of the highly modified root holoparasite *Hydnora triceps*. Botany 2006 Conference, Annual meeting of the Botanical Society of America, Chico, USA
- Bolin, J.F., L.J. Musselman & **E. Maass** (2006b). The generalist pollination syndrome of the root holoparasite *Hydnora Africana* and a test of a selective insect trapping mechanism. Botany 2006 Conference, Annual meeting of the Botanical Society of America, Chico, USA
- Bolin, J.F., **E. Maass**, L.J. Musselman & K.U. Tennakoon (2005). Floral biology of three Namibian *Hydnora* (Hydnoraceae). Botany 2005 Conference, Annual meeting of the Botanical Society of America, Texas, USA
- Maass, E.**, L.J. Musselman & S. Boles (2004). *Hydnora* – The ingenious genus. Botany 2004 Conference, Annual meeting of the Botanical Society of America, Snowbird, Utah, USA
- Maass E.** (2000). Spontaneous germination in *Striga*. In: Fer, A., P. Thalouarn, D.M. Joel, L.J. Musselman, C. Parker & J.A.C. Verkleij (eds) Proc. 7th. Int. Sym. Parasitic Plants, Nantes, France p.102
- Nel Erika** (1984). A re-evaluation of the germination requirements of *Alectra vogelii* Benth. SAAB (South African Association of Botanists) Annual Conference, Potchefstroom, South Africa
- Maass, Erika** (1999). A comparative study of the germination requirements of some economically important *Striga* species. PhD Thesis; University of Stellenbosch
- Nel, Erika** (1984). A re-evaluation of the germination requirements of *Alectra vogelii* Benth. MSc. Thesis (in Afrikaans); University of Stellenbosch

CURRICULUM VITAE

Gary J. Wingenbach

Professor

Agricultural Education and Communications

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Education

- Ph.D. Iowa State University, Agricultural Education, 1995
M.A.T. Oregon State University, Agricultural Education, 1993
M.Ag. Oregon State University, Agricultural and Resource Economics, 1992
B.S. Oregon State University, Agricultural and Resource Economics, 1991

Experience

- 2009-Present: Professor, International Agriculture, Texas A&M University
2004-2009: Associate Professor, Agricultural Communications, Texas A&M University
2001-2004: Assistant Professor, Agricultural Communications, Texas A&M University
1999-2001: Assistant Professor, Agricultural Information Science, Mississippi State University
1995-1999: Assistant Professor, Agricultural & Environmental Education, West Virginia University

Grants

- Clement, C. A., & Wingenbach, G. J. (2009-2010). Young agricultural scientists study abroad program. U.S. Department of State, Bureau of Educational and Cultural Affairs, \$99,982.
Lombardini, L. & Wingenbach, G. J. (2009-2011). Cultivating global leaders in agriculture: Enhancing participation in undergraduate experiential learning opportunities for minorities. USDA Challenge Grants Program, \$147,718.
Wingenbach, G. J., Begashaw, B. E. (2008-2010). Breaking the barrier: Communicating biotechnologies to policymakers in Africa. USDA/FAS/OCBD, \$20,000.
Wingenbach, G. J., Akers, C., & Berry, C. (2006-2009). Big city, big country road show: Recruiting non-traditional and underrepresented students into the food and agricultural sciences workforce. USDA Challenge Grants Program, \$489,549.
Wingenbach, G. J., Piña, Jr., M., & Hamilton, W. (2004-2005). The ISE curricula: Enhancing international research and teaching. USDA-NRI: International Science and Education Competitive Grants Program, \$100,000.
Piña, Jr., M., Wingenbach, G. J., Tewolde, A., de Luna, C., Gutiérrez, E., & Ibarra, H. (2003). Research for improved technology transfer: Texas-Mexico student exchange for institutional development and sustainability. U.S. Agency for International Development—Association Liaison Office, \$11,000.

Recent Publications

- Shinn, G. C., Wingenbach, G. J., Lindner, J. R., Briers, G., & Baker, M. (2009). Redefining agricultural and extension education as a field of study: Consensus of engaged international scholars. *Journal of International Agricultural and Extension Education*, 16(1), 73-88.
- Wingenbach, G. J., & Miller, R. (2009). Current and future leaders' perceptions of agricultural biotechnology. *Journal of Natural Resources and Life Sciences Education*, 38, 167-172.
- Kessell, J., Wingenbach, G. J., & Lawver, D. (2009). Relationships between special education confidence, knowledge, and selected demographics for agricultural education student teachers. *Journal of Agricultural Education*, 50(2), 53-62.
- Shinn, G. C., Wingenbach, G. J., Briers, G., Lindner, J. R., & Baker, M. (2009). Forecasting doctoral-level content in international agricultural and extension education-2010: Viewpoint of engaged international scholars. *Journal of International Agricultural and Extension Education*, 16(1), 57-71.
- Wingenbach, G. J. (2008). *Journal of International Agricultural and Extension Education* scholarship: Passport to the world. *Journal of International Agricultural and Extension Education*, 15(3), 7-14.
- Harder, A., Wingenbach, G. J., & Rosser, A. (2007). Developing international research partnerships. *Journal of International Agricultural and Extension Education*, 14(3), 77-84.
- Mowen, D., Wingenbach, G. J., Roberts, T. G., & Harlin, J. F. (2007). Agricultural science teachers' barriers, roles, and information sources for teaching biotechnology topics. *Journal of Agricultural Education*, 48(2), 103-113.
- Wingenbach, G. J., White, J., Degenhart, S., Pannkuk, T., & Smith, J. (2007). Pre-service teachers' knowledge and teaching comfort levels for agricultural science and technology objectives. *Journal of Agricultural Education*, 48(2), 114-126.
- Holubec, B., Schmidt, S., Trevino-Anderson, M., Wingenbach, G. J., & Lindner, J. R. (2007). Scientists' classroom visits and middle school students' interests in science careers. *NACTA Journal*, 51(1), 45-51. Note: Honorable Mention Journal Article Award.
- Mowen, D., Roberts, T. G., Wingenbach, G. J., & Harlin, J. F. (2007). Biotechnology: An assessment of agricultural science teachers' knowledge and attitudes. *Journal of Agricultural Education*, 48(1), 42-51.
- Thompson, B. M., Ribera, K. P., Wingenbach, G. J., & Vestal, T. A. (2007). The relationship between attitudes, knowledge, and demographic variables of high school teachers regarding food irradiation. *Journal of Food Science Education*, 35(6), 24-29.
- Wingenbach, G. J., Chmielewski, N., Smith, J., Piña, M., Jr., & Hamilton, W. (2006). Barriers to international experiential participation. *Journal of International Agricultural and Extension Education*, 13(3), 79-89. Note: Outstanding Journal Article of the Year.

Honors and Awards

- 2007 Alumni Fellow, Department of Agriculture, Dickinson State University, North Dakota
- 2007 Outstanding International Agricultural Education Award, American Association for Agricultural Education Western Region
- 2006 Outstanding Journal Article, *Journal of International Agricultural and Extension Education*
- 2005 Outstanding Service, Association for International Agricultural and Extension Education
- 2003 Outstanding Journal Article, *Journal of International Agricultural and Extension Education*