

Appendices

Work Plan

Higher Education for Development

Knowledge, Partnership, Results

Namibian Agricultural Education: Increasing Small Businesses and Rural Community Incomes through New Approaches to Agricultural Value Chain Education
Work Plan

2008-2009 Request for Applications

Africa-U.S. Higher Education Initiative Planning Grants

Time Frame (month/year)	Planned Activity*	Anticipated Development Outcomes/Results**
March 2009	Activate the Team	<ul style="list-style-type: none"> • PIs assemble resources (e.g., MOA, focus group results, Namibian National Development Plan, fall 2008 conference call notes, and other background materials). • Glenn initiates this work plan including establishing a conference call schedule with partners. • Lindley develops and shares strategic planning itinerary for May Strategic Planning Event. • Schneider contacts Namibian partners (i.e., Gobabeb Training and Research Centre, and the CRIAA SA-DC) and potential partners (e.g., FAO, UNESCO, Namibian ministries) to arrange for July face-to-face meetings. • Elliot informs AIAEE and AGRISSEON so conference scheduling and programming of HED partners can be verified. • Glenn initiates travel plans for May strategic planning event, AGRISSEON Conference, and August partners meeting.
April 2009	Strategic plan work begins	<ul style="list-style-type: none"> • Lindley leads strategic plan development via conference calls and email and submits preliminary draft ready for the May meeting. • Schneider reviews prioritized focus group list with his faculty and stakeholders to ensure it is still current. • Glenn finalizes travel plans for May strategic planning event, AGRISSEON Conference, and August partners meeting.
May 24-29, 2009	Strategic planning event	<ul style="list-style-type: none"> • This HED Team meets during the 25th AIAEE conference to create a second iteration of the strategic plan. • Mwandemele and Schneider conduct an AIAEE workshop on “Value Chain Education Linkages in Africa.” <ul style="list-style-type: none"> ○ They present an AIAEE poster on past and potential collaborative efforts focusing on research and scholarly opportunities in Namibia. ○ They encourage collaboration among the AIAEE members to consider participating in the HED initiatives. ○ They personally invite the group to Windhoek for the co-hosted AIAEE/AGRISSEON 2011 Conference.

Time Frame (month/year)	Planned Activity*	Anticipated Development Outcomes/Results**
May 30 - June 7, 2009	Strategic plan development	<ul style="list-style-type: none"> • Mwandemele, Schneider, and the US partners work on the strategic plan during post AIAEE conference time. • Mwandemele and Schneider conclude their US trip at Texas A&M where edits are made and preliminary plans to unveil the strategic plan and solicit input at the AGRISSEON and August meetings occur. • The Borlaug Institute hosts a strategic planning work session. • A conference call with all partners occurs to solicit input.
July 1 - 2, 2009	Agricultural Scientific Society of Namibia Conference (AGRISSEON)	<ul style="list-style-type: none"> • Schneider, Glenn and Elliot participate in AGRISSEON Conference with Chair Kanyomeka unveiling the strategic plan and encouraging input and participation among the participants. <ul style="list-style-type: none"> ○ They conduct a workshop on scholarship and publishing. Specifically, the training focuses on conducting research related to this HED grant, writing the results, and submitting the paper to the joint 2011 AIAEE/AGRISSEON conference. ○ They finalize the unveiling plan and create initial draft of the detailed executive summary document. • Namibian institutional, private sector, and government partners and potential partners are visited and their input is solicited for the strategic plan.
August 24- 25, 2009	Partners Meeting in Accra Ghana	<ul style="list-style-type: none"> • PIs Elliot and Schneider represent the team and unveil the Namibian/UNAM strategic plan • Glenn continues editing the executive summary through conference calls and email with all partners.
September 2009	Submission	<ul style="list-style-type: none"> • Elliot submits detailed executive summary document. • Glenn coordinates conference calls as the team continues to edit final strategic plan.
October 2009	Final Strategic Plan Preparation	<ul style="list-style-type: none"> • The team, utilizing email, conference calls, and personal visits, completes strategic plan.
November 2009	Submission	<ul style="list-style-type: none"> • Elliot submits final strategic plan.

Budget

Resumes of Key Personnel

Jack Elliot, Principal Investigator

Martin B. Schneider, Principal Investigator

Michelle Owens-Glenn, Project Coordinator

Linda Diane Cleboski

Jonathan Manning Hubchen

Barbara S. Hutchinson

Theopoline Omagano Itenge

Luke Kanyomeka, AGRISSON Conference Chair

James Arthur Knight, Jr.

William Irvin Lindley, Strategic Plan Facilitator

Gary J. Wingenbach, AIAEE President

CURRICULUM VITAE

Jack Elliot

Professor and Head
Agricultural Education and Communications
College of Agriculture and Life Sciences
Texas A&M University
College Station, TX 7784302116
JElliot@aged.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

2000/04 100% PI: Rural Rehabilitation, "Agricultural Education Enhancement for 2001/02," \$25,000.00 funded; (01-02).
2001 100% PI: SMARTer Kids Foundation, "Smart Board Grant," \$5,000 funded; (01).

- 2000/01 40% PI: Arizona Department of Education, "Professional Development for Vocational Technological Education," 01FVE-SL18-PT4.2: \$100,000 funded; (00-01).
- 2000/01 100% PI: Arizona Department of Education, "Research in Career and Technological Education," 01FVE-SL18-PT4.2: \$48,000 funded; (00-01).
- 2000/03 100% PI: United States Department of Agriculture, "MOA Universities of Namibia and Arizona," \$73,000 funded; (00-01).
- 2000/04 100% PI: Rural Rehabilitation, "Agricultural Education Enhancement for 2000/01," \$20,000.00 funded; (00-01).
- 1999/00 50% PI: Arizona Department of Education, "Professional Development for Vocational Technological Education," 00FVE-SL18-PT4.2: \$125,000 funded; (99-00).
- 1999/00 10% PI: National Science Foundation, "Globe Soil Moisture Investigation," \$164,956 funded; (99-00).
- 1999/00 100% PI: Distributed Learning Team for the College of Agriculture, "Connecting with our Audience," \$2,568 funded; (99/00).
- 1998/99 50% PI: Arizona Department of Education, "Professional Development for Vocational Technological Education," 99FVE-SL18-PT4.2: \$57,500; funded; (98-99).
- 1998/99 10% PI: National Science Foundation, "GLOBE Soil Moisture Investigation," \$158,001 funded; (98).

Selected Refereed Articles

- 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? Accepted for 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.
- Elliot, J., Williams, K. & Johnson, K. (2001). Companion animal care and management curriculum. Proceedings of the 20th Annual Western Region Agricultural Education Research Conference, 20, 256-257. Carmel, CA.
- Elliot, J., & Zimmerman, A. (2001). Using the teaching model to communicate. Proceedings of the 20th Annual Western Region Agricultural Education Research Conference, 20, 252-253. Carmel, CA.

CURRICULUM VITAE**Martin B. Schneider**

Deputy Dean: Faculty of Agriculture and Natural Resources
University of Namibia

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 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 of the 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

CURRICULUM VITAE

Michelle Owens-Glenn, PhD

Associate Director, Institute of International Agriculture, MSU
Director, International Extension Programs, MSU

Education

PhD International Agriculture 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

2006- Present 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.

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
Baton Rouge, LA 70806
225 578-7067

jhubchen@cox.net; jhubchen@agcenter.lsu.edu

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**

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 Programs 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; 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 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. 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. Rangelands West: A Model of Internal and External Campus Collaboration. In: Convergence and Collaboration of Campus Information Services. Libraries Unlimited. (in press)

Refereed Journal Articles

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

CURRICULUM VITAE

Theopoline Omagano Itenge
P. O. Box 26676
Windhoek, Namibia
264-61-307391
titenge@yahoo.com

Education

PhD Lincoln University, New Zealand, Molecular Biology, 2007
 Certificate Lincoln University, New Zealand, Applied Sciences, 2002
 BS Murdoch University, Western Australia, 1998

Experience

2008-present (University of Namibia) Head of the Department & Lecturer; *Genetics, Biochemistry*

2007 (Lincoln University) Lecturer, Fixed-term Contract; *Biochemistry*

2005 (University of Namibia) Lecturer, Full-time; *Biochemistry and Genetics*

2004 (Lincoln University) Assistant Lecturer, Part-time; *Animal Breeding and Genetics*

1999- 2000 (University of Namibia) Junior Lecturer, Full-time; *Plant Biology & General Biology*

Publications

Improving the quality of wool through the use of genetic markers.(2008). 9th World Congress on Animal Production, Cape Town. (Accepted)

Polymorphism of the KAP1.1, KAP1.3 and K33 genes in Merino sheep (2007). *Molecular and Cellular Probes*. **21**:338-342.

Plasmodium: assessment of the antimalarial potential of trifluralin and related compounds using a rat model of malaria, *Rattus norvegicus* (2002). *Experimental Parasitology*. **100**(3):155-60.

The search for genetic markers affecting wool characteristics (2002). *Science in Africa*. <http://www.scienceinAfrica.co.za/2002/october/wool.htm8>.

Polymorphism at the ovine β 3-adrenergic receptor locus (ADRB3) and its association with wool mean staple strength and yield (AnGen-08-08-0276) Submitted to Animal Genetics.

Specific Skills and Attributes**Laboratory:**

Competent with the use of standard biochemical and molecular biology laboratory techniques such as centrifugation, spectrophotometry, DNA extraction, PCR techniques and primer design, gel electrophoresis, gene cloning, plasmid DNA isolation, DNA sequencing and editing, DNA quantitation, restriction digests for fingerprinting.

Computing:

Competent with the use of Microsoft Word, PowerPoint and Publisher; data handling softwares such as Statistical Programme for Social Sciences (SPSS) and Excel, as well as the image editing software Corel Photo Paint.

Languages:

English (fluent)

Oshiwambo (fluent)

French (basic)

CURRICULUM VITAE

Luke Kanyomeka

Associate Professor and Deputy Dean
 Agriculture and Natural Resources
 University of Namibia
 Private Bag 5520, Oshakati, Namibia
 264-65-2235204 (voice) 264-65-2235233 (fax)
lkanyomeka@unam.na

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 (*Vina 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)
 (ww.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 VITA

James Arthur Knight, Jr.
 University of Arizona
 Department of Agricultural Education
 Forbes 234
 P. O. Box 210036
 Tucson, Arizona 85721-0036
 (520) 621-9144
 E-mail 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

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 Vocational Agriculture Program	Golden Sr. High School 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

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.

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

A+ Advisor Award (Outstanding Student Advisor), University of Arizona College of Agriculture, 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

A+ Advisor Award (Outstanding Student Advisor), University of Arizona College of Agriculture, November 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

William Irvin Lindley
546 Lone Pine Road
Washington, PA 15301
w_jlindley@fairpoint.net

Education

- Ph.D. Cornell University, Ag and Extension Education, International Development, 1974
M.S. The Pennsylvania State University, Ag Education, Ag Extension, 1966
B.S. The Pennsylvania State University, General Ag, Ag Education, 1960

Experience

- 1991-1999 Senior Officer, Ag Education, FAO, Rome, Italy
As Senior Officer, the work consisted of providing overall leadership for the FAO programme in Agricultural Education. The agricultural education work included advice to member nations, the development, funding and implementation of project and field programmes. Among the items of major importance were: 1) educational Policy and planning; 2) curriculum review and revision; 3) teacher training; 4) institution building to strengthen management and programme development; and 5) the development of distance learning programmes for pre-service and in-service education.
- 1983-1991 Extension and Rural Youth Officer, FAO, Rome, Italy
In this position I was responsible for all phases of the FAO programme for rural youth. The position also included the responsibilities of an extension officer working in support of agricultural extension programmes member nations. Responsibilities in the rural youth programme included: 1) policy and planning; 2) Interagency and bilateral collaboration; 3) Programme development and evaluation.
- 1977-1983 Associate Professor, Ag Education and Extension, The Penn State University
Faculty responsibilities included agricultural teacher education, extension education and responsibilities with the state 4-H Program. Specific responsibilities included supervision of graduate students and the development of the extension education masters degree program.
- 1974-1976 Project Coordinator, Ag Education Project, UNESCO, Paris, France
Responsibilities included the revision of the agricultural education curriculum (Form I to Form V)
Development of the agricultural teacher education program at Johore Bahru

CURRICULUM VITAE**Gary J. Wingenbach**

Associate Professor

Agricultural Education and Communications

College of Agriculture and Life Sciences

Texas A&M University

College Station, TX 7784302116

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

- 2004-Present: Associate Professor, Agricultural Education, Texas A&M University.
2001-2004: Assistant Professor, Agricultural Education, Texas A&M University.
1999-2001: Assistant Professor, Agricultural Education, Mississippi State University.
1995-1999: Assistant Professor, Agricultural & Environmental Education, West Virginia University.

Grants

- 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, (\$978,096; total award).
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.
Wingenbach, G. J. (2004-2005). Enhancing international agricultural research and diversity among TAMU undergraduates. Texas A&M University Office of Diversity, \$7,500.
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

- Kessell, J., Wingenbach, G. J., & Lawver, D. (accepted). Student teachers' knowledge of the Individuals with Disabilities Education Act. *Journal of Academic and Business Ethics*.
Shinn, G. C., Wingenbach, G. J., Lindner, J. R., Briers, G., & Baker, M. (accepted). Defining agricultural and extension education-2010 as a field of study: Consensus of engaged international scholars. *Journal of International Agricultural and Extension Education*.
Kessell, J., Wingenbach, G. J., & Lawver, D. (accepted). Relationships between special education confidence, knowledge, and selected demographics for agricultural education student teachers. *Journal of Agricultural Education*.
Shinn, G. C., Wingenbach, G. J., Briers, G., Lindner, J. R., & Baker, M. (accepted). Forecasting doctoral-level content in international agricultural and extension education-2010: Viewpoint

- of engaged international scholars. *Journal of International Agricultural and Extension Education*.
- Kessell, J., Wingenbach, G. J., & Lawver, D. (2009). Student teachers' confidence in teaching special needs students in agricultural education. *Research in Higher Education Journal*, 2, 1-9.
- 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.
- Laminack, J., Dainello, F., Degenhart, S. H., Vestal, T. A., & Wingenbach, G. J. (2008). Increasing positive perceptions of food irradiation: Appealing to one's affective domain. *Journal of Extension*, 46(4), Article 4RIB3. Retrieved August 25, 2008, from <http://www.joe.org/joe/2008august/rb3.shtml>
- Harder, A., Wingenbach, G. J., & Rosser, A. (2007). Developing international research partnerships. *Journal of International Agricultural and Extension Education*, 14(3), 77-84.
- Wingenbach, G. J., & Rutherford, T. A. (2007). State FFA officers' confidence and trustworthiness of biotechnology information sources. *Journal of Agricultural Education*, 48(4), 43-54.
- 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.
- Thompson, B., Phelan, K. C., Wingenbach, G. J., & Vestal, T. A. (2006). Family and consumer science teachers' changes in attitudes and knowledge about food irradiation. *Journal of Family and Consumer Sciences Education*, 24(2), 1-12.
- Wingenbach, G. J., & Rutherford, T. A. (2006). National agricultural and Texas journalists' attitudes toward and information sources for biotechnology issues [Electronic version]. *AgBioForum Journal*, 9(1), 42-50.

Honors and Awards

2007 Alumni Fellow. Department of Agriculture, Dickinson State University, North Dakota.
Journal Article of the Year for 2006. *Journal of International Agricultural and Extension Education*, Association for International Agricultural and Extension Education, 2007.

Signed letter from appropriate official at Texas A&M University

ADMINISTRATIVE SERVICES
CONTRACTS AND GRANTS



A Member of The Texas A&M University System

28 January 2009

Dr. Teshome Alemneh
Program Officer
Africa-U.S. Higher Education Initiative Planning Grants
Higher Education for Development (HED)
One Dupont Circle NW, Room 420
Washington, DC 20036-1193

Dear Dr. Teshome:

Texas AgriLife Research is pleased to submit the attached proposal for consideration of an Africa-U.S. Higher Education Initiative Planning Grant. This letter is being provided to confirm that all costs cited in the attached proposal conform to established institutional policies and practices. Should you have any questions or concerns, please contact me at 979-845-4761. Thank you for consideration of this proposal.

Sincerely,

Diane M. Gilliland
Assistant Director for Research Administration
Texas AgriLife Research

Contracts and Grants • 2147 TAMU • College Station, TX 77843-2147
Tel. 979.845.4781 • Fax. 979.862.7775 • <http://AgriLifeServices.tamu.edu>

Texas A&M University
College of Agriculture and Life Sciences

Texas AgriLife Research
Texas Forest Service

Texas AgriLife Extension Service
Texas Veterinary Medical Diagnostic Laboratory

Acronyms Used In Report

Acronyms

AAU	Association of African Universities
AGRISSON	Agricultural Scientific Society of Namibia
AIAEE	Association of International Agricultural and Extension Education
ALEC	Agricultural Leadership, Education, and Communications
CGIAR	Consultative Group on International Agricultural Research
CRIAA SA-DC	Centre for Research Information Action in Africa – Southern Africa Development and Consulting
FANR	Faculty of Agriculture and Natural Resources
FAO	Food and Agricultural Organization
HACCP	Hazard Analysis and Critical Control Points
HED	Higher Education for Development
LSU	Louisiana State University
MAW+F	Ministry of Agriculture, Water, and Forestry
MET	Ministry of Environment and Tourism
MFMR	Ministry of Fisheries and Marine Resources
MOA	Memorandum of Agreement
MoE	Ministry of Education
MSU	Michigan State University
NGO	Non-governmental Organization
NNDP	Namibia National Development Plan
TAMU	Texas A&M University
TLIU	Teaching and Learning Improvement Unit
UNAM	University of Namibia
UN-FAO	United Nations – Food and Agricultural Organization
UofA	University of Arizona
USAID	United States Agency for International Development

Letter of Support from AIAEE



Association for International Agricultural and Extension Education

January 22, 2009

Jack Elliot, Professor and Head
107B Scoates Hall, 2116 TAMU
Texas A&M University
College Station, TX 77843-2116

Dear Dr. Elliot:

On behalf of the Association for International Agricultural and Extension Education (AIAEE), I personally endorse and enthusiastically support the application, **Namibian Agricultural Education: Increasing Small Businesses and Rural Community Incomes through New Approaches to Agricultural Value Chain Education**, from the Department of Agricultural Leadership, Education and Communications for the USAID's Africa-U.S. Higher Education Initiative planning grant program. The proposed project will strengthen existing partnerships and initiate new collaboration between Namibian and U.S. higher education institutions. Specifically, your proposed project has the potential to significantly improve Namibia's capacity for education and teacher training/preparation programs, ultimately leading to societal changes through increased use of science, technology, and business practices to alleviate food security issues.

Building human capacity is paramount to improving the livelihoods of all, especially as it relates to humans' daily needs of potable water, nutritious food, and ample shelter. The AIAEE has long recognized that building human capacity through education and training leads to improved food and fiber production practices. Those improved practices often times result in alleviating food security issues first, and then transform localized agricultural production into micro-businesses, farmer cooperatives, and finally, to organized business ventures in food and fiber exports worldwide. However, Dr. Elliot, you and your team are to be commended for recognizing that your proposed capacity-building project will not easily or quickly remedy Namibia's agricultural, science and technology, business, or educational issues, but have planned for long-term engagement with Namibia's leaders to resolve these issues.

The AIAEE has more than 260 members from 23 countries with well in excess of 1000 years of experience in agricultural and extension education programmatic development. Our membership is excited that our 2011 annual conference will be held in Windhoek, Namibia; an event certain to foster new, long-term relationships between Namibia's scientists/educators and the AIAEE. The AIAEE membership stands ready to support your project in whatever capacity is needed to see its successful outcome. The synergy of partnerships will undoubtedly foster innovative, sustainable change for the betterment of Namibia and Africa.

Sincerely,

A handwritten signature in blue ink that reads 'Gary J. Wingenbach'.

Gary J. Wingenbach, President-elect
AIAEE