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

Higher Education for Development

Knowledge, Partnership, Results

Work Plan

2008-2009 Request for Applications

Africa-U.S. Higher Education Initiative Planning Grants

<table>
<thead>
<tr>
<th>Time Frame (month/year)</th>
<th>Planned Activity*</th>
<th>Anticipated Development Outcomes/Results**</th>
</tr>
</thead>
</table>
| March 2009             | Activate the Team| • 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 AGRISSON so conference scheduling and programming of HED partners can be verified.  
                             • Glenn initiates travel plans for May strategic planning event, AGRISSON Conference, and August partners meeting. |
| April 2009             | Strategic plan work begins | • 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, AGRISSON Conference, and August partners meeting. |
| May 24–29, 2009        | Strategic planning event | • 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.”  
                               o They present an AIAEE poster on past and potential collaborative efforts focusing on research and scholarly opportunities in Namibia.  
                               o They encourage collaboration among the AIAEE members to consider participating in the HED initiatives.  
                               o They personally invite the group to Windhoek for the co-hosted AIAEE/AGRISSON 2011 Conference. |
<table>
<thead>
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</table>
| May 30 - June 7, 2009 | Strategic plan development | • 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 AGRisson 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 (AGRisson) | • Schneider, Glenn and Elliot participate in AGRisson Conference with Chair Kanyomeka unveiling the strategic plan and encouraging input and participation among the participants.  
  o 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/AGRisson conference.  
  o 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 | • 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 | • 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 | • The team, utilizing email, conference calls, and personal visits, completes strategic plan. |
| November 2009 | Submission | • 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
J Elliot@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).
1999/01  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).

Selected Refereed Articles
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
1st 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

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


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, 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.


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:


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

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)
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
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

Refereed Journal Articles
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 at the ovine β3-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


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 Orangemund Town Management Company. Orangemund,

**MEMBERSHIP**

<table>
<thead>
<tr>
<th>Year</th>
<th>Membership</th>
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</thead>
<tbody>
<tr>
<td>1995-1996</td>
<td>Member of Zambia Agrochemicals Association</td>
</tr>
<tr>
<td>1996 to date</td>
<td>Member of Southern Africa Weed Science Society</td>
</tr>
<tr>
<td>1995 to date</td>
<td>Member of East and Central Africa Weed Science Society</td>
</tr>
<tr>
<td>2002 to date</td>
<td>Member of the Agricultural Science Society of Namibia</td>
</tr>
<tr>
<td>2002 to date</td>
<td>Member of Namibia Biosafety Association</td>
</tr>
</tbody>
</table>
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 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**
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
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
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 & Environmental Education, West Virginia University.
1995-1999: Assistant Professor, Agricultural & Environmental Education, West Virginia University.

Grants

Recent Publications
of engaged international scholars. *Journal of International Agricultural and Extension Education.*


**Honors and Awards**

2007 Alumni Fellow. Department of Agriculture, Dickinson State University, North Dakota.

Signed letter from appropriate official at Texas A&M University
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,

[Signature]

Diane M. Gilliland
Assistant Director for Research Administration
Texas AgriLife Research
Acronyms Used In Report
### Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Form</th>
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<tbody>
<tr>
<td>AAU</td>
<td>Association of African Universities</td>
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<td>AGRISSON</td>
<td>Agricultural Scientific Society of Namibia</td>
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<td>AIAEE</td>
<td>Association of International Agricultural and Extension Education</td>
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<td>ALEC</td>
<td>Agricultural Leadership, Education, and Communications</td>
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<td>CGIAR</td>
<td>Consultative Group on International Agricultural Research</td>
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<td>CRIAA SA-DC</td>
<td>Centre for Research Information Action in Africa – Southern Africa</td>
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<td>FANR</td>
<td>Faculty of Agriculture and Natural Resources</td>
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<td>FAO</td>
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<td>HACCP</td>
<td>Hazard Analysis and Critical Control Points</td>
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<td>Namibia National Development Plan</td>
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<td>Texas A&amp;M University</td>
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<td>TLIU</td>
<td>Teaching and Learning Improvement Unit</td>
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<td>United Nations – Food and Agricultural Organization</td>
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<td>University of Arizona</td>
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<td>USAID</td>
<td>United States Agency for International Development</td>
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</table>
Letter of Support from AIAEE
January 22, 2009

Jack Elliot, Professor and Head
107B Scaife 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,

Gary J. Wingenbach, President-elect
AIAEE