

INYA NLENANYA ONWU

PERSONAL INFORMATION	
	<ul style="list-style-type: none"> ▪ Mailing Address: 4815 Todd Drive #52, Ames, IA 50014 ▪ Phone: 515-708-2233 ▪ E-mail: inya@iastate.edu
INTERESTS	
	<ul style="list-style-type: none"> ▪ Knowledge Discovery Systems for Sustainable Development ▪ Remote Sensing Applications ▪ Geographical Information Systems (GIS) ▪ Sustainable Development in Developing Countries ▪ Engineering Curriculum Development For Developing Countries
EDUCATION	
	<p>*Fall 2005 Iowa State University Ames, IA</p> <ul style="list-style-type: none"> ▪ <i>M.Sc., Agricultural Engineering</i> <p>2002 University of Nigeria Nsukka, Nigeria</p> <ul style="list-style-type: none"> ▪ <i>B.Eng (Hons), Electronic Engineering</i> <p>*Finished all course work for the MS degree and passed the final exam</p>
EXPERIENCE	
	<p>Fall 2005 Iowa State University Ames, IA</p> <p>Graduate Teaching Assistant, GIS and Natural Resources Management (AE 408/508)</p> <ul style="list-style-type: none"> ▪ <i>Laboratory Instructor for the course</i>
	<p>2004-Date Iowa Resource for International Service Ames, IA</p> <p>Program Assistant</p> <ul style="list-style-type: none"> ▪ <i>Assists with the Partnership 4 Learning-Youth Exchange Study Program funded by the U.S. Dept. of State</i> ▪ <i>Mentor to the Exchange students</i> ▪ <i>Creating ideas for new programs and writing proposals for funding</i> ▪ <i>Technical support- webmaster, computer maintenance, etc.</i> ▪ <i>Program Coordinator for the Nigerian Civil Society Project trip to Chicago funded by the U.S. State Department Summer 2004</i>
	<p>2003-Date Iowa State University Ames, IA</p> <p>Graduate Research Assistant</p> <ul style="list-style-type: none"> ▪ <i>Research and development in the areas of GIS, Environmental Science and</i>

RECENT CONFERENCES AND PRESENTATIONS	
	<ul style="list-style-type: none"> ▪ <i>Knowledge Discovery Interface for Environmental Application</i>, GIS Day 2005, November 16, 2005, Durham Center, Iowa State University ▪ <i>Knowledge Discovery Interface for Environmental Application (Poster)</i>, 7th Biennial Iowa Geographic Information Council Conference, Ames, IA, August 30- September 1st, 2005
SELECT COURSE WORK AT IOWA STATE UNIVERSITY	
	<ul style="list-style-type: none"> ▪ GIS and Natural Resources Management ▪ Natural Resource Conservation Engineering ▪ Surface Water Hydrology ▪ Programming in C++ ▪ Java and Internet Programming ▪ Knowledge Discovery and Data Mining
TECHNICAL SKILLS	
	<ul style="list-style-type: none"> ▪ Software: ArcGIS 9.X, ArcView 3.X, MapObjects, ArcGIS Engine, SpatialAnalyst, SPSS, WEKA (data mining software), MSAccess, Frontpage, CorelDraw, MatLab, Oracle, etc. ▪ Programming Languages: C++, JAVA, Visual Basic Application, HTML ▪ Operating System: Windows, UNIX
PROFESSIONAL MEMBERSHIPS	
	<ul style="list-style-type: none"> ▪ Alpha Epsilon, The Honor Society of Agricultural, Food, and Biological Engineering ▪ Institute of Electrical and Electronics Engineers (IEEE), USA ▪ National Society for Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS), Iowa State University Chapter ▪ National Society of Black Engineers
ACHIEVEMENTS	
	<ul style="list-style-type: none"> ▪ Best Student Poster Award, 7th Biennial Iowa Geographic Information Council Conference, Ames, IA, August 30- September 1st, 2005 ▪ Graduate Scholarship Holder at Iowa State University ▪ Certificate of Honor (2001) Pioneer Member, IEEE-University of Nigeria, Nsukka Student Branch

VOLUNTEER WORK/COMMUNITY ACTIVITY	
	<ul style="list-style-type: none"> ▪ Mentor/Escort for the Nigerian High School Exchange Students to the World Food Prize Conference and Youth Institute, Des Moines, October 13-15, 2005 ▪ Spring 2005 Member, Graduate Student Panel for the McNair Scholars Program, Iowa State University, Ames, IA ▪ Fall 2004 Student Ambassador ISU Graduate and Professional School Day ▪ Fall 2003 Member, Constitution Review Committee, MANRRS-ISU Chapter ▪ 2003-Date Youth Sponsor First Assembly of God Church, Ames, IA ▪ 2002-Date Volunteer, Iowa Resource for International Service, Ames, IA
REFERENCE	
	<p>Dr. U. Sunday Tim Associate Professor and Major Professor 215 Davidson Hall Ames, IA 50011 515-294-4246 tim@iastate.edu</p> <p>Robert Anderson Former Lieutenant Governor of Iowa and President, Iowa Resource for International Service 600 Fifth Street Ste. 30 Ames, IA 50010 515-292-7103 bob@iris-center.org</p> <p>Dr. Ramesh Kanwar Professor and Department Chair 104 Davidson Hall Ames, IA 50011 515-294-1434 rskanwar@iastate.edu</p>