

Fantu Nisrane Bachewe

Department of Applied Economics
University of Minnesota
1994 Buford Avenue, 337G COB
St, Paul MN 55108
Tel: 612 -625-9715 off. 612-619-0605 cell.
email: bach0140@umn.edu

Education:

Ph.D. Candidate, University of Minnesota, Department of Applied Economics. Expected month of graduation: May 2008. Specialization: Growth & Development Economics, Production, Finance & Managerial Economics and Econometrics. Dissertation title: Designing Pro-Poor Growth Policies in Ethiopia: A Neo-Classical growth Framework.

M.Sc. University of Oslo, Institute of Economics, June 2000.
Specialization: Environmental & Development Economics.

B. A. in Economics, Department of Economics, Addis Ababa University, July 1994.

Teaching Experience:

Adjunct Assistant professor, Economics Department, Augsburg College, August 2007 to date.

Duties: Fully responsible for teaching intermediate macroeconomics class, including holding lecture sessions, preparing lecture notes, preparing exercises, mid and final exams, and assisting students with their research papers.

Teaching Assistant, Department of Economics, State university of New York at Stony Brook, September 2000 to June 2001.

Duties: holding recitation sessions, grading exercises and exams for the course: Financial Economics.

Teaching Assistant, Department of Economics, Addis Ababa University, November 1997 to February 1998.

Duties: holding recitation sessions on the course: Statistics for Social Scientists.

Assistant Lecturer, Language and Social Sciences Department, Nazareth Technical College, March 1996 to October 1997.

Graduate Assistant II, Language and Social Sciences Department, Nazareth Technical College, October 1994 to March 1996.

Duties: Holding lecture sessions, preparing lecture notes, preparing exercises, mid and final exams and grade them.

Research Experience:

Research Assistant, Biosystems and Agricultural Engineering Department, University of Minnesota, January 2006 to January 30.

Duties: Collect, enter, and analyze financial data to study the economics and feasibility of different anaerobic digestion systems for different farm sizes and under different financial scenarios, and study the financial feasibility of centralized digestion systems that could serve small sized multiple farms. The project's objectives are to help farmers reduce costs they incur in controlling pollution and most importantly to broaden alternative energy sources.

Research Assistant, Center for Urban and Regional Affairs, University of Minnesota, September 2005 to January 2006.

Duties: study the demand for the training services provided by Goodwill/Easter Seals, so that the outcome can be used to estimate the extent of and give direction for the intended expansion of this non-profit organization. I was responsible for collecting county level data, preparing it in a usable manner and analyzing the data to estimate how much of such training demand is being satisfied by the organization.

Research Assistant, Department of Applied Economics, University of Minnesota, September 2001 to September 2005.

Duties: Data entry and analysis on four projects; data collection on two of the projects which included preparing and administering the questionnaire on one of them; writing reports on project results; making policy recommendations; co-authored a journal article.

Current Research Projects:

- A dissertation entitled “Designing pro-poor Growth Policies in Ethiopia—A Neoclassical Growth Framework”. This research is endeavoring to incorporate a range of development, especially pro-poor, policies in to the standard neoclassical growth framework, which typically omit many such policies thus making these models much less applicable to many poor countries.
- Research assistant to Professor Liz Davis. Worked on two separate studies which were under the general project named “Minnesota Child Care Research Partnership: Labor Markets, Child Care and Public Policy”. Analyzed a large data set, created new variables, produced tables and reports that were used to write a paper. For the second study, I was responsible for collecting the data, doing the econometric analysis, interpreting the results and reporting them. Presented this study, which I co-authored, at the AAEA meeting in August 2004. It is entitled “Employment Growth and Commuting Patterns in Rural Labor Markets”.
- An on going research entitled “Estimating the Shadow Price of Inputs in Subsistence Agriculture”. This study deals with calculating the competitive prices of inputs that either have imperfect or no markets, which characterizes markets of many inputs in many developing country rural areas. This study develops a methodology to estimate the shadow price of water, which can be used to estimate the price of other inputs as well.

Publications/Reports:

- Literature Review on Central Anaerobic Digesters, (main author) with Bill Lazarus, Phil Goodrich, Matt Drewitz, and Becky Balk, January 2007.
- Economic Analysis of a Central Anaerobic Digester Serving Multiple Dairy Farms, (main author) with William F. Lazarus, and Philip R. Goodrich, August 2006.
- Employment growth and commuting patterns in rural labor markets, Coauthored with Liz Davis and Presented at AAEE Annual Meeting, Denver, CO, August 1-4, 2004.
- Analyzed data from rural Mozambique to estimate income proxy variables so as to measure the improvement in income in rural areas where FHI/Mozambique (Food for the Hungry, Mozambique) was operating. Wrote a report that was presented for donors. August to September 2003.
- M. Sc. thesis, University of Oslo. Title: “Factors Affecting Technology Package Adoption among Ethiopian Farmers”. Used data analyze and econometrics to identify the factors that prohibit farmers from adopting a technology package that was introduced by Sasakawa-Global 2000 and expanded by the Ethiopian government.
- Effect and Profitability of Use of Modern Inputs among Wheat and Maize Farmers of Shoa and Arussi Districts, April 1998. Work done as part of requirements of M.Sc. study at Addis Ababa University.
- The significance of Research in the Development of Agriculture: The Case of Some Selected Developing Countries. June 1994 (B. A. thesis). Addis Ababa University.

Grants and honors:

- In June 2006 I was selected as a Fellow for the Leadership Enhancement in Agriculture Program (LEAP) of the Norman E. Borlaug International Agricultural Science and Technology Fellows Program.
- Was awarded a COPE (Council on Public Engagement) seed grant by Office of Public Engagement, University of Minnesota, December 2005. I am the principal investigator of the project I proposed.
- Was awarded a competitive scholarship from National Association of the Colonial Dames, Minnesota Chapter; October 2005.
- Was holder of the prestigious Seihl Graduate Fellowship from September 2003 to December 2004.

- Studied for my M.Sc. in University of Oslo, Norway through a scholarship I was awarded by the Norwegian Ministry of Education and Church.
- Studied for my B.A. in Ethiopia through a government scholarship that is awarded to students that score the highest grade point averages.

Extracurricular Activities:

- Served as referee for International Economic Journal in 2004.
- Cofounder and board member of the Tesfa (Hope) foundation from September 2003 to August 2007. Tesfa foundation is a Minnesota based non-profit organization that undertakes preschool education in Ethiopia. Helped organize fundraising events and instrumental for the opening of our first school.
- Chairman of Association of Ethiopian Students in Oslo from December 1998 to July 2000.
- Conducted a feasibility study for a small coffee-processing factory in Ethiopia between November 97 and March 98.
- Member of the project Committee of Nazareth Technical College from December 96 to October 97. We did feasibility studies for a housing and a road project to the college.

References:

- Professor Elizabeth Davis, Applied Economics Department, University of Minnesota. Tel. 612 625 3772, email: edavis@umn.edu.
- Professor Paul Glewwe, Applied Economics Department, University of Minnesota. Tel. 612 625 0225, email: pglewwe@umn.edu.
- Professor Philip Pardey, Applied Economics Department, University of Minnesota. Tel. 612 625 2766, email: ppardey@umn.edu.
- Professor Terry Roe, Applied Economics Department, University of Minnesota. Tel. 612 625 6706, email: troe@umn.edu.
- Professor William Lazarus, Applied Economics Department, University of Minnesota. Tel. 612 625 8150, email: wlazarus@umn.edu.
- Professor Vernon Ruttan, Applied Economics Department, University of Minnesota. Tel. 612 625 4701, email: vruttan@umn.edu.
- Professor Knut Sydseater, Institute of Economics, University of Oslo, Norway. Tel: +47 22 85 5145, email: knut.sydsater@econ.uio.no.