

GEBREMESKEL H. GEBREMARIAM, Ph.D.

ADDRESS

Department of Economics
Pamplin Hall 3033
Virginia Polytechnic Institute and State University
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EDUCATION

Ph.D. Natural Resource Economics, West Virginia University, August 2006
M.Sc. Industrialization, Trade and Economic Policy, University of Strathclyde, Scotland, U.K., November 1997
B.A. Economics, University of Asmara, Eritrea, July 1995

EXPERIENCE

Jan. 2008-Present	Instructor, Department of Economics, College of Science, Virginia Polytechnic Institute and State University, Virginia
Jan. 2007-Jan. 2008	Post-Doctoral Fellow, Division of Resource Management and Regional research Institute, West Virginia University
Jan. 2004-Aug. 2006	Graduate Research Assistant, Department of Agricultural and Resource Economics, Division of Resource Management, West Virginia University
Jan. 2002-Jan. 2004	Lecturer and Researcher, Department of Economics and Finance, University of Asmara, Eritrea
Aug. 2000-Jan. 2002	Graduate Research Assistant, Department of Agricultural and Resource Economics, Division of Resource Management, West Virginia University
Nov. 1997-Aug. 2000	Lecturer, Department of Economics and Finance, University of Asmara, Eritrea
Sep. 1995-Sep. 1996	Graduate Assistant, Department of Economics and Finance, University of Asmara, Eritrea
Nov. 1993- Sep. 1995	Research Assistant, Asmara Chamber of Commerce, Eritrea

TEACHING

Courses Taught

A. Virginia Polytechnic Institute and State University, Virginia

- Principles of Microeconomics
- Principles of Macroeconomics
- Intermediate Microeconomics (Microeconomic Theory)
- Growth and Development
- International Finance
- Money and Banking

B. University of Asmara, Eritrea

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| • Principles of Microeconomics | • International Economics |
| • Principles of Macroeconomics | • International Political Economy |
| • Calculus for Economists | • Agricultural Economics |

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- Intermediate Microeconomics
- Intermediate Macroeconomics
- Development Economics
- Development Planning & Project Analysis

Thesis Supervision

Supervised more than 30 B.A. theses (senior papers) in the Department of Economics and Finance, University of Asmara, Eritrea

RESEARCH

Research interests fall mainly in the following areas: (1) Development Economics; (2) Spatial Econometric Modeling; (3) Urban and Regional Economic Development; and (4) Social Benefit-Cost Analysis

Dissertation

2006 *Modeling Small Business Growth, Migration Behavior, Local Public Services and Median Household Income in Appalachia: A Spatial Simultaneous Equations Approach*, Ph. D. Dissertation, West Virginia University, Morgantown.

Publications

1. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Tim T. Phipps and Randall Jackson, 2012, "Employment, Income, Migration and Local Public Services: A Simultaneous Spatial Panel Data Model of Regional Growth Variation," *Papers in Regional Science*, 91(2): 275-297.
2. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, 2012, "County-Level Determinants of Local Public Services in Appalachia: A Multivariate Spatial Autoregressive Model Approach," *The Annals of Regional Science*, 49(1): 175-190.
3. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, 2011 "Employment, Income, and Migration in Appalachia: A Spatial Simultaneous Equations Approach," *Journal of Regional Science*, **51**(1): 102-120.
4. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Randall W. Jackson and Tim T. Phipps, 2011, "A Spatial Model of Regional Variation in Employment Growth in Appalachia," *Regions and Development*, No. 33:73-96.
5. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, 2010, "Analysis of County Employment and Income Growth in Appalachia: A Spatial Simultaneous-Equations Approach," *Empirical Economics*, **38**: 23-45
6. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, (under review), "Modeling Regional Growth Spillovers: An Analysis of Employment Growth, Migration Behavior, Local Public Services and Household Income in Appalachia," Submitted to *Regional Science and Urban Economics*.
7. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, Scientific, 2006, Abstract Publication, "Modeling Small Business Growth, Migration Behavior, and Household Income in Appalachia: A Spatial Simultaneous Equations Approach," *Agricultural and Resource Economics Review*, **35**(2): 458.
8. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Randall Jackson, and Tim T. Phipps, 2007, Abstract Publication, "An Empirical Analysis of Employment, Migration, Local Public Services and Regional Income Growth in Appalachia," *Agricultural and Resource Economics Review*, **36**(2): 349.

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9. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Tim T. Phipps and Randall Jackson, 2007, Abstract Publication, "A Spatial Model of Regional Variation in Business Growth in Appalachia," *Agricultural and Resource Economics Review*, **36**(2): 349.

Conference Presentations

1. Gebremariam, Gebremeskel H., Peter V. Schaeffer, Tesfa G. Gebremedhin, "Regional Spillovers and Convergence in Appalachia: A Spatial Econometric Perspectives," 9th Annual Appalachian Spring Conference in World History and Economics, in Boone, North Carolina, April 12th, 2014.
2. Gebremariam, Gebremeskel H., Peter V. Schaeffer, Tesfa G. Gebremedhin, "Regional Spillovers and Convergence in Appalachia: A Spatial Econometric Perspectives," 58th North American Meetings of the Regional Science Association International (RSAI), in Miami, Florida, November 9-12, 2011.
3. Gebremariam, Gebremeskel H., "Modeling and Estimation Issues in Spatial Simultaneous Equations Models: The Case of Small Area Growth Models," 47th Southern Regional Science Association (SRSA) Meeting, March 27-30, 2008, Washington, DC.
4. Gebremariam, Gebremeskel H., "Regional Variation of Employment Growth, Income, Migration and Local Public Services: A Spatial Panel Data Analysis of U.S. Counties," 54th Annual North American Meetings of the Regional Science Association International (RSAI), November 7-10, 2007, Savannah, Georgia.
5. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Tim T. Phipps and Randall Jackson, "A Spatial Panel Simultaneous-Equations Model of Business Growth, Migration Behavior, Local Public Services and Household Income in Appalachia," American Agricultural and Economics Association Annual Meeting, July 29-August 1, 2007, Portland Oregon.
6. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Randall Jackson, and Tim T. Phipps, "An Empirical Analysis of Employment, Migration, Local Public Services and Regional Income Growth in Appalachia," Paper presented at the annual Meeting of Northeastern Agricultural and Resource Economics Association, June 10-13, 2007, Rehoboth Beach, Delaware.
7. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, Peter V. Schaeffer, Tim T. Phipps and Randall Jackson, "A Spatial Model of Regional Variation in Business Growth in Appalachia," Paper presented at the annual Meeting of Northeastern Agricultural and Resource Economics Association, June 10-13, 2007, Rehoboth Beach, Delaware.
8. Gebremariam, Gebremeskel H., "Modeling Small Business Growth, Migration Behavior, Local Public Services and Household Income in Appalachia: A Spatial Simultaneous Equations Approach," Southern Regional Science Association Annual Meetings, Charleston, SC, March 29-31, 2007.
9. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, "Modeling Small Business Growth, Migration Behavior, and Household Income in Appalachia: A Spatial Simultaneous Equations Approach," NAREA Annual Meeting, 11-14 June 2006, Mystic, CT.
10. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, "County-Level Determinants of Local Public Services in Appalachia: A Multivariate Spatial Autoregressive Model Approach," AAEA Annual Meeting, 23-26 July 2006, Long Beach, CA.
11. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Peter V. Schaeffer, "An Empirical Analysis of County-Level Determinants of Small Business Growth and Poverty in Appalachia: A Spatial Simultaneous Equations Approach", SAEA Annual Meeting, 5-8 February 2006, Orlando, FL.

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12. Amarasinghe, Anura, and G.H. Gebremariam, "A Dynamic optimization Approach in Evaluating Investment Benefits for Wetland Restoration," Northeastern Agricultural and Resource Economics Association Annual Meeting, 12-15 June 2005, Annapolis, MD.
13. Gebremariam, Gebremeskel H., Tesfa G. Gebremedhin, and Randall W. Jackson, "The Role of Small Business in Economic Growth and Poverty Alleviation in West Virginia: An Empirical Analysis," AAEA Annual Meeting, 1-4 August 2004, Denver, CO.

Invited Lectures (in Tigrigna, an Eritrean Language)

1. Conducted a Radio Interview on "*From POW ('Alem Bekagn Prison', Ethiopia) to PhD (Virginia Tech): The Success Story of an Eritrean Nationalist and Its Lessons to Young Eritreans and their Parents*" with Voice of Eritrea, Canada, 13 April 2014:
https://www.youtube.com/watch?v=iAK_4iXYtPo
2. Gave a Pal-talk Seminar on "*The Mindset of PFDJ Supporters: The Challenges of Transition from Dictatorship to Democracy in Eritrea*," to the public in Harnnet Paltalk Discussion Room, 05 April 2014:
<https://www.youtube.com/watch?v=AeMatBbGkv8&list=UUFAGlWYufMggQMJGB6Q4qZw>
<https://www.youtube.com/watch?v=zjg95jNtCqg&list=UUFAGlWYufMggQMJGB6Q4qZw>
<https://www.youtube.com/watch?v=SMnI6WUn9KI&list=UUFAGlWYufMggQMJGB6Q4qZw>
3. Participated in a Radio Panel Discussion on "*How Important is National Reconciliation in Eritrea?*," Voice of Eritrea, Canada, 09 March 2014:
<https://www.youtube.com/watch?v=9ao3CRfuNeE>
4. Conducted a Radio Interview on "*How Do We Measure Success and Failure of Eritreans in the Diaspora*," with Voice of Eritrea, Canada, 23 February 2014:
<https://www.youtube.com/watch?v=eBTIk96S5q4>
5. Gave a Pal-talk Seminar on "*Eritrean Identity under the Threat of Extinction: De We Have a Survival Strategy? Part II*" to member of Eritrean People's Democratic Party (EPDP) in Baiytona 2011 Paltak Discussion Room, 24 November 2013.
6. Gave a Pal-talk Seminar on "*Eritrean Identity under the Threat of Extinction: De We Have a Survival Strategy? Part I*" to member of Eritrean People's Democratic Party in Baiytona 2011 Paltalk Discussion Room, 10 November 2013.
7. Gave a Pal-talk Seminar on "Winning Together: How Can the Eritrean People's Democratic Party (EPDP) win Dialogues and Negotiations in Creating a Unified Vision for Eritrea," to members of EPDP in Baiytona 2011 Paltalk Discussion Room, 16 June 2013.
8. Gave a Pal-talk Seminar on "*The Road Map to a Democratic and Prosperous Eritrea: The Challenges of Building Democratic Political Institutions, and Inclusive Economic and Socio-cultural Institutions in Eritrea., Part II*," to the public in Teshamo Eritreanfor Democracy and Justice Paltalk Discussion Room, 27 April 2013:
<http://www.youtube.com/watch?v=DnyrHd0iRAA&list=UUFAGlWYufMggQMJGB6Q4qZw&index=5>
<http://www.youtube.com/watch?v=mGdV16CmKs4&list=UUFAGlWYufMggQMJGB6Q4qZw&index=4>

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- <http://www.youtube.com/watch?v=LhDR2-GmUME&list=UUFAGlWYufMggQMJGB6Q4qZw&index=3>
<http://www.youtube.com/watch?v=a783kAHPbOg&list=UUFAGlWYufMggQMJGB6Q4qZw&index=2>
<http://www.youtube.com/watch?v=z0-B4P-EGkQ&list=UUFAGlWYufMggQMJGB6Q4qZw&index=1>
9. Gave a Pal-talk Seminar on “*The Road Map to a Democratic and Prosperous Eritrea: The Challenges of Building Democratic Political Institutions, and Inclusive Economic and Socio-cultural Institutions in Eritrea, Part I*,” to the public in Teshamo Eritreafor Democracy and Justice Paltalk Discussion Room, 20 April 2013:
<http://www.youtube.com/watch?v=tus2ug-4qPQ&list=UUFAGlWYufMggQMJGB6Q4qZw&index=9>
<http://www.youtube.com/watch?v=UMUJKPUOojk&list=UUFAGlWYufMggQMJGB6Q4qZw&index=8>
<http://www.youtube.com/watch?v=eGdbIIcJS5U&list=UUFAGlWYufMggQMJGB6Q4qZw&index=7>
<http://www.youtube.com/watch?v=3xxZiCVB5vI&list=UUFAGlWYufMggQMJGB6Q4qZw&index=6>
10. Gave a Pal-talk seminar on “*Eritrea at the Dawn of the 21st Century: The Challenges and Opportunities of Building a Democratic and Prosperous Nation in an Unstable and Volatile Region Transition (Horn of Africa)*,” in Dembe Mensiesey NiDemocracsin Fithin Pal-talk Discussion Room, 13 April 2012:
<http://www.youtube.com/watch?v=adkWvZVVSv8&list=UUFAGlWYufMggQMJGB6Q4qZw&index=13>
<http://www.youtube.com/watch?v=s2WKRKQhXXg&list=UUFAGlWYufMggQMJGB6Q4qZw&index=12>
<http://www.youtube.com/watch?v=LjaJSmhKn1w&list=UUFAGlWYufMggQMJGB6Q4qZw&index=11>
<http://www.youtube.com/watch?v=P1oUkocxBYw&list=UUFAGlWYufMggQMJGB6Q4qZw&index=10>
10. Gave a Pal-talk seminar on “*Eritrea at the Dawn of the 21st Century: The Challenges of the Struggle for Democratic Transition in an Instable Neighborhood/Region (Horn of Africa)*,” in Dembe Mensiesey NiDemocracsin Fithin Pal-talk Discussion Room, 04 August 2012:
<http://www.youtube.com/user/SuperSequar>
11. Gave a Pal-talk seminar on “*EPDP – Leading Change: The Role of Leadership in the Struggle for Democratic Transition in Eritrea*,” in Selfna 2011 Pal-talk Discussion Room, 17 June 2012:
https://dl.dropbox.com/u/66966577/EPDP-Leading%20Change_The%20role%20of%20Institutional%20Leadership1.m4v
https://dl.dropbox.com/u/66966577/EPDP-Leading%20Change_The%20Role%20of%20Institutional%20Leadership2.m4v
https://dl.dropbox.com/u/66966577/EPDP-Leading%20Change_The%20Role%20of%20Institutional%20Leadership%201.m4v
12. Gave a Pal-talk seminar on “*EPDP – Leading Change: Opportunities, Challenges and Future directions*,” in Selfna 2011 Pal-talk Discussion Room, 20 May 2012:
https://dl.dropbox.com/u/66966577/EPDP_Leading%20Change1.mov
https://dl.dropbox.com/u/66966577/EPDP_Leading%20Change2.mov
https://dl.dropbox.com/u/66966577/EPDP_Leading%20Change3.mov

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13. Gave a Pal-talk seminar on "Eritrea: Land Issue in Post-Dictator Eritrea," in Eritrean Democracy for all Discussion Pal-talk Room, 2 March 2012: <http://www.youtube.com/user/SuperSequar>
14. Gave a Pal-talk seminar on "National Unity in Diversity: Corner Stone for Successful Democratic Transition in Eritrea," in Dembe Mensiesey NiDemocracsin Fithin Pal-talk Discussion Room, 25 February 2012: <http://www.youtube.com/user/SuperSequar>
15. Gave a Pal-talk Seminar on "The Geopolitics of the Horn of Africa: Implications for Democratic Transition in Eritrea and the Role of the Eritrean Youth," to Eritreans Globally in Youth for Democratic Change Pal-talk Discussion Room, 20 November 2011. The seminar was followed with Questions and Answers session and the whole discussion is recorded and posted on YouTube at www.youtube.com/user/SuperSequar/feed
16. Gave a Pal-talk seminar on "*The Geopolitics of the Horn of Africa and its Implications for Eritrean Sovereignty and Territorial Integrity*," in Dembe Mensiesey NiDemocrasin Fithin Pal-talk Discussion Room, 13 November 2011.
17. Gave a Pal-talk seminar on "Roadmap (Game Plan) for the Democratization of Eritrea," in Selfna 2011 Pal-talk Discussion Room, 23 October 2011.
18. Gave a Pal-talk seminar on "The Role of Eritrean Intellectuals in the Struggle for Democracy in Eritrea," in Dembe Mensiesey NiDemocracsin Fithin Paltalk Discussion Room, 10 September 2011.
19. Gave a seven-hour Pal-talk lecture on "Geopolitics, Hydro-politics and Religion in the Horn of Africa: Implications to Eritrea," to over 1000 Eritreans Globally," in *Youth for Democracy and Justice Pal-Talk Discussion Room*, 23 January 2011.
20. Gave several online (Pal-talk) seminars on "Strategic Nonviolent Struggle: Its Meaning, Methods, and Applications in the Eritrean Context" in several Eritrean Pal-talk Discussion Rooms, such as Eritrean Democracy for all Discussion Room and Dembe Mensiesey NiDemocracsin Fithin Pal-talk Discussion Room.
21. Debated, for more than 8 hours, in support of the appropriateness of "Strategic Nonviolent Struggle", representing EPP's stand, against Ocubzghi Debus who represented Eritrean Salvation Front, an Eritrean oppositions group, which supports a "violent method", in Eritrean for United Opposition Pal-talk Discussion Room, 11 April 2009.
22. Presented a paper on "*EPDP – Leading Change: Opportunities, Challenges and Future directions*," Indianapolis, Indiana, 9-10 June 2012.
23. Conducted public seminar on "*Strategic Nonviolent Struggle: Its Meaning, Methods, Misconceptions and its Application in the Eritrean Context*," Washington, D.C., 18 September 2010.
24. Conducted a public seminar on "*The Eritrean Socio-Economic and Political Condition under the Dictatorial Regime: The Need for an Alternative Path for Democratic Transition in Eritrea*," EPP Regional Conference, Indianapolis, Indiana, 28-29 March 2009.
25. Presented a paper on "*Features of the Macroeconomy and Human Resource Development in Post-Independence Eritrea: An Economist perspective*," ELF-RC Festival, Chicago, USA, on 23 June 2007.

PROFESSIONAL DEVELOPMENT:

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1. Attended a three-day New Faculty Orientation Workshop organized by Faculty Development Institute (FDI), Virginia Tech., August 19-21, 2008.
2. Attended Principles of Economics Symposium organized by McGraw-Hill in La Jolla, California, March 5-8, 2009.
3. Attended a one-day Conference on ‘Advancing Diversity at Virginia Tech’, Sponsored by Virginia Tech, *AdvanceVT* Program, at Inn at Virginia Tech and Skelton Conference Center, January 11, 2011, Blacksburg, Virginia.
4. Attended a one-day Conference on “Teaching Principles of Economics: An Economics Symposium” Sponsored by Florida Atlantic university and the Center for Economic Education in Conjunction with Worth publishers, February 4, 2011, Boca Raton, Florida.
5. Attended a Conference on “Teaching Principles of Economics: An Economics Symposium” Sponsored by Worth publishers, February 2- 4, 2012, Austin, Texas.
6. Attended the Spring 2012 FDI Seminars on the following (one hour and 45 minutes each):
 - a. OneNote and MS Interactive Classroom, Torgersen Hall (FDI Classroom), Virginia Tech, January 31, 2012.
 - b. Campus Resources at Virginia Tech, Torgersen Hall (FDI Classroom), Virginia Tech, February 7, 2012.
 - c. Seven Technology Tools to Use in Your Teaching Today, Torgersen Hall (FDI Classroom), Virginia Tech, February 9, 2012.
 - d. Learning Everything about the Table PC, Torgersen Hall (FDI Classroom), Virginia Tech, February 28, 2012.
 - e. Strategies for Technology Integration in Teaching and Learning, Torgersen Hall (FDI Classroom), Virginia Tech, March 20, 2012.
 - f. Dyknow Part 1: Introduction to Dyknow, Torgersen Hall (FDI Classroom), Virginia Tech, April 3, 2012.
 - g. Dyknow Part 2: Introduction to Dyknow, Torgersen Hall (FDI Classroom), Virginia Tech, April 17, 2012,
7. Attended the 8th Annual Economics Teaching Conference Sponsored by South-Western (CENGAGE Learning) and National Economics Teaching Association (NETA), Orlando, Florida, November 8-9, 2012.

MISCELLANEOUS

Refereeing

Journal of Regional Science
Regions and Development
Australian Journal of Agricultural and Resource Economics

Awards

- 2013, Excellence in Access and Inclusion Award, Office of Diversity and Inclusion, Virginia Tech.
- 2012, Principles Teacher of the Year, 2011-2012, Department of Economics, Virginia Tech

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- 2011, Principles Teacher of the Year, 2010-2011, Department of Economics, Virginia Tech
- 2006, Second Thomas F. Torries Award for Outstanding Ph.D. Research, Division of Resource Management, West Virginia University
- 2004, Travel Award, AAEA, Paper Presentation at the 2004 AAEA Annual Meeting

Computing Skills

Basics:	Word, Excel, PowerPoint, Access
Econometric Packages:	TSP, EViews, Limped, SPSS, SAS
Statistical and Mathematics Packages:	GiveWin, MATLAB, @Risk, Maple
Spatial Software:	ArcGIS, GeoDa, MATLAB
Class Management Tools	Blackboard, Scholar, MyEconLab, Aplia