

BJORN CHRISTOPHER WESTGARD, M.D., M.A.
 Department of Emergency Medicine, Regions Hospital
 640 Jackson Street, 11102-F, St. Paul, MN, 55104
 o 651-254-1809 h 612-824-4960 c 612-229-9726
Bjorn.C.Westgard@HealthPartners.com bjorn.westgard@gmail.com

EDUCATION

Undergraduate	University of Minnesota Minneapolis-St. Paul, MN Bachelor of Arts, Honors Anthropology, French	August 1996
Postgraduate	University of Illinois Department of Anthropology Urbana-Champaign, IL Master of Arts	October 2002
	University of Illinois College of Medicine Urbana-Champaign, IL Doctor of Medicine	May 2006
	University of Illinois Department of Anthropology Urbana-Champaign, IL Doctor of Philosophy, ABD	August 2017, expected

POSTDOCTORAL TRAINING

Internship	Emergency Medicine Hennepin County Medical Center Minneapolis, Minnesota	June 2005 - June 2006
Residency	Emergency Medicine Hennepin County Medical Center Minneapolis, Minnesota	June 2006 - June 2008
Fellowship	Undersea and Hyperbaric Medicine Hennepin County Medical Center Minneapolis, Minnesota	June 2008 - June 2009

ACADEMIC APPOINTMENTS

Assistant Professor	Department of Emergency Medicine University of Minnesota Medical School Minneapolis, MN	April 2011 - Present
---------------------	---	----------------------

CLINICAL/HOSPITAL APPOINTMENTS

Research Director	Regions Emergency Medicine Residency Regions Hospital	January 2017 - Present
Senior Staff Physician	Department of Emergency Medicine Regions Hospital St. Paul, MN	July 2009 - Present
Staff Physician	Hyperbaric and Emergency Medicine Department of Emergency Medicine	July 2009 - Present

	Hennepin County Medical Center Minneapolis, MN	
Staff Physician	Emergency Department St. Croix Regional Medical Center St. Croix Falls, WI	July 2009 - Present
Staff Physician	Emergency Department Hudson Hospital Hudson, WI	July 2009 - Present
Staff Physician	Emergency Department Westfields Hospital New Richmond, WI	July 2011 - Present

CERTIFICATION AND LICENSURE

Board Certification	ABEM Board Certified, Emergency Medicine ABEM Board Certified, Undersea and Hyperbaric Medicine
Other Certifications	ACLS, ATLS, PALS
Licensure	Minnesota License #49631 Wisconsin License #53234-20

PROFESSIONAL AFFILIATIONS

American Academy of Emergency Medicine	2008 - Present
American College of Emergency Physicians	2005 - Present
Society for Academic Emergency Medicine	2005 - Present
American Anthropological Association	1998 - Present
Society for Medical Anthropology	2004 - Present
Society for Cultural Anthropology	2004 - Present
American Ethnological Society	1998 - Present
Association for Africanist Anthropology	2000 - Present

NATIONAL INVOLVEMENT

Community-Based Academic Physician Task Force Society for Academic Emergency Medicine	2011-2013
--	-----------

LOCAL INVOLVEMENT

Governing Board, Guild Incorporated	2016-present
Institutional Review Board, HealthPartners	2016-present
Equitable Care Committee, Regions Hospital	2015-present
Limb Salvage Committee, Hennepin County Medical Center	2015-present
Health Services Research Committee, HealthPartners	2013-2015
Community Outreach Committee, Regions Hospital	2011-2014

HONORS AND AWARDS

Emergency Medicine Basic Research Skills - Best in Class Emergency Medicine Foundation	2013
---	------

NATIONAL PRESENTATIONS

2017 Westgard B, Kaye K, Zagar A, Anderson J, Wewerka S. "A Randomized Controlled Trial of Emergency Department (ED) Dental Care Vouchers to Improve Care and Reduce Return Visits." Oral presentation to the Society for Academic Emergency Medicine,	
--	--

Orlando, FL.

Omodt S, Westgard B, Logue C. "Improvements in Teamwork, Care Quality, and Patient Safety through the Implementation of an Emergent Hyperbaric Treatment Checklist." Oral presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Naples, FL.

- 2016 Olives T, Westgard B, Cole J. "Socioeconomic stratification of callers to a regional poison center: What size are the holes in our net?" Oral presentation to the North American Congress of Clinical Toxicology, Boston, MA.

Minnihan E, Walter J, Westgard B, Hendrickson S, Logue C, Masters S. "Prospective Study of Mucosal Atomizer Device Use on Myringotomy Patency." Poster presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Toronto, Canada.

Minnihan E, Masters T, Westgard B, Walter J, Logue C, Hendrickson S. "Fluorescence Microangiography to Guide Management of Non-healing Wounds." Poster presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Toronto, Canada.

Hendrickson S, Masters T, Westgard B, Walter J, Minnihan E, Logue C. "Case Series of Patients with CRAO with the Diagnosis Confirmed by Bedside Ultrasound." Poster presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Toronto, Canada.

- 2015 Westgard B, Martinson B, Maciosek M, Pryce D, Dalmar A, Farah F, Wewerka S, Fernandes O. "Intensive Community Engagement to Address Cardiovascular Disease Risk Factors in the Somali Community." Poster presentation to the Academy Health Annual Meetings, Minneapolis, MN.

Westgard B, Warren D, Van Riper D, Borah J. "Neighborhood And Patient Factors In Hotspots Of Potentially Avoidable Emergency Department Visits And Costs." Poster presentation to the Society for Academic Emergency Medicine, San Diego, CA.

Masters T, Westgard B, Walter J, Hendrickson S, Logue C. "Hyperbaric oxygen therapy for central retinal artery occlusion (CRAO): Improved outcomes in a retrospective case series." Poster presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Dallas, TX.

Masters T, Westgard B, Hendrickson S, Walter J, Logue C. "Safety and Efficacy of Needle Myringotomy Performed by Hyperbaric Medicine Physicians." Poster presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Dallas, TX.

Walter J, Westgard B. "Hyperbaric Oxygen Therapy is Associated with Improved Mortality in Necrotizing Soft Tissue Infections (NSTIs): A Retrospective Case-Control Study in Two Urban Hospitals." Poster presentation to the Undersea and Hyperbaric Medical Society Annual Meetings, Dallas, TX.

- 2014 Westgard B, Warren D, Van Riper D, Borah J. "Hotspots of Triple Aim Opportunity: Identifying Geographic Clusters of Potentially Preventable Emergency Department Visits and Costs." Poster presentation to the American College of Emergency Physicians, Chicago, IL.

Ankeny A, Isenberger K, Westgard B, Stuck L, Shirley C, Wewerka S. "Association of Missed Outpatient Appointments and Emergency Department Visits and Inpatient Admissions." Poster presentation to the American College of Emergency Physicians, Chicago, IL.

- Walter J, Westgard B. "Morbidity & Mortality in Necrotizing Soft Tissue Infections (NSTIs): Hyperbaric Oxygen Versus Standard Therapy in Two Urban Hospitals," Poster presentation to the Undersea and Hyperbaric Medicine Society Annual Meetings, St. Louis, MO.
- Westgard B, Dahl E, Van Riper D, Borah J. "Healthy Food Availability is Associated with Neighborhood Incidence of Emergency Department Visits for Diet-Related Illnesses." Poster presentation to the Society for Academic Emergency Medicine, Dallas, TX.
- 2013 Westgard B, Dahl E, Van Riper D, Borah J. "Healthy Neighborhoods and the Emergency Department: Is Neighborhood Healthy Food Availability Associated with Emergency Department Presentations for Diet-Related Illness?" Poster presentation to the American College of Emergency Physicians, Seattle, WA.
- 2011 Westgard B. "Spatial Information, Geographic Information Systems (GIS), and Geo-Spatial Methods in Public Health and Emergency Care Research." Didactic presentation to the Society for Academic Emergency Medicine, Chicago, IL.
- 2009 Westgard B, Miner J, Biros M. "Longitudinal Analysis of the Minnesota Homeless Survey Data 1991-2006: Changing Associations Between Emergency Department Usage, Shelter Type, Chronic Illness, and Access to Services," poster presented to the Society for Academic Emergency Medicine, New Orleans, LA.
- Westgard, B. "Doctors in Development: Circuits of Public Health Training and Transnational Governance in West Africa," paper presented to the Society for Medical Anthropology, New Haven, CT.
- Westgard B. "Performing Ethnic Politics through Traditional Medicine," paper presented to the Central States Anthropological Society, Urbana, IL.
- 2008 Westgard B. "'Found Down, Brought in by Ambulance': Homelessness and the Developing Sovereignty of Emergency Medical Care," paper presented to the Society for Medical Anthropology, Memphis, TN
- Westgard B, Miner J, Biros M. "Analysis of the 2006 Minnesota Homeless Survey Data: Do Shelter Type, Chronic Illness, and Access to Services Correlate with Emergency Department Usage?" poster presented to the Society for Academic Emergency Medicine, Washington, DC.
- 2006 Westgard B. "Making Governmentality Effervesce: Communal Transformations of the World Bank's Community Nutrition Program in Senegal," paper presented to the Society for Cultural Anthropology, Milwaukee, Wisconsin.
- 2004 Westgard B, Chen JJ. "Fetishizing Reproduction Amidst the Specter of Crisis: State Policy and Popular Practice in Asia and Africa," panel organized for the American Ethnological Society, Atlanta, Georgia.
- Westgard B. "Extenuating Circumstance: Transnational Governance and the Reproduction of Local Family Planning," paper presented to the American Ethnological Society, Atlanta, Georgia.
- 2001 Westgard B. "Traditional Gone Transnational: The Politics of a Global Medical Network," paper presented to the American Anthropological Association, Washington, DC.
- 2000 Westgard B. "Articulating Ethnomedicine: Struggling over Health and Sereer Tradition in the Heart of Senegal," paper presented to an Invited Session of the American

Anthropological Association, San Francisco, California.

- 1999 Westgard B. "The Nature of Tradition and the Culture of Hegemony: The Uses and Abuses of 'Traditional Medicine' in Senegal," paper presented to the American Ethnological Society, Portland, Oregon.

SELECTED REGIONAL AND LOCAL PRESENTATIONS

- 2017 Westgard B. "Post-Partum Complications." Presentation to the Regions Emergency Medicine Residency Program, Regions Hospital, St. Paul, MN.
- 2016 Westgard B. "Hematologic and Oncologic Emergencies." Presentation to the Regions Emergency Medicine Residency Program, Regions Hospital, St. Paul, MN
- Westgard B. "The Theater of Physician-Patient Engagement: A How To and Why It Matters." Presentation to the Regions Emergency Medicine Residency Program, Regions Hospital, St. Paul, MN.
- Westgard B. "What's in your belly?! Physician engagement and shared decision-making," improve exercise for the Regions Emergency Medicine Residency Program, Regions Hospital, St. Paul, MN
- Grothe J, Dillon K, Westgard B. "Hospital to Home: Rejuvenating Health and Reducing Costs," presentation to the Minnesota Association of Community Mental Health Programs Annual Conference, St. Paul, MN.
- 2013 Westgard B. "Hyperbaric Oxygen Therapy: Emergencies and Evidence," presentation to the Emergency Medicine Residency Program, Hennepin County Medical Center, Minneapolis, MN
- 2012 Westgard B. "Hyperbaric Oxygen Therapy: Emergencies and Evidence," presentation to Emergency Medicine Grand Rounds, Regions Hospital, St. Paul, MN.
- 2011 Westgard B. "Hyperbaric Oxygen for Necrotizing Soft Tissue Infections," presentation to the Stabilization Conference, Emergency Medicine Residency Program, Hennepin County Medical Center, Minneapolis, MN.
- 2010 Westgard B. "Social Dynamics and the Emergency Department," presentation to Emergency Medicine Interest Group, University of Minnesota Medical School, Minneapolis, MN.
- 2009 Westgard B. "Social Aspects of Emergency Medical Care," presentation to Emergency Medicine Student Rotation, University of Minnesota Medical School, Minneapolis, MN.
- 2008 Westgard B. "Necrotizing Infections," presentation to Core Content, Emergency Medicine Residency Program, Hennepin County Medical Center, Minneapolis, MN.
- Westgard B. "Research Study Design," presentation to Core Content, Emergency Medicine Residency Program, Hennepin County Medical Center, Minneapolis, MN.
- 2007 Westgard B. "Valvular Disorders," presentation to Core Content, Emergency Medicine Residency Program, Hennepin County Medical Center, Minneapolis, MN.
- Westgard B. "Found Down, Brought in by Ambulance: Homelessness and the Sovereign Role of Emergency Medicine," presentation to the Urban Studies Group, University of Minnesota, Minneapolis, MN.

- Westgard B. "How To Have Theory on the Wards," presentation to the conference on "Rethinking Health, Culture and Society: Physician-Scholars in the Social Sciences and Medical Humanities," Chicago, IL.
- 2006 Westgard B. "Anaphylaxis," presentation to the Stabilization Conference at North Memorial Medical Center, Robbinsdale, MN.
- Westgard B. "Toxicology of Common Alternative Medicines," presentation to the Poison Center, Department of Pharmacy, Hennepin County Medical Center, Minneapolis, MN.
- 2005 Westgard B. "'Wisdom that grows and knowledge that flies': Negotiating Local Knowledge and International Public Health in Senegal," paper presented at the Conference on African Health and Illness, Austin, TX.
- Westgard B. "Methamphetamine: Sociologic and Medical Concerns," presentation to the Stabilization Conference at North Memorial Medical Center, Robbinsdale, MN.
- 2003 Westgard B. "Negotiating Ethnic and Medical Cultures: Senegalese Responses to Pathology and Power," paper presented to the symposium on "Interculturality in a Globalizing World," sponsored by Joint Area Centers, University of Illinois, Urbana, IL.
- 2001 Westgard B. "Medical Articulations of Body, Knowledge, and Community in Fatick," preliminary research presentation to the West African Research Center, Dakar, Senegal.

COMMUNITY ENGAGEMENT

- 2015 "Research in the Somali Community," video for Somali TV, Minneapolis, MN.
- "Tips to Protect Against Carbon Monoxide Poisoning," KSTP-TV, 1/15/15.
- 2014 "Healthcare equity: how do we get there? A forum of healthcare representatives," MinnPost, 10/21/14.
- "The Social Determinants of Health and the Electronic Health Record," presentation to the Minnesota Department of Health/Department of Human Services Standards and Interoperability Committee, St. Paul, MN.
- "The Somali Heart Health Study," KFAI Radio, 11/23/14.
- "Heart Disease and Heart Health," video for Somali TV, Minneapolis, MN.
- "Diabetes and Metabolic Syndrome," video for Somali TV, Minneapolis, MN.
- "The Somali Heart Health Study," video for Somali TV, Minneapolis, MN.
- "Carbon Monoxide Poisoning Treatment and Prevention," Minnesota Department of Public Safety, 12/4/14.
- "After Deaths, Officials Warn of Dangers of Carbon Monoxide Poisoning," Minnesota Public Radio News, 12/6/14.
- 2012 "For emergency room regulars, a promising lifeline out," StarTribune, 5/31/12.
- "HCMC replaces 1960s-era hyperbaric chambers," StarTribune, 5/22/12
- 2010 "One diver dead, one saved by HCMC chamber," KSTP, 7/12/10.

PUBLICATIONS

Peer-Reviewed

- Westgard B, Farah F, Martinson B, Maciosek M, Pryce D, Wewerka S. "Social Networks and Cardio-metabolic Risk in a Somali Community: Lessons Learned from Community Engagement through Recruitment, Data Collection and Implementation". Ethnicity and

Disease. (In press).

Hendrickson S, Menth N, Westgard B, Cole J, Walter J, Masters T, Logue C. "Hyperbaric oxygen therapy for the prevention of arterial gas embolism food grade hydrogen peroxide ingestion." *American Journal of Emergency Medicine*. 45(5):809.e5-809.e8.

Masters T, Omodt S, Gayken J, Logue C, Westgard B, Hendriksen S, Walter J, Nygaard R. "Microangiography to monitor treatment outcomes following severe frostbite injury to the hands - a case report." *Journal of Burn Care and Research*. Publish ahead of print, <http://insights.ovid.com/pubmed?pmid=28328661> March 15, 2017.

Westgard BC, Peterson BK, Salzman JG, Anderson R, Buldra M, Burnett AM. 2013. "Longitudinal and regional trends in paramedic student exposure to advanced airway placement: 2001-2011." *Prehospital Emergency Care*. 17(3):379-85.

Miner J, Westgard B, Olives T, Patel R, Biros M. 2013. "Hunger and Food Insecurity among Patients Presenting to an Urban Emergency Department." *Western Journal of Emergency Medicine*. 14(3):253-62.

Johnson PJ, Ghildayal N, Ward A, Westgard BC, Boland LL, Hokanson JS. 2012. "Disparities in potentially avoidable emergency department (ED) care: ED visits for ambulatory care sensitive conditions." *Medical Care*. 50(12):1020-8.

Published Abstracts

Westgard B, Warren D, Van Riper D, Borah J. 2014. "Hotspots of Triple Aim Opportunity: Identifying Geographic Clusters of Potentially Preventable Emergency Department Visits and Costs." *Annals of Emergency Medicine*.

Ankeny A, Isenberger K, Westgard B, Stuck L, Shirley C, Wewerka S. 2014. "Association of Missed Outpatient Appointments and Emergency Department Visits and Inpatient Admissions." *Annals of Emergency Medicine*.

Walter J, Westgard B. "Morbidity & Mortality in Necrotizing Soft Tissue Infections (NSTIs): Hyperbaric Oxygen Versus Standard Therapy in Two Urban Hospitals." *Undersea and Hyperbaric Medicine*.

Westgard B, Dahl E, Van Riper D, Borah J. 2014. "Healthy Food Availability is Associated with Neighborhood Incidence of Emergency Department Visits for Diet-Related Illnesses." *Academic Emergency Medicine*.

Westgard B, Dahl E, Van Riper D, Borah J. 2013. "Healthy Neighborhoods and the Emergency Department: Is Neighborhood Healthy Food Availability Associated with Emergency Department Presentations for Diet-Related Illness?"

Miner J, Westgard B, Olives T, Patel R, Biros M. 2010. "Increasing Rate of the Experience of Hunger Among Patients of Presenting to the Emergency Department at an Urban County Medical Center." *Academic Emergency Medicine*. 17(s1):s175.

Miner J, Westgard B, Olives T, Patel R, Biros M. 2010. "Increasing Rate of Patients Who Are Homeless of Have Unstable Living Situations Presenting to the Emergency Department at an Urban County hospital between 2007 and 2009." *Academic Emergency Medicine*. 17(s1):s168.

Westgard B, Miner J, Biros M. 2009. "Longitudinal Analysis of the Minnesota Homeless Survey Data 1991-2006: Changing Associations Between Emergency Department Usage, Shelter Type, Chronic Illness, and Access to Services." *Academic Emergency Medicine*. 16(s1):s268.

Westgard B, Miner J, Biros M. 2008. "Analysis of the 2006 Minnesota Homeless Survey Data: Do Shelter Type, Chornic Illness, and Access to Services Correlate with Emergency Department Usage." *Academic Emergency Medicine*. 15(s1):s102.

Non-Experimental Publications

Westgard B, Adkinson C. 2009. "Power in the Study of Mortality and Necrotizing Soft Tissue Infections." *Surgical Infections*, 10(1):21-8.

Gross G, Westgard B. 2007. "Hyperbaric Oxygen Therapy in Emergency Medicine Practice." <http://www.emedhome.com>

Westgard B. 2003. "Rituals of Culture: From Life to Spectacle." *Yeggo: Culture/Exchange*, 8:24.

Book Chapters

Westgard B. 2010. "Hypothermia," in *Avoiding Common Errors in the Emergency Department*, edited by A Mattu, A Chanmugam, S Swadron, C Tibbles, D Woodridge. Lippincott, Williams and Wilkins.

Westgard B. 2008. "'Wisdom that grows and knowledge that flies': Negotiating Local Knowledge and International Public Health in Senegal," in *Health, Knowledge, and Belief Systems in Africa*, edited by T Falola and MM Heaton, 137-148. Durham, NC: Carolina Academic Press.

Westgard B. 2003. "Professionals." In *Encyclopedia or Twentieth-Century African History*, edited by P.T. Zeleza and D. Eyoh. London: Routledge.

Westgard B. 2003. "Merchants." In *Encyclopedia or Twentieth-Century African History*, edited by P.T. Zeleza and D. Eyoh. London: Routledge.

Westgard B. 2001. "From Development Ethics to Medical Ethics: 'Capabilities,' 'Well-Being' and the Conceptualization of Health Care." In *Collected Papers of the Ford Foundation Interdisciplinary Research Seminar on Ethics in International Development*, ACDIS Occasional Papers, edited by R. McKim, 9-20. Champaign-Urbana, Illinois: ACDIS.

RESEARCH GRANTS**Using Systems Science Methods to Study Cardiac Risk in the Somali Community, Diversity Supplement 3R01HL118282-02S1**

Role: Principle Investigator 07/2016-present
 Sponsor: National Heart, Lung, and Blood Institute \$33,757

Using Systems Science Methods to Study Cardiac Risk in the Somali Community R01HL118282

Role: Principle Investigator 01/2014-12/2018
 Sponsor: National Heart, Lung, and Blood Institute \$2,875,269

A Trial of Dental Vouchers to Improve Care and Reduce Emergency Department Return Visits

Role: Co-Investigator 01/2015-06/1016
 Sponsor: Regions Hospital Foundation \$50,000

Hotspotting Healthcare Value: Geographic analysis of preventable emergency department visits, their costs, and feasible solutions

Role: Principal Investigator 04/2013-present
 Sponsor: HealthPartners Institute for Education & Research \$27,549

Associations Between Neighborhood Healthy Food Availability and Emergency Department Presentations for Diet-Related Illness (DRI)

Role: Principal Investigator 07/2012-08/2014
 Sponsor: Emergency Medicine Foundation \$5,000

Postcolonial Treatments: A History of Governance through Public Health in Senegal, West Africa

Role: Principal Investigator (PhD Thesis) 07/2002-08/2003
 Sponsors: Social Science Research Council \$9,975;

Sereeritude and Senghor: The Poetics and Political Economy of Sereer Ethnicity in Senegal

Role: Co-Investigator (PI: Alma Gottlieb, PhD) 06/2001-08/2001
 Sponsor: West African Research Association \$7,500

TRAINING GRANTS

International Dissertation Research Fellowship 2002-2003

Social Science Research Council

Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship 2002-2003

United States Department of Education

Predissertation Research Fellowship 2002

West African Research Association

Foreign Language and Area Studies Fellowship – Bamana 1998-1999

United States Department of Education

Foreign Language and Area Studies Fellowship – Wolof 1997-1998

United States Department of Education

ADDITIONAL RESEARCH**Stem Cell Mobilization and Diabetic Wounds R01DK094260-01A**

Role: Site Principal Investigator 02/2015-2016
 Sponsors: National Institutes of Health, NIDDK

Hospital to Home: The qualitative experience of supportive housing for homeless patients with multiple comorbidities

Role: Principal Investigator 01/2010-present
 Sponsors: Regions Hospital, Hearth Connection, Guild Incorporated, Wilder Research Foundation

Adjuvant hyperbaric oxygen versus standard therapy for necrotizing soft tissue infections: 10 years of experience in two urban hospitals

Role: Principal Investigator

06/2013-03/2015

Sponsors: Regions Hospital, Hennepin County Medical Center

African-American conceptions of community wellness in East St. Paul, Minnesota

Role: Principal Investigator

04/2010-04/2012

Sponsors: Regions Hospital Department of Emergency Medicine, Cultural Wellness Center

Longitudinal analysis of factors associated with emergency department utilization among the homeless, 1991-2009

Role: Principal Investigator

01/2009-12/2011

Sponsors: Hennepin County Medical Center, Wilder Research Foundation

TEACHING

Clinical Faculty 2009-present	Emergency Medicine Residency Program Regions Hospital, St. Paul, Minnesota
Clinical Faculty 2009-present	Emergency Medicine Residency Program Hennepin County Medical Center, Minneapolis, Minnesota
Clinical Faculty 2009-present	Inter-professional Street Outreach Project University of Minnesota Medical School
Instructor 2006-2007	Department of Emergency Medicine University of Minnesota, Minneapolis

MENTORING

Farhiya Farah, MPH	Thesis Advisor, Doctor of Philosophy, Environmental Policy, "Food Safety and Culture in Somali Food Establishments"
Ifrah Biyoow, MPH	Thesis Advisor, Doctor of Philosophy, Epidemiology, "Ideal cardiovascular health, cardiovascular disease, and gender differences in the Somali community of Minnesota."
Nora Marino, MPH	Thesis Advisor, Masters of Public Health, "Housing Supports for Individuals with Serious Mental Illnesses"
David Warren, MD	Thesis Advisor, Masters of Public Health, Health Administration "Hotspotting Healthcare Value: Geographic analysis of preventable emergency department visits, their costs, and feasible solutions"
Eric Dahl, MD, MPH	Thesis Advisor, Masters of Public Health, Epidemiology "Associations Between Neighborhood Healthy Food Availability and Emergency Department Presentations for Diet-Related Illness (DRI)"

QUALITY IMPROVEMENT

Hospital to Home	Pilot to improve care and cost through supportive housing for frequent Regions Hospital Emergency Department patients who are homeless with multiple chronic medical and mental health issues
ED Care Plans	Pilot to improve care coordination for frequent Regions Hospital Emergency Department patients through care plans in the electronic medical record
EBAN Experience	Pilot to improve racial and gender disparities in pain control for

extremity injuries in the Regions Hospital Emergency Department

PRIOR HONORS AND AWARDS

Medical	Graduate Fellowship, Medicine	2004-2005
Graduate	Breslow Award for Promise in Anthropology	2004
	Casagrande Award, Anthropology	2001
	Research Assistance Award, Anthropology	2001
	Outstanding Graduate Student Instructor	2000
	Predissertation Research Award, Anthropology	1999
	Foreign Language and Area Studies Fellowship, Bamana	1998
Undergraduate	Foreign Language and Area Studies Fellowship, Wolof	1997
	Waller Scholarship	1994
	Alumni Scholarship	1991

PRIOR RESEARCH EXPERIENCE

Research Affiliate 1999, 2001, 2002-2003	Institute for Health and Development (ISED) Leopold Sedar Senghor Foundation Fundamental Institute of Black Africa (IFAN) Cheikh Anta Diop University (UCAD) Dakar, Senegal
Consultant 1998-2000	Franciscan-Skemp Healthcare, Mayo Health System Complementary and Alternative Medicine Committee LaCrosse, Wisconsin
Invited Participant 1999	Council for the Development of Social Science in Africa 3 rd Annual Institute on Gender Dakar, Senegal
Invited Participant 1999	West African Research Association Dual Intellectual Citizenship Program Dakar, Senegal
Research Assistant 1998	New Life Center for Girls Chiang Mai, Thailand.
Project Facilitator 1995	United States Agency for International Development Dakar, Senegal
Intern 1994-1995	Environmental Development Action, Third World (ENDA-TM) Dakar, Senegal

PRIOR TEACHING

Teaching Assistant Fall 2001	"Cultural Images of Women," Department of Anthropology. University of Illinois at Urbana-Champaign.
Teaching Assistant Fall 1999-Spring 2000	"Human Anatomy," Department of Cell and Structural Biology. University of Illinois at Urbana-Champaign.
Teaching Assistant Spring 2000	"Introduction to Linguistic Anthropology," Department of Anthropology. University of Illinois at Urbana-Champaign.
Teaching Assistant Fall 1996	"Introduction to Cultural Anthropology," Department of Anthropology. University of Illinois at Urbana-Champaign.

Teaching Assistant
Summer 1996

“Language Borderlands,” Department of Speech
Communications. University of Minnesota, Minneapolis-St. Paul.