

Deborah A. Levine, MD, MPH
Assistant Professor of Medicine
Department of Internal Medicine, Division of General Medicine
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Curriculum Vitae

Education and Training

Education:

08/88 – 05/92 BA, Bowdoin College, Brunswick, ME – Chemistry with Honors, *summa cum laude*
08/92 – 06/96 MD, Mount Sinai School of Medicine, New York, NY
07/03 – 11/05 MPH, Harvard School of Public Health, Boston, MA

Postdoctoral Training:

07/96 – 06/97 Medical Intern, New York University Medical Center – Bellevue Hospital Center, New York, NY
07/97 – 06/99 Medical Resident, New York University Medical Center – Bellevue Hospital Center, New York, NY
07/99 – 06/00 Chief Medical Resident, Memorial Sloan-Kettering Cancer Center, New York, NY
07/08 – 08/08 34th American Heart Association Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease, Lake Tahoe, CA

Certification and Licensure

Medical Licensure:

04/98 – 10/01 New York
04/00 – 11/02 Massachusetts
02/02 – 12/07 Alabama
07/07 – 12/09 Ohio
07/09 – present Michigan

Board Certification:

08/99 – 12/09 American Board of Internal Medicine, renewed 07/2009

Academic, Administrative, and Clinical Appointments

Academic Appointments:

07/99 – 06/00 Clinical Assistant Attending in Medicine, Bellevue Hospital Center, New York, NY
07/97 – 06/99 Teaching Assistant in Medicine, New York University School of Medicine, New York, NY
07/99 – 06/00 Senior Clinical Associate in Medicine, Memorial Sloan-Kettering Cancer Center, New York, NY

07/99 – 06/00	Senior Clinical Associate in Medicine, Weill Medical College, Cornell University, New York, NY
08/00 – 04/02	Clinical Instructor of Medicine, Tufts University School of Medicine, Boston, MA
05/02 – 06/07	Assistant Professor of Medicine, tenure track, Division of General Internal Medicine, University of Alabama at Birmingham School of Medicine, AL
11/03 – 06/07	Investigator, Research Enhancement Award Program (REAP), Deep South Center on Effectiveness, Birmingham VA Medical Center, AL
12/03 – 06/07	Assistant Professor of Medicine, Division of Preventive medicine, University of Alabama at Birmingham School of Medicine, AL
07/04 – 06/07	Scientist, Center of Aging, University of Alabama at Birmingham School of Medicine, Birmingham, AL
08/07 – present	Adjunct Assistant Professor of Medicine, Division of General Internal Medicine, University of Alabama at Birmingham School of Medicine, AL
10/07 – 06/09	Assistant Professor of Medicine, tenure track, Division of General Internal Medicine, The Ohio State University College of Medicine, and Division of Health Services Management & Policy, The Ohio State University College of Public Health, Columbus, OH
07/09 – present	Assistant Professor of Medicine, instructional track (physician scientist), Division of General Medicine, Department of Internal Medicine (primary appointment), Department of Neurology (secondary appointment), The University of Michigan Medical School, Ann Arbor, MI

Clinical Appointments:

08/00 – 04/02	Staff Physician, Newton Wellesley Primary Care and Department of Medicine, Newton-Wellesley Hospital, Newton, MA
05/02 – 07/05	Staff Physician, Medicine Service, University of Alabama at Birmingham Hospital, AL
05/02 – 07/05	Staff Physician, Medicine Service, Cooper Green Hospital, Birmingham, AL
06/02 – 07/07	Staff Physician, Medicine Service, Birmingham VA Medical Center, AL
04/07 – 07/07	Staff Physician, Medicine, University of Alabama at Birmingham Hospital, AL
10/07 – 06/09	Staff Physician, Medicine Service, Ohio State University Medical Center, Columbus, OH
10/07 – 06/09	Staff Physician, OSU Internal Medicine, LLC, Dublin, OH
07/09 – present	Staff Physician, University of Michigan Health System, Ann Arbor, MI
08/09 – present	Staff Physician, VA Ann Arbor Healthcare System, Ann Arbor, MI
04/10 – present	Staff Physician, Cardiovascular Center General Medicine Post-Stroke Clinic, University of Michigan Health System, Ann Arbor, MI

Research Interests

Primary research interests are the epidemiology, prevention and care of stroke and poststroke cognitive decline, with a focus on vascular risk factors, adherence, and health disparities.

Grants

Present and Active:

K23 (Levine DA, PI) 09/01/2012 – 08/31/2016

NIH/NIA

The Predictors and Long-Term Trajectory of Poststroke Cognitive Decline

Role: Principal Investigator

Funding Amount: \$201,644 (direct costs)

LIP 41-115 (Levine DA, PI) 02/01/2011 – 09/30/2011

Veterans Affairs Health Services Research and Development Center of Excellence, Ann Arbor, MI
(Local Improvement Project)

Long-term Outcomes of Stroke in Veterans

Role: Principal Investigator

Funding Amount: \$20,000.00

Pending

R01 PA-09-265 (Rogers, PI) 04/01/2013 – 03/31/2016

NIH/NIA

Infection as a Trigger for Arterial and Venous Thrombosis in Older Adults

Role: Co-Investigator

Get With the Guidelines Committee Young Investigator Database Research Seed Grant

American Heart Association (Sausser, PI)

Relationship between Timeliness of Brain Imaging and Door-to-Needle Time in tPA Treated Patients with Acute Ischemic Stroke: Analysis of the GWTG Stroke Program

Role: Mentor

Previous Grants:

KL2 (Levine DA, PI) 07/01/2012 – 06/30/2014

Michigan Institute for Clinical & Health Research (MICHR, UM CTSA)

The Predictors and Long-Term Trajectory of Poststroke Cognitive Decline

Role: Principal Investigator

Funding Amount: \$100,822 (direct costs)**Relinquished for NIH/NIA K23.*

P30 AG024824-07 (Levine DA, PI) 09/30/2010 – 08/31/2011

NIH/MICHR

Racial Differences in Cognitive Decline: The Influence of Stroke

Role: Principal Investigator

Funding Amount: \$39,555.00

IHD 04-387 (Levine DA, PI) 05/01/2004 – 09/30/2004

VHA HSR&D Ischemic Heart Disease QUERI (Local Improvement Project)

Improving Early Recognition of Acute Myocardial Infarction in the Birmingham VA Medical Center Emergency Department

Role: Principal Investigator

Funding Amount: \$39,000.00

U01 CA93329-03 (Fouad M, PI) 09/28/2001 – 08/31/2006
NIH/NCI

Deep South Cancer Care Outcomes Research and Surveillance Consortium (CanCORS)
Colorectal and Lung Cancer PDCR Site
Role: Investigator (09/02 – 12/03)
Funding Amount: \$5,044,747.00

(Levine DA, PI) 04/03/2005 – 04/02/2007
Network 7 VA Research Sub Council Career Development Award /VA HSR&D
Secondary Prevention of Acute Ischemic Stroke (IS): The Effectiveness of Four Drugs
Role: Principal Investigator (04/05 – 07/07)
Funding Amount: 5/8 salary support

M01-RR00032 (Levine DA, PI) 07/01/2005 – 02/28/2007
NIH NCCR/University of Alabama at Birmingham Pittman General Clinical Research Center
Clinical Research Feasibility Funds
The Accuracy of the Random Urine Specimen in Diagnosing Aldosterone Excess
Role: Principal Investigator
Funding Amount: \$20,000.00

3U01NS041588-04S1 (Howard G, PI) 09/19/2001 – 07/31/2007
NINDS
Reasons for Geographic and Racial Differences in Stroke (REGARDS)
Role: Investigator; Chair of Access to Care Subcommittee and Manuscript Author
Funding Amount: \$28,000,000.00

U18-HS10389-04 (Saag KG, PI) 09/30/2003 – 09/29/2007
AHRQ
UAB Center for Education and Research on Therapeutics of Musculoskeletal Diseases
Project: Secondary Prevention of Osteoporotic Fractures in Nursing Homes
Role: Investigator (08/02 – 03/05)
Funding Amount: \$ 2,549,605.00

R01 HL70786-02 (Kiefe CI, PI) 09/15/2002 – 08/31/2008
NIH/NHLBI
MI-Plus: Improving the Care of Post-MI Patients with Co-Morbidities
Role: Investigator
Funding Amount: \$ 3,217,164.00

(Levine DA, PI) 09/01/2008 – 03/30/2009
Research Advisory Council, Ohio Family Health Survey
The Impact of Increased Cardiovascular Disease Prevalence on Caregiver Burden in Ohio
Role: Principal Investigator
Funding Amount: \$34,736.00

NCT00263042 (Topol, PI; Slivka A, Site PI) 12/01/2005 – 04/30/2009
Sanofi-Aventis (ClinicalTrials.gov)
CRESCENDO: Comprehensive Rimonabant Evaluation Study of Cardiovascular ENDpoints and Outcomes
Role: Investigator (05/08 – 02/09)
Funding Amount: unrestricted

IIR 04-266 (Safford MM, PI) 01/02/2006 – 01/01/2010
VA HSR&D
YSoHI? Why are Intermediate Outcomes in Diabetes So High?
Role: Investigator
Funding Amount: \$812,850.00

SDR 03-090 (Funkhouser E, PI) 09/15/2003 – 06/30/2010
VA HSR&D
MI-Plus: Web-enhanced Guideline Implementation for Post MI CBOC Patients
Role: Co-Principal Investigator (12/04 – 07/07); Investigator (07/07 – present)
Funding Amount: \$1,364,609.00

Honors and Awards

1992 Garcelon-Merritt Medical Scholarship, Bowdoin College, Brunswick, ME
1992 Phi Beta Kappa, Bowdoin College, Brunswick, ME
1993 E.K. Van Swearingen Medical Scholarship, Bowdoin College, Brunswick, ME
1993 Springer-Verlag New York Book Award, Mount Sinai School of Medicine, New York, NY
1994 E.K. Van Swearingen Medical Scholarship, Bowdoin College, Brunswick, ME
1995 Milton B. Rosenbluth Foundation Travel and Research Scholarship
1995 Ciba-Geigy Community Service Award, Mount Sinai School of Medicine, New York, NY
1996 Community Service Award, Medical Society of the State of New York
1996 Commendation, Leah J. Dickstein, M.D. Award, Association of Women Psychiatrists
1996 Urban Health Initiative Community Service Award, New York Academy of Medicine
2003 Department of Medicine Top Ten Teacher Award for Excellence in Teaching, University of Alabama at Birmingham School of Medicine, AL
2004 Junior Faculty Teaching Award, Department of Medicine, University of Alabama at Birmingham School of Medicine, AL
2004 Best Overall Clinical Instructor, Class of 2005 Award, University of Alabama at Birmingham School of Medicine, AL
2007 Winner, Poster Competition, **Levine DA**, Allison JJ, Kiefe CI. Assessing Access to Care of US Stroke Survivors Using the National Health Interview Survey. Commemoration of the National Health Interview

- Survey's 50th Anniversary, National Center for Health Statistics, Hyattsville, MD
- 2008 Recipient, National Institutes of Health (NIH) Health Disparities Loan Repayment Program (LRP). Proposal Title, "Understanding and Reducing Racial and Ethnic Disparities in Stroke".
- 2011 Recipient, National Institutes of Health (NIH) Health Disparities Loan Repayment Program (LRP). Proposal Title, "Disparities in Stroke and Poststroke Cognitive Decline".
- 2011 International Award for Publishing Excellence in the Journal of Clinical Endocrinology & Metabolism from the Endocrine Society, for article, Lakoski SG, Lee AH, Muntner P, Judd SE, Safford MM, **Levine DA**, Howard G, Cushman M. Adiposity, inflammation, and risk of death in black and white men and women in the US: the REGARDS study. Journal of Clinical Endocrinology & Metabolism. 2011;96(6):1805-14.
- 2012 Notable publications in Clinical Informatics, November 2011 - October 2012. Topic Area: Computerized Clinical Decision Support, Cardiovascular Diseases, for article, **Levine DA**, et. al., Improving care after myocardial infarction using a 2-year internet-delivered intervention: the Department of Veterans Affairs myocardial infarction-plus cluster-randomized trial. Arch Intern Med. 2011 Nov 28;171(21):1910-7. Presented at the Year in Review session at the American Medical Informatics Association Symposium, Tuesday November 6, 2012. Available at: <http://faculty.washington.edu/dmasys/YearInReview/2012index.html>

Memberships in Professional Societies

- 1993 – 1996 Associate Fellow, New York Academy of Medicine, New York, NY
- 2000 – 2002 Newell Medical Delivery Organization, Newton Wellesley Hospital, Newton, MA
- 2002 – 2004 Birmingham Clinical Club, Member; Secretary/Treasurer, 2004
- 2002 – present Society of General Internal Medicine
- 2002 – present American College of Physicians/American Society of Internal Medicine
- 2004 – present American Heart Association/American Stroke Association
- 2005 – present Delta States Stroke Consortium
- 2012 – present Association of American Medical Colleges (AAMC) Group on Women in Medicine and Science

Editorial Positions, Boards, and Peer-Review Service

- 2005 – 2007 Journal of the National Medical Association
- 2006 – 2007 Academic Medicine
- 2006 – present Stroke
- 2006 – present Medical Care
- 2006 – present Journal of General Internal Medicine
- 2006 – present American Journal of Epidemiology
- 2010 – present Coronary Artery Risk Development in Young Adults (CARDIA) Study

2012 – present Journal of Stroke and Cerebrovascular Diseases
2012 – present Neurology

Leadership Training

2012 Association of American Medical Colleges (AAMC) Early Career Women Faculty Professional Development Seminar, Potomac, MD

Teaching

2000 – 2002 Ward Teaching Attending, Internal Medicine Service, Newton Wellesley Hospital, Newton, MA

2002 – 2007 Faculty Mentor, Curriculum Vitae Preparation and Job Searching, Internal Medicine Residency Program, University of Alabama at Birmingham School of Medicine, AL

2004 – 2007 Faculty Mentor for Medical Student Group, University of Alabama at Birmingham School of Medicine, AL

2005 Instructor, “Getting Your Vignette Published in JGIM and Other Journals: A Step-By-Step Approach” Workshop, 2005 National Society of General Internal Medicine Meeting, New Orleans, LA

2007 – 2008 Guest Lecturer, Health Services Research Course and Operations Management for Health Services Organizations Course, Ohio State University College of Public Health, Columbus, OH

2007 – 2009 Faculty Advisor, Journal Club, Internal Medicine Residency Program, Ohio State University College of Medicine, Columbus, OH

10/2007 – 05/2009 Co-advisor and PhD Dissertation Committee Member for Sudeep Karve MS, Ohio State University College of Pharmacy, Columbus, OH. Dissertation, “Evaluation of Ischemic Stroke-Related Healthcare Utilization Trends Using Recent National Data: 2000 – 2005.”

01/2009 – 06/2009 Faculty Mentor and PhD Dissertation Committee Member for Margie Neidecker MEng, RN, Ohio State University College of Pharmacy, Columbus, OH. Dissertation, “Patterns of Medication Use and Related Health Care Service Utilization Associated with Vaginal Estrogen Therapy in Medicaid-Enrolled Women.”

2009 Co-Instructor, Health Services Research Course, HSMP 870.01, Ohio State University College of Public Health, Columbus, OH

2009 – present Faculty Advisor, Stroke Program Clinical Journal Club, Department of Neurology, University of Michigan School of Medicine, Ann Arbor, MI

2011 Small Group Leader, Medical Decision Making/EBM Course, "Patients and Populations", University of Michigan School of Medicine, Ann Arbor, MI

2012 Mentor, Association for Women in Science, University of Michigan, Ann Arbor, MI

2012 – present Mentor for James M. Walter, MD, University of Michigan Internal Medicine Residency Program, Ann Arbor, MI on project, “Mortality Risks of Smoking in Community-Dwelling US Stroke Survivors.”

2012 – present Mentor for Kori Sauser, MD, University of Michigan Robert Wood Johnson Clinical Scholars Program, Ann Arbor, MI

Committee, Organizational, and Volunteer Service

Institutional:

1990 – 1992	Student Judiciary Board, Vice Chair, Bowdoin College, Brunswick, ME
1991 – 1992	Student Presidential Search Committee, Bowdoin College, Brunswick, ME
1992 – 1994	Director, Urban Health Care Program, Mount Sinai School of Medicine, New York, NY
2000 – 2002	Education Committee, Newton Wellesley Hospital, Newton, MA
2000 – 2002	Pharmacy and Therapeutics Committee, Newton Wellesley Hospital, Newton, MA
2000 – 2002	Cancer Care Committee, Newton Wellesley Hospital, Newton, MA
2004 – 2007	Internal Medicine Intern Selection Committee, University of Alabama at Birmingham School of Medicine, AL
2005 – 2007	Theatre Advisory Committee, University of Alabama at Birmingham, AL
2006 – 2007	Health Services Research Training Program Liaison Committee, University of Alabama at Birmingham, AL
2006 – 2007	Internal Medicine Residency Restructuring Committee, University of Alabama at Birmingham, AL
2007	Judge, 23 rd Annual Department of Medicine Trainee Research Symposium, University of Alabama at Birmingham, AL
2007 – 2008	Internal Medicine Intern Selection Committee, Ohio State University College of Medicine, Columbus, OH
2008 – 2009	Stroke/Cerebrovascular Disease State Committee, Ohio State University, Columbus, OH
2009 – present	Internal Medicine Intern Selection Committee, University of Michigan School of Medicine, Ann Arbor, MI
2011 – present	Co-Chair, Venous Thromboembolism Prophylaxis Sub-Group, HOPE Initiative, Ann Arbor VA Medical Center, Ann Arbor, MI
2011 – present	Interviewer, The Robert Wood Johnson Foundation Clinical Scholars Program, University of Michigan, Ann Arbor, MI
2012 – present	Member, Workgroup on Center Intellectual Activities, VA Center for Clinical Management Research, Ann Arbor VA Medical Center, Ann Arbor, MI
2012 – present	University of Michigan Health System Vascular Disease Quality Improvement Committee, University of Michigan, Ann Arbor, MI

Regional:

1993 – 1994	Chairperson, Urban Health Initiative, New York Academy of Medicine, New York, NY
1994	Chairperson, Urban Health Initiative Community Service Forum, New York Academy of Medicine, New York, NY
2004 – 2007	Heart and Stroke Task Force, Birmingham VA Medical Center, American Heart Association, Metro Birmingham Division, Birmingham, AL
2008 – 2009	Member, Power To End Stroke Task Force, American Heart Association/American Stroke Association, Great Rivers Affiliate, Columbus, OH

National:

2005 – 2007 State Chairperson, Ask Your Doctor Campaign, National Stroke Association
2005 Clinical Vignettes Committee, Society of General Internal Medicine
2007 – present Member, VA Stroke QUERI, Risk Factor Management Workgroup
2008 Co-Chair, Quality of Care/Patient Safety Abstract Committee, 31st Annual Society of General Internal Medicine Annual Meeting, Pittsburgh, PA
2010 – present Coronary Artery Risk Development in Young Adults (CARDIA) Study
New Investigators Committee (2010-), Cognitive Function Subcommittee (2012-present), Endpoints Surveillance & Adjudication Subcommittee (2012-present)
2011 – present American Academy of Neurology Initiative on Young Stroke, Member
2011 – present Joint Commission, Speak Up About Stroke Campaign, Expert Discussant on Secondary Stroke Prevention

International:

2009 – present Member, Abstract Grading Subcommittee, International Stroke Conference

Research Study:

2011 – present REasons for Geographic And Racial Differences in Stroke (REGARDS) Study Cognitive Function Committee
2012 – present Coronary Artery Risk Development in Young Adults (CARDIA) Study Cognitive Function Committee
2012 – present Coronary Artery Risk Development in Young Adults (CARDIA) Study Endpoints Surveillance & Adjudication Subcommittee
2013 – present Member, Program Advisory Committee (PAC) of the Kaiser Permanente Northern California (KPNC) - University of California San Francisco (UCSF) Stroke Prevention/Intervention Research Program (SPIRP)

Volunteer Service:

1992 – 1994 Rape Crisis Advocate, New York, NY
1992 – 1994 Volunteer and Project Organizer, New York Care, New York, NY
1993 Founder/Director, Homeless Shelter Project, Kingsbridge Women's Assessment Center, Bronx, NY
1995 Founder/Director, Mount Sinai Advocacy Program, Union Settlement Johnson Counseling Center, New York, NY
2002 – 2007 University of Alabama at Birmingham Faculty Women's Club
2008 – 2009 Stroke Ambassador, American Heart Association/American Stroke Association, Great Rivers Affiliate, Columbus, OH
2009 – present University of Michigan Faculty Women's Club, Ann Arbor, MI

Consulting Positions

06/2008 – 03/2011 Consultant, Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study (NINDS 3U01NS041588-04S1; Howard G, PI; 09/19/2001 – 07/31/2010), Stroke Adjudicator.

11/2009 – present Consultant, Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke (POINT) Trial, a Randomized, Double-blind, Multi-center Clinical Trial. (NINDS 1U01S062835-01A1; Johnston SC/Easton JD, Multiple PIs; 09/01/2009-06/30/2016), Cardiovascular Event Adjudicator.

Visiting Professorships, Seminars, and Extramural Invited Presentations

03/18/1994 Keynote Speaker, Urban Health Initiative Community Service Forum. Lecture: "A Change in Weather: A Medical Student's Perspective on Community Service". New York Academy of Medicine, NY

12/06/2005 Faculty, University of Alabama at Birmingham – Montgomery Internal Medicine Residency Noon Conference. Lecture: "Primary and Secondary Stroke Prevention".

10/02/2007 Faculty, Operation Stroke Update 2007: Best Practices in Prevention and Treatment. Lecture: "Reduced Medication Access: A Marker for Vulnerability in US Stroke Survivors". Inova Health System, Falls Church, VA.

12/07/2007 "Secondary Prevention of Acute Ischemic Stroke: The Effectiveness of Four Drugs". Roudebush VA Medical Center, Indianapolis, IN

04/17/2008 Department of Medicine Grand Rounds Lecture: "Reduced Medication Access: A Marker for Vulnerability in US Stroke Survivors". Ohio State University, Columbus, OH

10/15/2008 Faculty, Premier Health Care Services Conference Series: Seconds to Minutes Emergencies: Is Your Hospital Stroke Ready? Lecture: "Secondary Stroke Prevention". Premier Health Care Services, Newark, OH

02/25/2010 Faculty, Invited Symposium: Secondary Prevention Adherence: Identifying Barriers and Novel Strategies for Improvement. Lecture: "Cost-Related Nonadherence to Medication among US Stroke Survivors: Prevalence, Consequences, Implications." 2010 International Stroke Conference, San Antonio, TX

08/25/2010 Department of Neurology Grand Rounds Lecture: "Cost-Related Nonadherence to Medication among US Stroke Survivors: Prevalence, Implications, and Strategies", University of Michigan Medical School, Ann Arbor, MI

Bibliography

Peer-Reviewed Journals and Publications:

1. Smalheiser S, **Levine DA**. An "inexcusable" case of muscle rigidity and shortness of breath. *Ann Intern Med*. 2004;141(2):162-3.
2. **Levine DA**, Saag KG, Casebeer LL, Colon-Emeric C, Lyles KW, Shewchuk RM. Using a modified nominal group technique to elicit director of nursing input for an osteoporosis intervention. *J Am Med Dir Assoc*. 2006;7(7):420-5. PMID: 1839832.
3. Maron R, **Levine D**, Dobbs TE, Geisler WM. Two cases of pott disease associated with bilateral psoas abscesses: case report [literature review]. *Spine*. 2006;31(16):E561-4.
4. Colon-Emeric C, Lyles KW, **Levine DA**, House P, Schenck A, Gorospe J, Fermazin M, Oliver K, Alison J, Weisman N, Xie A, Curtis JR, Saag K. Prevalence and predictors of

- osteoporosis treatment in nursing home residents with known osteoporosis or recent fracture. *Osteoporos Int.* 2007;18(4):553-9. PMID: 1839837.
5. Colon-Emeric CS, Lyles KW, House P, **Levine DA**, Schenck AP, Allison J, Gorospe J, Fermazin M, Oliver K, Curtis JR, Weissman N, Xie A, Saag KG. Randomized trial to improve fracture prevention in nursing home residents. *Am J Med.* 2007;120(10):886-92. PMID: 2288656.
 6. Houston TK, Funkhouser E, Allison JJ, **Levine DA**, Williams OD, Kiefe CI. Multiple measures of provider participation in Internet delivered interventions. *Stud Health Technol Inform.* 2007;129(Pt 2):1401-5.
 7. **Levine DA**, Kiefe CI, Houston TK, Allison JJ, McCarthy EP, Ayanian JZ. Younger stroke survivors have reduced access to physician care and medications: National Health Interview Survey from years 1998 to 2002. *Arch Neurol.* 2007;64(1):37-42.
 8. **Levine DA**, Kiefe CI, Howard G, Howard VJ, Williams OD, Allison JJ. Reduced medication access: a marker for vulnerability in US stroke survivors. *Stroke.* 2007;38(5):1557-64.
 9. Safford MM, Halanych JH, Lewis CE, **Levine D**, Houser S, Howard G. Understanding racial disparities in hypertension control: intensity of hypertension medication treatment in the REGARDS study. *Ethn Dis.* 2007;17(3):421-6.
 10. **Levine DA**, Allison JJ, Cherrington A, Richman J, Scarinci IC, Houston TK. Disparities in self-monitoring of blood glucose among low-income ethnic minority populations with diabetes, United States. *Ethn Dis.* 2009;19(2):97-103. PMC not required.
 11. Sales AE, Tipton EF, **Levine DA**, Houston TK, Kim Y, Allison J, Kiefe CI. Are comorbidities associated with guideline adherence? The MI-Plus study of Medicare patients. *J Gen Intern Med.* 2009;24(11):1205-10. PMID: 2771234.
 12. Schoen MJ, Tipton EF, Houston TK, Funkhouser E, **Levine DA**, Estrada CA, Allison JJ, Williams OD, Kiefe CI. Characteristics that predict physician participation in a Web-based CME activity: the MI-Plus study. *J Contin Educ Health Prof.* 2009;29(4):246-53. PMID: 3155512.
 13. Brenner DA, Zweifler RM, Gomez CR, Kissela BM, **Levine D**, Howard G, Coull B, Howard VJ. Awareness, treatment, and control of vascular risk factors among stroke survivors. *J Stroke Cerebrovasc Dis.* 2010;19(4):311-20. PMC in process.
 14. Salanitro AH, Funkhouser E, Agee BS, Allison JJ, Halanych JH, Houston TK, Litaker MS, **Levine DA**, Safford MM. Multiple uncontrolled conditions and blood pressure medication intensification: an observational study. *Implement Sci.* 2010;5:55. PMID: 2914084.
 15. Funkhouser E, Houston TK, **Levine DA**, Richman J, Allison JJ, Kiefe CI. Physician and patient influences on provider performance: beta-blockers in postmyocardial infarction management in the MI-Plus study. *Circ Cardiovasc Qual Outcomes.* 2011;4(1):99-106. PMID: 3099457.
 16. Karve SJ, Balkrishnan R, Mohammad YM, **Levine DA**. Racial/ethnic disparities in emergency department waiting time for stroke patients in the United States. *J Stroke Cerebrovasc Dis.* 2011;20(1):30-40. PMC not required.
 17. **Levine DA**, Calhoun DA, Prineas RJ, Cushman M, Howard VJ, Howard G. Moderate waist circumference and hypertension prevalence: the REGARDS study. *Am J Hypertens.* 2011;24(4):482-8. Epub 2011 Jan 13. doi:10.1038/ajh.2010.258. PMC in process.

18. **Levine DA**, Lewis CE, Williams OD, Safford MM, Liu K, Calhoun DA, Kim Y, Jacobs DR, Jr., Kiefe CI. Geographic and demographic variability in 20-year hypertension incidence: the CARDIA study. *Hypertension*. 2011;57(1):39-47. PMID: PMC3057218.
19. **Levine DA**, Neidecker MV, Kiefe CI, Karve S, Williams LS, Allison JJ. Racial/ethnic disparities in access to physician care and medications among US stroke survivors. *Neurology*. 2011;76(1):53-61. PMID: 3030224.
20. Lakoski SG, Lee AH, Muntner P, Judd SE, Safford MM, **Levine DA**, Howard G, Cushman M. Adiposity, inflammation, and risk of death in black and white men and women in the US: the REGARDS study. *Journal of Clinical Endocrinology & Metabolism*. 2011;96(6):1805-14. Epub 2011 Mar 23. DOI: 10.1210/jc.2010-3055. PMID: PMC3100756.
21. O'Brien JM, Lu B, Ali NA, **Levine DA**, Aberegg SK, Lemeshow S. Insurance type and sepsis-associated hospitalizations and sepsis-associated mortality among U.S. adults: a retrospective cohort study. *Critical Care*. 2011;15:R130. Epub 23 May 2011. DOI: 10.1186/cc10243. PMID: PMC3218996.
22. **Levine DA**, Langa KM. Vascular cognitive impairment: disease mechanisms and therapeutic implications. *Neurotherapeutics*. 2011;8(3):361-73. Epub 2011 10 May. DOI: 10.1007/s13311-011-0047-z. PMID: PMC3167237.
23. Funkhouser EM, **Levine DA**, Gerald JK, Houston TK, Johnson-Roe, NK, Allison JJ, Kiefe CI. Recruitment activities for a nationwide, population-based group-randomized trial: the VA MI-Plus study. *Implementation Science* 2011;6:105. PMID: PMC3184080.
24. Rogers MAM, **Levine DA**, Blumberg N, Fisher GG, Kabeto M, Langa KM. Antigenic challenge in the etiology of autoimmune disease in women. *Journal of Autoimmunity*. Epub 2011 August 30. DOI:10.1016/j.jaut.2011.08.001. PMID: PMC3242155.
25. **Levine DA**, Funkhouser EM, Houston TK, Gerald J, Johnson-Roe N, Allison JJ, Richman J, Kiefe CI. Improving care after myocardial infarction using a 2-year Internet-delivered intervention: the Department of Veterans' Affairs Myocardial Infarction-Plus cluster-randomized trial. *Arch Intern Med*. 2011;171(21):1910-1917. PMC in process.
26. Karve S, Balkrishnan R, Seiber E, Nahata M, **Levine DA**. Population trends and disparities in outpatient utilization of neurologists for ischemic stroke. *Journal of Stroke and Cerebrovascular Diseases*. Available online 22 December 2011. <http://dx.doi.org/10.1016/j.jstrokecerebrovasdis.2011.11.004>. PMC not required.
27. Rogers AM, **Levine DA**, Blumberg N, Flanders SA, Chopra VI, Langa KM. Triggers of Hospitalization for Venous Thromboembolism. *Circulation* 2012;125(17):2092-9. Epub 2012 Apr 3.
28. **Levine DA**, Haan MN, Langa KM, Morgenstern LB, Neuhaus J, Lee A, Lisabeth LD. impact of gender and blood pressure on post-stroke cognitive decline among older Latinos: the Sacramento Area Latino Study on Aging (SALSA) Study. In press at *J Stroke Cerebrovasc Dis*. Epub 2012 Jun 27.
29. Karve SJ, **Levine DA**, Seiber E, Nahata M, Balkrishnan R. Trends in ambulatory prescribing of antiplatelet therapy among US ischemic stroke patients: 2000-2007. In press at *Advances in Pharmacological Sciences*.
30. **Levine DA**, Morgenstern LB, Langa KM, Piette JD, Rogers MAM, Karve SJ. Recent trends in cost-related medication nonadherence among US stroke survivors. In press at *Annals of Neurology*.

31. Judd S, Aaron KJ, Letter AJ, Muntner P, Jenny NS, Campbell RC, Kabagambe EK, Levitan EB, **Levine DA**, Shikany JM, Safford M, Lackland DT. High sodium-to-potassium intake ratio increases risk for all-cause mortality – is it time for public health intervention?:the Reasons for Geographic and Racial Differences in Stroke (REGARDS) study. In press at J Nutritional Science.
32. Davydow DS, Hough CL, **Levine DA**, Langa KM, Iwashyna TJ. The Hidden Costs of Pneumonia: Associations with Functional Disability, Cognitive Impairment, and Depression. In press at the American Journal of Medicine.

Non Peer-Reviewed Publications:

1. **Levine DA**, et al. “Experiencia en El Diagnostico y Tratamiento de Pacientes con Diabetes Mellitus en Una Comunidad Urbano Marginado: Encuentro de Investigacion Biomedica.” *Memorias*, Facultad de Medicina de la Universidad Autonoma de Nuevo Leon, October 1995. Letter to Editor.
2. **Levine DA**, Karve S, Seiber E, Dembe A, Slivka A, Lu B. Informal caregiver assistance among adults with cardiovascular disease in Ohio. State of Ohio: Department of Insurance, Department of Job and Family Services, Department of Health, and Department of Mental Health. Ohio Family Health Survey, 2008-09. Ohio State University, Ohio Colleges of Medicine Government Resource Center, 2009. Columbus, Ohio. Epub 6 May 2009.
3. **Levine DA**, Prineas RJ. Response to "waist circumference and hypertension: also applicable in diabetic patients?". *Am J Hypertens*. 2011;24(9):961. DOI: 10.1038/ajh.2011.107.

Other Media:

1. **Levine DA**. “The effects of tributyltin on the anaerobic metabolism of the mussel, *Mytilus edulis*, using high performance liquid chromatography.” Thesis in Chemistry. Bowdoin College, 1992.
2. **Levine DA**. “A unique community-based HIV support services program located in East Harlem: the evaluation of client outcome and the role of service-driven research.” Department of Community Medicine, Mount Sinai School of Medicine, March 1995.

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2. Colón-Emeric C, Casebeer L, Saag K, Allison J, **Levine D**, Suh T, Lyles KW. Barriers to providing osteoporosis care in skilled nursing facilities: perceptions of medical directors and directors of nursing. *J Am Med Dir Assoc*. 2005;6(3 Suppl):S61-6.
3. **Levine DA**, Kiefe CI, Howard G, Howard VJ, Williams OD, Allison JJ. Reduced medication access: a marker for vulnerability in US stroke survivors. *Stroke*. 2007;38(2):479.
4. **Levine DA**, Safford MM, Allison JJ, Houston TK, Reker DM, King PH, Williams LS, Litaker MS, Kiefe CI. Long-term use of secondary stroke prevention therapies among US Veterans. *Stroke*. 2007;39(2):531.
5. **Levine DA**, Balkrishnan R, Slivka A, Karve S, Williams LS, Allison JJ. Racial/ethnic differences in access to physician care and medications among US stroke survivors. *Stroke*. 2007;39(2):705.
6. Brenner DA, Zweifler RM, Gomez CR, Kissela BM, **Levine DA**, Howard G, Coull B, Howard VJ. Inadequate awareness and control of vascular risk factors in stroke patients: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study. *Stroke*. 2007;39(2):630.
7. **Levine DA**, Allison JJ, Cherrington A, Richman J, Scarinci IC, Houston TK. Self-monitoring of blood glucose by race/ethnicity and income in US adults with insulin-treated diabetes. *Circulation*. 2008;117(11):e272. doi:10.1161/CIRCULATIONAHA.107.189344
8. **Levine DA**, Lewis CE, Safford MM, Liu K, Calhoun DA, Williams OD, Kiefe CI. Racial and regional variations in the incidence of hypertension: 20-year follow-up in the CARDIA Study. *Circulation*. 2008;117(11):e263. doi:10.1161/CIRCULATIONAHA.107.189344
9. **Levine DA**, Calhoun DA, Prineas RJ, Cushman M, Howard VJ, Howard G for the REasons for Geographic And Racial Differences in Stroke (REGARDS) Investigators. Marginally increased waist circumference predicts hypertension prevalence among normal and overweight adults: The REGARDS Study. *Circulation*. 2008;117(11):e206. doi:10.1161/CIRCULATIONAHA.107.189344
10. Karve S, **Levine DA**, Balkrishnan R. Pre and post stroke statin use and associated healthcare costs among elderly stroke survivors. International Society for Pharmacoeconomics and Outcomes Research. 13th Annual International Meeting, May 3-7, 2008. Toronto, ON, Canada
11. Karve S, **Levine DA**, Balkrishnan R. Physician characteristics associated with stroke related outpatient care utilization: analysis of the national ambulatory medical care survey data 2000 – 2005. International Society for Pharmacoeconomics and Outcomes Research. 13th Annual International Meeting, May 3-7, 2008. Toronto, ON, Canada.
12. Karve SJ, Balkrishnan R, **Levine DA**. Long emergency department waiting times among black ischemic stroke patients. 2009 International Stroke Conference, February 18-20, 2009, Dan Diego, CA.

13. **Levine DA**, Allison JJ, Safford MM, Houston TK, Reker DM, King PH, Williams LS, Kiefe CI. One-year outcomes among US Veterans with acute ischemic stroke. 2009 International Stroke Conference, February 18-20, 2009, San Diego, CA.
14. Funkhouser EM, Johnson-Roe NK, **Levine DA**, Kiefe CI, Houston TK. Proportion of allied health professionals in CBOCs and association with post-myocardial infarction (MI) performance measures: the VA MI-Plus Study. 2009 VA HSR&D Conference, February 11-13, 2009, Baltimore, MD.
15. Brenner DA, Zweifler RM, Gomez CR, Kissela BM, **Levine DA**, Howard G, Coull B, Howard VJ. Behavioral risk factors in stroke patients: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study. 2009 American Academy of Neurology, April 30, 2009, Seattle, WA.
16. Karve S, **Levine DA**, Balkrishnan R. Demographic risk factors for stroke related ambulatory care utilization: analysis of United States National Data 2000 – 2005. International Society for Pharmacoeconomics and Outcomes Research. 13th Annual International Meeting, May 30-31, 2008, Toronto, ON, Canada.
17. **Levine DA**, Mulhorn KA. The association of health care access and mortality in US stroke survivors. 2008 Réseau Esperance de Vie en Sante (REVES), May 7-9, 2008, Manila, Philippines.
18. Salanitro AH, Funkhouser EM, Litaker MS, Andreae SJ, Halanych JH, Allison JJ, **Levine DA**, Houston TK, Safford MM. Multiple uncontrolled comorbid conditions and medication intensification. 2009 VA HSR&D Conference, Baltimore, MD, February 11-13, 2009.
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20. **Levine DA**, Mulhorn KA. Level of functioning and mortality among US stroke survivors. 19th International Association of Gerontology and Geriatrics (IAGG) World Congress of Gerontology and Geriatrics in Paris, France, July 5-9, 2009.
21. **Levine DA**, Langa KM, Mulhorn KA. Is access to care associated with mortality in US stroke survivors? 2010 International Stroke Conference, February 24-26, 2010, San Antonio, TX.
22. Karve S, **Levine DA**, Seiber E, Nahata M, Balkrishnan R. Declining ischemic stroke-related inpatient utilization: recent trends analysis of United States National Data 2000 – 2005. 2010 International Society for Pharmacoeconomics and Outcomes Research, May 15-19, 2010, Atlanta, GA.
23. Lakoski SG, Le A, Muntner P, Judd SE, Safford MM, **Levine DA**, Howard G, Cushman M. Adiposity, Inflammation, and Risk for Death in Black and White Men and Women in the US: The REasons for Geographic And Racial Differences in Stroke (REGARDS) Study. 2010 AHA Scientific Sessions, November 13-17, 2010, Chicago, IL.
24. **Levine DA**, Langa KM, Haan MN, Morgenstern LB, Lisabeth LD. Impact of Gender and Blood Pressure on Post-Stroke Cognitive Decline among Older Latinos: The Sacramento Area Latino Study on Aging (SALSA) Study. 2011 International Stroke Conference, February 9-11, 2011, Los Angeles, CA.
25. **Levine DA**, Morgenstern LB, Langa KM, Piette JD, Karve SJ. Cost-Related Nonadherence to Medication among US Stroke Survivors after Medicare Part D

- Implementation. Accepted and one of the top three scoring abstracts to 2011 International Stroke Conference, February 9-11, 2011, Los Angeles, CA.
26. Kissela BM, Judd S, Safford M, Voeks J, Rhodes D, Kleindorfer D, Meschia J, Anderson A, **Levine D**, Moy C, Howard VJ, Howard G. Effect of Diabetes (DM) on Ischemic Stroke Incidence and Case Fatality. 2011 International Stroke Conference, February 9-11, 2011, Los Angeles, CA.
 27. Funkhouser EM, **Levine DA**, Houston TK, Gerald J, Johnson-Roe N, Allison JJ, Richman J, Kiefe CI. A Group Randomized Trial of an Internet-Delivered Intervention Improved Lipid and Diabetes Control in Veterans with Myocardial Infarction: VA MI-Plus. 2011 VA HSR&D Meeting, February 16-18, 2011, National Harbor, MD.
 28. Judd SE, Muntner P, Campbell R, Kabagambe E, Levitan E, **Levine DA**, Shikany JM, Safford MM, Lackland DT. Racial differences in the association of sodium intake with all-cause mortality: Is it time for updated guidelines? 2011 AHA CVD Epidemiology Meeting, March 23-25, 2011, Atlanta, GA.
 29. Funkhouser EM, **Levine DA**, Houston TK, Gerald J, Johnson-Roe N, Allison JJ, Richman J, Kiefe CI. Patient Improvements in a Randomized Improvement Trial. 4th Annual NIH Conference on the Science of Dissemination and Implementation, March 21-22, 2011, Bethesda, MD.
 30. **Levine DA**, Morgenstern LB, Langa KM, Skolarus LE, Smith MA, Lisabeth LD. Ethnic Comparisons in Pre-Stroke Awareness and Treatment of Hypertension in Stroke Subjects: Modification by SES and Acculturation. 2012 International Stroke Conference, Feb 1-3, 2012, New Orleans, LA.
 31. Gillett SR, Letter AJ, McClure LA, Wadley VG, Unverzagt FW, Kissela BM, Kennedy RE, Glasser SP, **Levine DA**, Cushman M. An Approach for Defining Cognitive Decline in Epidemiologic Studies. Poster presented at American Heart Association Cardiovascular Disease Epidemiology and Prevention 2011 Scientific Session, March 24, 2011, San Diego, CA.
 32. **Levine DA**, Kabeto M, Langa KM, Lisabeth LD, Rogers MA, Galecki AT. Racial Differences in Cognitive Decline: The Influence of Stroke. 2012 Pepper Older Americans Independence Center Annual Meeting, April 16-17, 2012, Bethesda, MD.
 33. Skolarus LE, Sanchez BN, **Levine DA**, Kerber KA, Morgenstern LB, Smith MA, Lisabeth LD. Body Mass Index and Mortality in Acute Ischemic Stroke. Accepted to 2012 American Neurological Association Annual Meeting, October 7-9, 2012, Boston, MA.
 34. **Levine DA**, Kabeto M, Langa KM, Lisabeth LD, Rogers MAM, Galecki AT. Racial Differences in Cognitive Impairment: The Influence of Stroke. 2012 Summit on the Science of Eliminating Health Disparities, National Institutes of Health (NIH)/ National Institute on Minority Health and Health Disparities (NIMHD), October 31-November 3, 2012, National Harbor, MD.
 35. Skolarus LE, Lisabeth LD, Morgenstern LB, **Levine DA**, Brown DL. Racial and Ethnic Differences in Post-stroke Depression among Community Dwelling Adults. 2012 Summit on the Science of Eliminating Health Disparities, National Institutes of Health (NIH)/ National Institute on Minority Health and Health Disparities (NIMHD), October 31-November 3, 2012, National Harbor, MD. 2012 American Neurological Association Annual Meeting, October 7-9, 2012, Boston MA.

36. Meurer WJ, **Levine DA**, Kerber KA, Burke J, Baek J, Sanchez BN, Smith MA, Morgenstern LB, Lisabeth LD. Neighborhood Influences on Emergency Medical Services Use for Acute Stroke – A Population-based Cross Sectional Study. (accepted to 2013 International Stroke Conference, February 6-8, 2013, Honolulu, HI)
37. Wadley VG, McClure LA, Gillett S, Unverzagt FW, Kennedy R, **Levine DA**, Kelley B, Kissela B, Cushman M. ApoE e4 Status and Incident Cognitive Decline among U.S. adults from the Reasons for Geographic and Racial Differences in Stroke (REGARDS) study. (accepted to 2013 International Stroke Conference, February 6-8, 2013, Honolulu, HI)
38. Sidney S, Jacobs DR, Liu K, **Levine D**, Bibbins-Domingo K, Nguyen-Huynh M, Lima J, Lewis CB. 24-Year Risk of Stroke in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. (accepted to Epidemiology and Prevention, Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions, March 19-22, 2013, New Orleans, LA)
39. Davydow DS, Hough CL, **Levine DA**, Langa KM, Iwashyna TJ. The Hidden Costs of Hospitalization for Pneumonia: Functional Disability, Cognitive Impairment, and Depression in a Prospective Cohort of Older Americans. Accepted to American Thoracic Society Meeting, May 17-22, 2013, Philadelphia, PA.
40. Min L, Blaum C, Langa KM, **Levine D**, Kerr EA. Net effect of aggressive blood pressure control on stroke and falls in older community-dwelling adults. (submitted to SGIM, , April 24-27, 2013, Denver, CO)