

Bruce Leff, M. D.

Dr. Bruce Leff, Associate Professor at the Johns Hopkins School of Medicine and the Bloomberg School of Public Health, was the Project Director of the Hospital at Home Program from its inception in 1994. In 2003, he assumed the role of principal investigator on the project. In these roles, he has directed development, implementation, and evaluation of the Hospital at Home and currently is focused on dissemination of the model in the US health system.

Dr. Leff is a leader in geriatric clinical health services research and is recognized nationally for his work in physician home care. He trains physicians in geriatrics modalities and is the Director of the Medicine Clerkship at the Johns Hopkins University School of Medicine.



BIOSKETCH

NAME		POSITION TITLE		
Bruce A. Leff, M.D.		Associate Professor of Medicine		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as</i>				
INSTITUTION AND LOCATION		DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Pennsylvania, New York University, School of Medicine, New York, NY		BA MD	1983 1987	Biology Medicine

Positions and Honors List:

1990-91	Instructor, Department of Medicine, The Johns Hopkins University School of Medicine
1992-94	Military Service, Major, Medical Corps, United States Army, Staff Internist, 121st General Hospital
	United States Army Community Hospital, Seoul, Republic of Korea, Honorable discharge, 13 July, 2000
1994-2000	Assistant Professor, Department of Medicine, Division of Geriatric of Medicine, The Johns Hopkins University School of Medicine
2000-present	Associate Professor, Department of Medicine, Division of Geriatric Medicine, The Johns Hopkins University School of Medicine
1996-present	Joint Appointment, Department of Health Policy and Management, The Johns Hopkins University Bloomberg School of Public Health

Selected Peer-Reviewed Publications:

1. **Leff B**, Henriksen RA, Owen WG: Effect of oral contraceptive use on platelet prothrombin converting (platelet factor 3) activity. *Thrombosis Research*. 15(5-6):631-8, 1979.
2. Hurewitz AN, Sidhur U, Bergofsky EH, **Leff B**, Averbuch I, Grimson R, Chanana AD: Cardiovascular and respiratory consequences of tension pneumothorax. *Bulletin European de Physiopathologie Respiratoire*. 22(6):545-9, 1986.

3. **Leff B**, Chevront N, Russell W: Discontinuing feeding tubes in a community nursing home. *The Gerontologist*. 34(1):130-3, 1994.
4. **Leff B**, Burton JR. Acute medical care in the home. Editorial in: *J Am Geriatr Soc*. 44:603-5, 1996.
5. **Leff B**, Burton L, Bynum JW, Harper M, Greenough WB, Steinwachs D, Burton JR. Prospective evaluation of clinical criteria to select older persons with acute medical illness for care in a hypothetical home hospital. *J Am Geriatr Soc*. 45(9):1066-73, 1997.
6. Burton L, **Leff B**, Harper M, Ghoshtagore I, Steinwachs D, Greenough WB, Burton JR. Acceptability to patients of a home hospital. *J Am Geriatr Soc*. 46(5):605-9, 1998.
7. Steel RK, **Leff B**, Vaitovas B. A home care annotated bibliography. *J Am Geriatr Soc*. 46(7):898-909, 1998.
8. **Leff B**, Harper GM. Exercising autonomy in an inescapable community. *Ann Long Term Care*. 6(13):439-41, 1998.
9. **Leff B**, Burton JR. Future directions: alternatives approaches to traditional hospital care – home hospital. *Clinics in geriatric medicine*. 14(4):851-61, 1998.
10. **Leff B**, Burton L, Guido S, Greenough WB, Steinwachs D, Burton JR. Home hospital program: a pilot study. *J Am Geriatr Soc*. 47:697-702, 1999.
11. **Leff B**. Shattered all. *Ann Int Med*. (“On Being a Doctor” series). 132:837-8, 2000.
12. **Leff B**, Burton JR. Integrating home care into managed care: the case for home hospital. *Ann Long Term Care*. 8 (4):34-6, 2000.
13. **Leff B**, Kaffenbarger KP, Remsburg R. Prevalence, effectiveness, and predictors of planning the place of death among older persons followed in community-based long-term care. *J Am Geriatr Soc*. 48:943-48, 2000.
14. **Leff B**, Burton JR. The future history of home care. *J Geront (medical sciences)*. 56A:M603-8, 2001.
15. **Leff B**. Involuntary weight loss. In: *Physician Information and Education Resource (PIER) web-based resource*, American College of Physicians, Philadelphia, PA, <http://pier.acponline.org/index.html>, 2001.
16. **Leff B**, Christmas C, Steel K. Perioperative evaluation and care of older gynecology patients. *Primary Care Update Ob/Gyns*. 10(5):247-52, 2003.
17. Harper GM, **Leff B**, Thomas P, Burton J. Overview of the geriatrics curriculum, Johns Hopkins University. *Acad Med*. 79:S70-1, 2004
18. Knight AM, Kravet SJ, Harper GM, **Leff B**. The effect of computerized provider order entry on medical student clerkship experiences. *JAMIA*, in press, 2005
19. **Leff B**, Burton L, Mader S, Naughton B, Burl J, Inouye SK, Greenough WB, Guido S, Langston CA, Frick KD, Steinwachs D, Burton JR. Home Hospital: a prospective quasi-experiment of the feasibility and efficacy of providing hospital-level care at home for acutely ill older patients. *Annals of Internal Medicine*, **2005;143:798-808**

Book Chapters:

1. **Leff B**, Burton JR. Treatment of acute illness at home: models of home hospital care. IN: Calkins E, Boulton C, Pacala JT, Wagner EH (Eds). *New Ways to Care for Older People: Building Systems Based on Evidence*. pp.87 – 92, 1999. Springer Publishing Co., New York.
2. **Leff B**, Steel RK. Home care: issues and innovations. IN: Evans JG, Williams TF, Beattie BL, Michael JP, Wilcock GK (Eds). *The Oxford Textbook of Geriatric Medicine*, 2nd edition. Pp 1097 – 1103, 2000. Oxford University Press, Oxford, UK.
3. **Leff B**. Community-based long-term care and home care. IN: Hazzard WR, Blass JP, Halter JB, Ouslander JG, Tinetti ME (Eds). *Principles of Geriatric Medicine and Gerontology*, Fifth Edition, Chapter 18, pp. 211 – 218, 2004. McGraw-Hill, New York.

4. Windham BG, **Leff B**. Home care. IN: Landefeld CS, Palmer R, Johnston CB, Lyons W, Johnson MA, (Eds). Current Geriatrics Diagnosis & Treatment. First ed., Chapter 6, pp 27–32, 2004. Lange, McGraw Hill, New York.
5. Weiss C, **Leff B**. Ambulatory and outpatient care. IN: Schulz R, Noelker L, Rockwood K, Weldon KA (Eds). The Encyclopaedia of Aging, 4th Edition, Springer Publishing Company, New York, In press.

Recent Abstracts:

1. **Leff B**, Burton L, Guido, Greenough WB, Burl J, Mader S, Naughton B, Donius M, Saltzman S, Delano C, Burton JR, Steinwachs D, Inouye SK Reduced Rates of Delirium Associated with Treatment in Home Hospital. Poster presentation, Gerontological Society of America meeting, November 2003, San Diego, CA.
2. **Leff B**, Burton L, Burl J, Mader S, Naughton B, Guido S, Greenough WB, Donius M, Delano C, Saltzman S, Steinwachs D, Burton JR. Functional Outcomes of Home Hospital Care Compared with Usual Hospital Care. The Johns Hopkins Home Hospital National Demonstration and Evaluation Study. Paper presentation, The Australian Society for Geriatric Medicine, Annual Scientific Meeting, Melbourne, Australia, June 16, 2003.
3. **Leff B**, L Burton, S Guido, S Mader, B Naughton, J Burl, WB Greenough, SK Inouye, K Frick, J Burton, D Steinwachs. Home Hospital: A Feasible and Efficacious Approach to Care for Acutely Ill Older Persons. The Johns Hopkins Home Hospital National Demonstration and Evaluation Study. Poster, American Geriatrics Society annual meeting, Las Vegas, NV, May 2004. J Am Geriatr Soc. 52(supp):S194,2004.
4. Fogel R, **Leff B**, Burton L, Clark B. Acutely Ill Elderly Patients Sleep Better in Home Hospital than the Acute Hospital. Poster, American Geriatrics Society annual meeting, Las Vegas, NV, May 2004. J Am Geriatr Soc. 52(supp):S199,2004.
5. Christmas C, **Leff B**, Schwartz J, Vaughn W, Finucane TE. Knowledge and Attitudes of Nursing Home Surveyors Regarding Issues Related to Nutrition and Involuntary Weight Loss. Poster, American Geriatrics Society annual meeting, Las Vegas, NV, May 2004. J Am Geriatr Soc. 52(supp):S62,2004.
6. Harper GM, **Leff B**. Medical Student Attitudes Towards and Knowledge of Older Persons – Longitudinal Survey Data. Poster, American Geriatrics Society annual meeting, Las Vegas, NV, May 2004. J Am Geriatr Soc. 52(supp):S36,2004.
7. AM Knight, MG Harper, SJ Kravet; **Leff B**. The impact of computerized provider order entry on medical student experiences during training. Poster, Society of General Internal Medicine annual meeting, May 2004.
8. AM Knight, MG Harper, SJ Kravet; **Leff B**. Medical student attitudes toward placing orders for hospitalized patients during training in the dawn of computerized provider order entry. Medinfo. 2004;2004(CD):1685.
9. Unroe KT, **Leff B**, Burton L, Mader S, Naughton B, Burl J, Steinwachs D, Burton JR. Why do older persons choose home hospital care? The Johns Hopkins Home Hospital National Demonstration and Evaluation Study. Presidential poster session, American Geriatrics Society 2005 meeting, Orlando, FL. J Am Geriatr Soc. 53(supp):S206,2005
10. Boyd CM, Shadmi R, Conwell L, Sylvia M, Boulton C, Brager R, **Leff B**, Sharfstein D. The effect of guided care on quality of care. Presidential poster session, American Geriatrics Society 2005 meeting, Orlando, FL. J Am Geriatr Soc. 53(supp):S205,2005
11. Chang JC, **Leff B**, Christmas C, Gonzalgo SR, Vaughn W, Schwartz J, Finucane TE. Weight loss and nutrition in long term care: effect of educational intervention on knowledge and attitudes of Maryland nursing home surveyors. Submitted for Gerontological Society of America, National Meeting 2005.

Research Support ongoing or completed in last 3 years:

Guided Care: Integrating High Tech and High Touch

PI: Chad Boulton, MD, MPH, MBA

Period: 7/1/04 - 6/30/09

Agency for Healthcare Research and Quality 1 RO1 HS014580-01A1, \$ 734,262

The major goals of this project are to measure the effects of Guided Care on the quality and outcomes of care for high-risk older persons, their unpaid caregivers, and their primary care physicians.

Role: Co-Investigator.

Donald W. Reynolds Consortium to Strengthen Faculty Expertise in Geriatrics in US Health Centers

PI: Christopher Durso

Period: 9/1/04 -8/30/10

Agency: The Donald W. Reynolds Foundation

\$3,000,000 total award

The major goal of this project is to strengthen geriatric education and expertise among medical students, residents, and faculty.

Role: Co-investigator

Translating Research into Practice: The Johns Hopkins Home Hospital

PI: Bruce Leff, MD

Period: 1/1/05 – 12/31/07

Agency: The John A. Hartford Foundation

\$1,638,836 total award

The major goal of this project is to disseminate the Johns Hopkins Home Hospital care model into Medicare managed care and the VA healthcare systems.

Role: Principal investigator and project director.