

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Hanson, Laura C.		Associate Professor	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Duke University, Durham, NC	BS	1982	Botany/Zoology
Harvard Medical School, Boston, MA	MD	1986	Medicine
University of North Carolina at Chapel Hill, Chapel Hill, NC	MPH	1991	Epidemiology

A. Positions and Honors

Positions and Employment (in chronological order)

1986 – 1988 Resident, PGY I-II, Brigham & Women's Hospital, Boston MA
1988 – 1989 Resident, PGY III, UNC Hospitals, Chapel Hill NC
1989 – 1991 Fellow, Geriatrics, UNC at Chapel Hill, Chapel Hill NC
1990 – 1992 Robert Wood Johnson Clinical Scholar, UNC at Chapel Hill, Chapel Hill NC
1992 – 1999 Assistant Professor, Division of General Medicine, UNC Chapel Hill NC
Associate Professor, Division of Geriatric Medicine, UNC Chapel Hill NC
2001 – Associate Faculty Scholar, Duke Institute on Care at the End of Life

Honors/Awards (in chronological order)

1997 – 1999 Soros Faculty Scholar, Project on Death in America
2001 – 2006 Listed in *America's Top Doctors*
2002 – UNC School of Medicine Teaching Excellence Award
2003 – 2004 Advisory Board Member, Epidemiology of Dying and End of Life Experience (EDELE) Project
2003 – Book of the Year Award from the American Journal of Nursing, for Henderson M, Hanson LC, Reynolds K. *Improving Nursing Home Care of the Dying* Springer Publications, 2003.

B. Selected Publications (in chronological order)

1. Hanson LC, Danis M. Use of Life-Sustaining Treatment for the Elderly. *Journal of the American Geriatrics Society* 1991;39:772-777.
2. Hanson LC, Weber DJ, Rutala WA, Samsa GS. Risk Factors for Nosocomial Pneumonia in the Elderly. *American Journal of Medicine* 1992;92:161-166.
3. Hanson LC, Danis M, Mutran E, Keenan NL. Impact of Patient Incompetence on Decisions to Use Life Sustaining Treatment. *American Journal of Medicine* 1994;42:1277-1281.
4. Hanson LC, Danis M, Lazorick S. Emergency Triage to Intensive Care: Can We Use Prognosis and Preferences? *Journal of American Geriatrics Society* 1994;42:1277-1281.
5. Hanson LC, Carolina CPC. An 82-year-old Woman with Weight Loss and Eosinophilia. *Journal of American Geriatrics Society* 1995;43:1161-1164.
6. Hanson LC, Rodgeman E. The Use of Living Wills at the End of Life: A National Study. *Archives of Internal Medicine* 1996;156:1018-1022.
7. Greganti MA, Hanson LC. Comprehensive Geriatric Assessment: Where Do We Go From Here? *Archives of Internal Medicine* 1996;156:15-17.
8. Hanson LC, Danis M, Garrett J, Mutran E. Who decides?: Physician's Willingness to Use Life-Sustaining Treatment. *Archives of Internal Medicine* 1996;156:785-789.

9. Cunnion KM, Weber DJ, Broadhead WE, Hanson LC, Pieper CF, Rutala WA. Risk factors for nosocomial pneumonia: comparing adult critical care populations. *Am Journal of Respiratory and Critical Care Medicine*. 1996;153:158-162.
10. Danis M, Mutran B, Garrett JG, Stearns SC, Slifkin RT, Hanson LC, Williams JF, Churchill LR. A Prospective Study of the Impact of Patient Preference Upon Life-Sustaining Treatment and Hospital Cost. *Critical Care Medicine* 1996;24:1811-1817.
11. Mutran EJ, Danis M, Bratton KA, Hanson LC. Attitudes of the Critically Ill Toward Prolonging Life: The Role of Social Support. *Gerontologist* 1997;37:192-99.
12. Hanson LC, Tulsy JA, Danis M. Can Clinical Interventions Change Care at the End of Life? *Annals of Internal Medicine* 1997;126:381-88.
13. Hanson LC, Danis M, Garrett J. What is Wrong With End of Life Care?: Opinions of Bereaved Family Members. *Journal of the American Geriatrics Society* 1997;45:1339-134.
14. Hanson LC, Earp J, Garrett J, Menon M, Danis M. Community Physicians Who Provide Terminal Care. *Archives of Internal Medicine*, 1999;159:1133-1138.
15. Hanson LC, Henderson M. Care of the dying in long-term care settings. *Clinics in Geriatric Medicine* 2000;16(2):225-237.
16. Baer W, Hanson LC. Families' Perceptions of the Added Value of Hospice in Nursing Homes, *Journal of the American Geriatrics Society*, 2000;48:879-882.
17. Zerzan J, Sterans S, Hanson LC. Access to Palliative Care and Hospice in Nursing Homes, *JAMA* 2000;284:2489-2494.
18. Hanson LC, Henderson M, Menon M. As individual as death itself: a focus group study of terminal care in nursing homes. *Journal of Palliative Medicine* 2002; 5:117-125.
19. Coppola S, Rosemond CA, Greger-Holt N, Soltys FG, Hanson LC, Snider MA, Busby-Whitehead J. Arena assessment: evolution of teamwork for frail older adults. *Topics in Geriatric Rehabilitation* 2002; 17:13-28.
20. Reynolds K, Henderson M, Schulman A, Hanson LC. Needs of the dying in nursing homes. *Journal of Palliative Medicine* 2002; 5:117-125.
21. Boustani M, Peterson CB, Hanson LC, Harris R, Lohr KN. Screening for dementia syndrome: a review of the evidence. *Annals of Internal Medicine*, 2003; 138:927-37.
22. Zimmerman SI, Sloane PD, Hanson LC, Mitchell CM, Shy A. Staff perceptions of end-of-life care in long-term care. *JAMDA*, 2003, Jan-Feb 4:23-26..
23. Sloane PD, Zimmerman SI, Hanson LC, Mitchell CM, Riedel-Leo C. End of life care in long term care: a comparison of nursing homes and assisted living. *JAGS*, 2003,51:1587-94.
24. Hanson LC. Creating excellent palliative care in nursing homes. *J Pall Med* 2003; 6:7-9.
25. Richy F, Gourlay ML, Garrett J, Hanson LC, Reginster JY. Osteoporosis prevalence in men varies by the normative reference. *J Clin Densitom*, Summer 2004; 7:127-33.
26. Hanson LC. Palliative care: innovation in care at the end of life. *NC Medical Journal*, 2004; 65:202-08.
27. Lewis CL, Cox CE, Garrett JM, Hanson LC, Howard A, Carey TS. Trends in the use of percutaneous feeding tubes in North Carolina hospitals, 1989 to 2000. *J Gen Intern Med*, 2004; 19:1034-38.
28. Winzelberg GS, Hanson LC, Tulsy JA. Beyond autonomy: diversifying end of life decision-making priorities to serve patients and families. *J Am Ger Soc*, 2005; 53:1046-1050.
29. Hanson LC, Reynolds KS, Henderson M, Pickard CG. A quality improvement intervention to increase palliative care in nursing homes. *J Pall Med*, 2005; 8:576-584.
30. Hanson LC, Sengupta S, Slubicki M. Access to Nursing Home Hospice: Perspectives of nursing home and hospice administrators. *J Pall Med*, 2005; 1207-12013.
31. Horner JK, Hanson LC, Wood D, Silver AG, Reynolds KS. Using quality improvement to address pain management practices in nursing homes. *J Pain Symptom Manage* 2005; 30:271-277.
32. Lewis CL, Hanson LC, Golin C, Garrett JM, Cox CE, Jackman A, Phifer N, Carey TS. Surrogates' perceptions about feeding tube placement decisions. *Patient Ed and Couns*, 2006; 61:246-252.
33. 34. Munn JC, Hanson LC, Zimmerman S, Sloane PD, Mitchell CM. Is hospice associated with improved end of life care in nursing homes and assisted living facilities? *J Am Geriatr Soc* 2006; 54:490-495.
35. Hanson LC, Ersek M. Meeting palliative care needs in post-acute care settings "To help them live until they die." *JAMA* 2006; 295:681-686.
36. Carey TS, Hanson LC, Garrett JM, Lewis C, Pfifer N, Cox CE, Jackman A. Expectations and outcomes of gastric feeding tubes. In press, *Am J Med* 2006.

C. Research Support (in chronological order)

Ongoing Research Support

1R21 NR09785-01 NINR <i>On Our Own Terms: A Lay Health Advisor Intervention</i> This 2-year study will develop and pilot test a lay health advisor intervention to increase African-American access to palliative care.	PI Hanson	07/01/05-06/30/07 \$125,000	10%
Grant#1RO1 AG 18967-01 NIA – NIH <i>End of Life Care in Residential Care and Nursing Homes</i> Study of stratified representative sample of long term care facilities to describe structure, process and quality of end-of-life care Role: Investigator	PI Zimmerman	06/01/01 – 06/30/06 \$421,908	5%
Grant# K30HL004127 NIH <i>Clinical Research Curriculum Award</i> Research training and core research curriculum program for research fellows and junior faculty.	PI Orringer	07/01/03 – 06/30/08 \$277,778	15%
Grant # NA Donald W. Reynolds Foundation <i>Geriatric Practice and Teaching Program</i> Training program for fellows, housestaff and medical students in Geriatric Medicine.	PI Busby-Whitehead	01/01/04 – 12/31/08 \$419,167	10%

Recently Completed Research Support

Grant # NA Fetzer Institute <i>Spiritual Care at the End of Life</i> Study combines epidemiologic methods with in-depth narrative interviews to describe the frequency and quality of spiritual care to dying patients by health care providers and others	Co-PI Daaleman/Hanson	04/01/04 – 03/31/06 \$96,170	10%
Grant#NA Duke Endowment <i>UNC Pain and Symptom Care Program</i> Organizational and clinical evaluation study of a hospital-based palliative care program. Role: Co-Principal Investigator	Co-PI Hanson / Bernard	07/01/01 – 06/30/04	
Grant#NA Duke Endowment / Carolinas Center <i>Excellence in Palliative Care in Nursing Homes</i> Quality improvement intervention in 3 regional clusters of skilled nursing facilities to improve pain management, advance care planning, and hospice referral rates Role: Principal Investigator	PI Hanson	01/01/01 – 06/30/04	
Grant#NA Duke Institute on Care at the End of Life <i>Facilitators and Barriers to Access to Hospice Care in Nursing Homes</i> Statewide survey study of administrators in hospice and in nursing homes to describe perceived barriers to and facilitators of hospice services in nursing homes. Role: Principal Investigator	PI Hanson	09/01/01 – 08/31/03	
Grant#RO1 NR 05018 NINR – NIH <i>Gastric Feeding Tubes: Patient, Family, Provider Perspectives</i> Study examining patient, family and health care providers' perspectives on the decision to use gastric feeding tubes and on their clinical outcomes. Role: Investigator	PI Carey	09/01/00 – 08/31/03	