
CLRES 2510

Course instructor:

Aging Research in Special Settings

Stephanie Studenski MD MPH

Faculty:

Stephanie Studenski MD MPH Guest Faculty: see each session
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I. Course description:

This 1 credit course addresses methods and challenges of aging research in special settings, such as long term care, life care, rehabilitation, home care, day care, hospice, emergency room, hospital and intensive care. Older adults are frequent users of unique health and community settings. They often have associated health and psychosocial characteristics that influence research design and implementation. Students will develop an awareness of factors to be addressed when conducting research in these settings. The course will involve lectures, panel discussions and site visits. Lectures and classroom discussions will be supplemented with readings focused on aging research performed in special settings. Real-world application of knowledge will be facilitated through required visits by each student to any two of more than 10 available options for settings caring for older adults. Students will integrate information provided over the course of the semester by writing two site visit reports. This course is required for completion of the aging concentration in the Clinical Research Training Program

II. Course objectives:

1. Describe types of special settings in which research can be conducted with older adults and characterize the likely participants, appropriate types of research questions and operational issues for each.
2. Develop insight into how decisions are made about research in special settings.

III. Course requirements:

Completion of Introduction to Patient Oriented Research in Aging or permission of instructor

IV. Location:

Room 305 B Parkvale Building

V. Course credits and contact hours:

1 credit; 16 contact hours; 1 session/week for 4 weeks (2.5 hours per session, plus 6 hours for two site visits)

VI. Grading:

Letter grade, based on assignments:

Class participation	20%
Site visit reports (2)	60%
Oral Presentation	20%

VII. Readings: see each session

VIII. Teaching methodology: Lectures and classroom discussions will be supplemented with readings about aging research in special settings. Researchers who are currently conducting research in these settings will present their work for discussion. Students will visit two different special settings and will submit a written report for each using the Site Visit Format Guidelines. Students will present their findings in an oral report to the class.

IX. Major Assignments

1. Written commentary based on visits to two special settings using the attached format. Each commentary should be at least 3 double spaced typed pages. They are due by class 4.
2. Oral presentation describing your findings from the written commentaries. Each commentary forms the basis of a 10 minute presentation and discussion of your findings and recommendations. Presentations will be made at class 4.

Session 1 Orientation, Long term care: nursing home, assisted living, life care, day care

Date: 2/6/06 500-730 pm

Topics:

1. The demographics, health concerns, functional status and psychosocial status of older adults in long term care settings.
2. Research topics relevant to long term care
3. Opportunities and challenges of research in long term care
4. Key decision makers in long term care
5. HIPAA compliance and consent issues

Session Objectives:

1. Be familiar with the characteristics of older adults in long term care settings
2. Understand the regulatory and economic environment of each setting
3. Examine types of research questions that can be addressed in these settings
4. Understand the unique benefits and challenges of performing research in these settings, including use of information systems, working with vulnerable populations, access to population pools and/or space, and administrative priorities.
5. Understand the administrative structure and decision making processes related to research in long term care settings.
6. Be familiar with HIPAA and consent issues in these settings

Panel: Nace, Castle, VanSwearingen

Class Discussion with Panel:

1. Describe the types of research questions you have pursued in these settings.
2. Describe the negotiations you were involved in to obtain permission to carry out your research.
3. Consider what worked well and what difficulties you faced in your research.

4. Describe the way you managed HIPAA and consent issues
5. What kind of secondary data sources did you use?

Readings:

Required

Palumbo FB Magaziner JS Tenney JH Goren LM Warren JW Recruitment of Long-term care facilities for research J Am Ger Soc 35:154-158 1987

Sangl J Saliba D Gifford DR Hittle DF Challenges in Measuring Nursing Home and Home Health Quality Medical Care 43: Supp 124-132 2005

Wendler D Prasad K Core Safeguards for Clinical Research with Adults who are Unable to Consent Ann Int Med 135:514-523, 2001

Optional

Bernabei R Gambassi G Lapane K Characteristics of the SAGE database J Gerontol A 54: M25-33 1999

Carpenter I Gladman JRF Parker SG Potter J Clinical and research challenges of intermediate care Age and Ageing 2002 31:97-100

Freret N Ricci L Murphy S Recruiting and screening older transitional to frail adults in congregate living facilities Applied Nursing Research 2003 16:118-125

Mills EJ, Chow TW. Randomized controlled trials in long-term care residents with dementia: a systematic review. J Am Med Dir Assoc. 2003 Nov-Dec;4(6):302-7.

Mor V Improving the Quality of long-term care with better information Milbank Q 83:333-364 2005

Sachs GA Rhymes J Cassel CK Biomedical and behavioral research in nursing homes: guidelines for ethical investigations J Am Ger Soc 1993 41:771-777

Schneider LS Olin JT Lyness SA Chui HC Eligibility of Alzheimer's disease clinic patients for clinical trials J Am Ger Soc 1997 45:923-928

Zimmerman SI, Magaziner J. Methodological issues in measuring the functional status of cognitively impaired nursing home residents: the use of proxies and performance-based measures. Alzheimer Dis Assoc Disord. 1994;8 Suppl 1:S281-90

Zimmerman S Gruber-Baldini AL Sloane PD et al Assisted Living and Nursing Homes: Apples and Oranges? The Gerontologist 43: Special Issue II 107-117, 2003

Assignment

Review the list of site visit opportunities and begin to identify your preferred settings for your visits. Contact site sponsors to arrange visits.

Session 2 Acute Care: Hospital, Emergency room, intensive care

Date 2/13/06 5-730 pm

Topics:

1. The demographics, health concerns, functional status and psychosocial status of older adults in acute care settings.
2. Research topics relevant to acute care
3. Opportunities and challenges of research in acute care
4. Key decision makers in acute care
5. HIPAA and consent issues in acute care

Session Objectives:

1. Be familiar with the characteristics of older adults in acute care settings
2. Examine types of research questions that can be addressed in these settings
3. Understand the unique benefits and challenges of performing research in these settings, including use of information systems, working with vulnerable populations, access to population pools and/or space, and administrative priorities.
4. Understand the administrative structure and decision making processes related to research in acute care
5. Be familiar with HIPAA and consent issues in these settings

Panel: Barnato, Angus, Milbrandt, Yealy

Class Discussion:

1. Describe the types of research questions you have pursued in these settings.
2. Describe the negotiations you were involved in to obtain permission to carry out your research.
3. Consider what worked well and what difficulties you faced in your research.
4. Describe the way you managed HIPAA and consent issues

Readings:

Required

Berkmans CS Leipzig RM Greenberg SA Inouye SK Methodologic issues in conducting research on hospitalized older people J Am Ger Soc 2001 49:172-178

Aminzadeh F Dalziel Older adults in the emergency department: a systematic review of patterns of use, adverse outcomes and effectiveness of interventions Ann Emerg Med 2002 39:238-247

Kreling B, Wu AW, Lynn J. Survey methods for seriously ill hospitalized adults: practical lessons from SUPPORT. The Study to Understand Prognoses and Preferences for Outcomes and Risks of Treatments. J Am Geriatr Soc. 2000 May;48(5 Suppl):S168-75.

Optional

Chelluri L, Grenvik A, Silverman M. Intensive care for critically ill elderly: mortality, costs, and

quality of life. Review of the literature. Arch Intern Med. 1995 May 22;155(10):1013-22.

Chelluri L, Pinsky MR, Donahoe MP, Grenvik A. Long-term outcome of critically ill elderly patients requiring intensive care. JAMA. 1993 Jun 23-30;269(24):3119-23.

Murphy DJ, Knaus WA, Lynn J. Study population in SUPPORT: patients (as defined by disease categories and mortality projections), surrogates, and physicians. Clin Epidemiol. 1990;43 Suppl:11S-28S.

Assignment

Notify instructor of your planned site visits. Discuss any problems or concerns with the instructor

Session 3 Rehabilitation, hospice

Date 2/20/06 5-730 pm

Topics:

1. The demographics, health concerns, functional status and psychosocial status of older adults in rehabilitation and hospice settings.
2. Research topics relevant to these settings
3. Opportunities and challenges of research in these settings
4. Key decision makers in these settings
5. HIPAA compliance and consent issues

Session Objectives:

1. Be familiar with the characteristics of older adults in rehabilitation and hospice settings
2. Examine types of research questions that can be addressed in these settings
3. Understand the unique benefits and challenges of performing research in these settings, including use of information systems, working with vulnerable populations, access to population pools and/or space, and administrative priorities.
4. Understand the administrative structure and decision making processes related to research in these settings
5. Be familiar with HIPAA and consent issues in these settings

Panel: Munin Lenze Jaffe

Class Discussion:

1. Describe the types of research questions you have pursued in these settings.
2. Describe the negotiations you were involved in to obtain permission to carry out your research.
3. Consider what worked well and what difficulties you faced in your research.
4. Describe the way you managed HIPAA and consent issues

Readings:

Required

Patrick DL, Curtis JR, Engelberg RA, Nielsen E, McCown E. Measuring and improving the quality of dying and death. *Ann Intern Med.* 2003 Sep 2;139(5 Pt 2):410-5.

Kovacs PJ. Hospice research: challenges, opportunities and rewards. *Am J Hosp Palliat Care.* 1998 Sep-Oct;15(5):295-300.

Casarett DJ, Karlawish J, Hirschman KB. Are hospices ready to participate in palliative care research? Results of a national survey. *J Palliat Med.* 2002 Jun;5(3):397-406.

Hoenig HH, Siebens H. Research agenda for geriatric rehabilitation. *Am J Phys Med Rehabil.* 2004;83:858-866.

Whyte J. Clinical trials in rehabilitation: what are the obstacles? *Am J Phys Med Rehabil.* 2003;82(10S):S16-S21.

Optional

Dean RA, McClement SE. Palliative care research: methodological and ethical challenges. *Int J Palliat Nurs.* 2002 Aug;8(8):376-80.

Ward D, Severs M, Dean T, Brooks N. Care home versus hospital and own home environments for rehabilitation of older people. *Cochrane Database Syst Rev.* 2003;(2):CD003164.

Dobratz MC. Issues and dilemmas in conducting research with vulnerable home hospice participants. *J Nursing Scholarship.* 2003;35:371-376.

Blackmer J. The unique ethical challenges of conducting research in the rehabilitation medicine population. *BMC Medical Ethics.* 2003;4:2.

Assignment

You should be completing your visits and preparing your visit reports for presentation next week. Discuss any concerns or problems with the instructor.

Session 4

Date 2/27 5-730 pm

Student Presentations

Each site visit presentation will be 10 minutes, with two presentations per student. Presentations will be grouped by type of site and will be followed by a class discussion of key insights into work in this type of setting.