

CURRICULUM VITAE

Name: Anne M. Murray, M.D., M.Sc.

Office Address: Hennepin County Medical Center
Geriatrics Division (#860)
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Date of Birth: December 8, 1955

Place of Birth: Wells, Minnesota

Education:

1978 B.A. University of Minnesota

1984 M.D. University of Minnesota

1989 M.Sc. Harvard School of Public Health (Epidemiology)

Postdoctoral Training:

Internship and Residency:

1984-1985 Intern in Medicine, Mayo Graduate School of Medicine, Rochester, MN

1985-1987 Resident in Internal Medicine, Mayo Graduate School of Medicine, Rochester, MN

Clinical and Research Fellowships:

1987-1990 Fellow in Geriatrics, Division on Aging, Harvard Medical School, Boston, MA

1988-1989 Kellogg Fellow, Harvard University School of Public Health, Health Policy and Management, Boston, MA

1989-1990 Hartford Foundation Research Fellow, Boston, MA

Licensure and Certification:

1985	Minnesota License #29385
1987	Massachusetts License
1987	Certified, American Board of Internal Medicine
1990	Certified, Geriatric Medicine
1991	Wisconsin License #32863
1993	Illinois License #36-087698

Academic Appointments:

1990-1991	Instructor in Medicine, Harvard Medical School, Boston, MA
1991-1992	Assistant Professor of Medicine, University of Massachusetts Medical School, Worcester, MA
1992-1997	Assistant Clinical Professor of Medicine, University of Wisconsin Medical School, Madison, WI (Adjunct 1994-1997)
1994-1997	Assistant Professor of Medicine, Rush-St. Luke's Presbyterian Medical Center, Chicago, Illinois
1997-Current	Assistant Professor of Medicine, University of Minnesota, Minneapolis, MN

Hospital Appointments:

1990-1991	Staff Physician, Geriatrics Department, Medical Center of Central Massachusetts, Worcester, MA
1990-1991	Associate Physician, Brigham and Women's Hospital, Boston, MA
1992-1997	Staff Physician, North Central Health Care, Facilities, Wausau, WI
1992-1997	Courtesy Physician, Wausau Hospital, Wausau, WI
1992-1997	Associate Medical Director, North Central Health Care Facilities, Wausau
1992-1997	Director, Geriatric Education and Research, North Central Health Care Facilities, Wausau, WI
1995-1997	President, Medical Staff, North Central Health Care Facilities, Wausau, WI
1997-Current	Staff Physician, Hennepin County Medical Center, Minneapolis, MN
1997-2002	Medical Director, St. Olaf Residence, Minneapolis, MN
1999-Current	Associate Director, Geriatric Fellowship, Hennepin County Medical Center, Minneapolis, MN

Other Professional Appointments

2002- current Member, Board of Directors, Presbyterian Homes of Minnesota

2001- current Member, Community Board, Catholic Eldercare Homes, Minnesota

Teaching Appointments:

1990-1991 Attending Physician in Internal Medicine and Geriatrics, Medical Center of Central Massachusetts, Worcester, MA

1992-1997 Attending Physician in Internal Medicine and Geriatrics, University of Wisconsin Family Practice Program, Wausau Hospital Center, Wausau, WI

1994-1997 Attending Physician in Internal Medicine and Geriatrics, Rush-St.Luke's Presbyterian Medical Center, Chicago, Illinois

1997-Current Attending Physician in Internal Medicine and Geriatrics, Hennepin County Medical Center, Minneapolis, MN

Awards and Honors:

1996-2003 Awarded 'Best Doctors of America' - Geriatrics

2003-2004 Awarded 'Top Doctors of the Twin Cities'

Memberships in Professional Societies:

American Medical Association
 American Geriatrics Society
 Gerontological Society of America
 Academy of Neurology
 American Medical Director's Association
 American College of Physicians-American Society of Internal Medicine
 Minnesota Medical Association

Major Research Interests:

Cognitive Impairment in Renal disease and Diabetes
 Epidemiology and Natural History of Alzheimer's Disease and Parkinsonism
 Physical Function in Alzheimer's and Parkinsonism
 Delirium: Natural History and Physical Function in the Elderly
 Epidemiology of Anemia in the Elderly

Languages:

Fluent Spanish (one year 1979-80 in Colombia, S.A. as a volunteer public health worker)
 Conversational German (one year of college in Germany)

BIBLIOGRAPHY

Original Reports

1. Murphy D, Murray AM, Robinson BR, Campion EW. Outcomes of cardiopulmonary resuscitation in the elderly. *Ann Intern Med.* 1989;111:199-205.
2. Murray AM, Levkoff SE, Evans D, Cleary P, et al. Acute delirium and functional decline in the hospitalized elderly patient. *J Gerontology.* 1993;48:M181-M186.
3. Bennett DA, Beckett LA, Murray AM, Shannon KM, Goetz CG, Pilgrim DM, Evans DA. Prevalence of parkinsonian signs and associated mortality in a community population of older people. *N Engl J Med.* 1996;334:71-76.
4. Bennett DA, Beckett LA, Wilson RS, Murray AM, Fields TS, Evans DA. Parkinsonian signs and mortality from Alzheimer's disease. *Lancet.* 1998;351:1631.
5. Geronemus RP, Hoggard J, Murray AM et al. Diagnosis and Management of Anemia in Long-term Care. *Annals of Long-Term Care* 2003; 11;supp: 5-21).
6. Murray AM, Bennett DA, Beckett LA, Mendez de Leon C, Evans DA. Parkinsonism and disability in a community population. *J Gerontol Med Sci* 2004. In press.
7. Sandgren PE, Murray AM, Herzog CA, Solid CA, Gilbertson DT, Collins AJ, Foley RN. Anemia as a risk factor for New-Onset Congestive Heart Failure in the General Medicare Population. Submitted 2003 *Jl Cardiac Failure.*
8. Foley R, Murray, AM, Li Shuling, Herzog CA, McBean AM, Eggers P, Collins AJ. Chronic kidney disease and cardiovascular disease in the US Medicare Population. Submitted 2004 to *JASN.*
9. Murray AM, Li S, Gao H, Collins AJ. Chronic anemia and incident dementia in the Medicare population. Submitted 2004 to *Amer Jl Med.*

Abstracts

- A1. Murray AM. Poor outcomes of advanced cardiac life support (ACLS) in the elderly. (Presented at Gerontologic Society of America Meeting, San Francisco, CA, November 19, 1988.)
- A2. Murray AM, Levkoff SE, Evans DE, Wetle TT, Schor J. Delirium and physical function in the hospitalized elderly. (Presented at Gerontologic Society of America Meeting, Boston, MA, November 17, 1990.)
- A3. Murray AM, Bennett DA, Beckett LA, Evans DA. The epidemiology of Parkinson's disease; prevalence of parkinsonism and risk of mortality in a community population. (Presented at Gerontologic Society of America Meeting, Atlanta, GA, November 19, 1994.)
- A4. Bennett DA, Murray AM, Beckett LA, Wilson RS, Evans DA. Risk of death associated with Alzheimer's disease with and without parkinsonism in a community population.

- Neurology*. 1995;45(Suppl 4):A272. (Presented at the American Academy of Neurology, Seattle, WA, May 10, 1995.)
- A5. Murray AM, Bennett DA, Beckett LA, Evans DA. Parkinsonism and development of disability in the community population. (Presented at the Gerontologic Society of America Meeting, Washington D.C., November 1996.)
- A6. Schneider JA, Bennett DA, Gilley DW, Murray AM, Beckett LA, Evans DA. Parkinsonism predicts more severe disability in persons with Alzheimer's disease. *Gerontologist*. 1997;37(Spec Issue 1);219. (Presented at the Gerontology Association of America, Cincinnati, OH, November 1997.)
- A7. Abrahamson AD, Murray AM, Kerzner LJ, Roel JP. Identifying fears in community-dwelling elderly. *JAGS*. 2000;48:561. (Presented at the American Geriatric Society, Nashville, TN, May 2000.)
- A8. Murray AM, Li S, Collins AJ. Racial differences in prevalence of dementia before and after dialysis initiation. *J Am Soc Nephrol*. 2001;12:340A. (Presented at American Society of Nephrology, San Francisco, CA, October 2001.)
- A9. Li S, Murray AM, Collins A. Risk factors for dementia in patients 67 and older in the USRDS. (Presented at American Society of Nephrology, San Francisco, CA, October 2001.)
- A10. Murray AM, Li S, Collins AJ. Incidence and risk factors for dementia among recently initiated dialysis patients. *Neurology* 2002 58; Supp 3: A101. Presented at the American Academy of Neurology conference, Denver, April 2002.
- A11. Murray AM, Tupper DE, Miller W, Hochhalter A. Acute variation in cognitive function in dialysis patients. *Neurology* 2002 58; Supp 3: A183. Presented at the American Academy of Neurology conference, Denver, April 2002.
- A12. Murray AM, Li S, Collins AJ. Anemia as a risk factor for incident dementia in hemodialysis patients. *JASN* 2002;13:628A. Presented at the American Society of Nephrology, Philadelphia, November, 2002
- A 13. Murray AM, S. Li., S. Pederson, A. Hochhalter, D. E. Tupper. The prevalence cognitive impairment in older dialysis patients. *JAGS* 2003;4 Supp:S56. Presented at the American Geriatrics Society conf May 2003, Baltimore.
- A14. P.E. Sandgren, A. M. Murray, D. Gilbertson, C. Herzog, R. Foley Chronic Anemia as a risk factor for the incidence of new heart failure in the general Medicare population. *JAGS*;2003;4 Supp: S131. Presented at the American Geriatrics Society conf May 2003, Baltimore
- A15. Murray AM, Li S, Gilbertson D, Pederson S, Collins AJ, and Tupper DE. Prevalence of cognitive impairment in hemodialysis patients. *JASN* 2003;14; 34A. Presented at the Amer Soc Nephrology conference Nov 2003, San Diego.

C. Ongoing Research Support

NIH/National Institute on Aging 10/01/03-9/30/08
K-23 Mentored Clinician Career Award

The Epidemiology of Dementia in Hemodialysis Patients

The major goal of this award is to study the prevalence and natural history of cognitive impairment in hemodialysis patients 55 yrs and older over three years, and begin another study of the natural history of cognitive impairment in patients with early renal disease.

NIH/National Institute on Aging 7/01/03-6/01/10

Actions to Control Cardiovascular Risk in Diabetics- Memory in Diabetics (ACCORD MIND)

The major goals of this project are to recruit, conduct cognitive testing, and annually reevaluate persons with type II diabetes. This is an ancillary study to the main ACCORD trial, and will include only subjects who are enrolled in a clinical trial with three intervention arms: aggressive diabetes control, hypertension, and lipid treatment.

Role: Midwest Site PI, Co-Investigator

N01-DK-9-2343

NIH- NIDDK

8/01/01- 12/31/05

United States Renal Data Services

This is a contract with NIDDK to manage and analyze data on all end-stage renal disease patients in the US.

Role: Co-Investigator

Schwerbenske Award

American Society of Nephrology

07/01/03-6/30/03

The Prevalence and Progression of Cognitive Impairment in Older Hemodialysis Patients

Role: PI

Minneapolis Medical Research Foundation

11/01/01-10/30/04

The Epidemiology of Dementia in Dialysis Patients

This is a three-year study of the prevalence and natural history of cognitive impairment in 375 hemodialysis patients in the Twin Cities.

Role:PI