

BIOGRAPHICAL SKETCH

NAME Hiroko H. Dodge, Ph.D.	POSITION TITLE Assistant Professor, Dept. of Public Health, Oregon State University, Corvallis, OR. Department of Neurology, Oregon Health and Science University, Portland, OR Adjunct Assistant Professor, Dept. of Epidemiology, University of Pittsburgh, Pittsburgh, PA,		
eRA COMMONS USER NAME Hdodge			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Tokyo Women's Christian University (Tokyo Joshi Daigaku), Tokyo, Japan	B.A.	1983	Philosophy
Mount Holyoke College, South Hadley, MA	Exchange Student	1986 – 1987	Sociology
Pennsylvania State University, State College, PA	M.A.	1989	Demography and Sociology with Minor in Statistics
Pennsylvania State University, State College, PA	Ph.D.	1992	Demography and Sociology with Minor in Statistics
Carnegie Mellon University, Pittsburgh, PA	NIH Post-Doctoral Fellow	1992 –1995	Demography of Aging

A. POSITIONS AND HONORS

1992-1995.	NIH Post-Doctoral Fellow, H. John Heinz III School of Public Policy and Management, Carnegie Mellon University, Pittsburgh, PA. Supervisor: Professor Shelby Stewman.
1996-1999.	Senior Statistician, Epidemiology Data Center, Dept. of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.
1999-2002.	Faculty Research Associate, Epidemiology Data Center, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.
2002-2005.	Assistant Professor, Department of Epidemiology (primary appointment), Department of Biostatistics (secondary appointment), Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.
2005-present	Assistant Professor, Department of Public Health, College of Health and Human Sciences, Oregon State University, Corvallis, Oregon. Adjunct Assistant Professor, Department of Epidemiology, University of Pittsburgh, Pittsburgh, PA.
2007-present	Director, Data Core, Layton Aging and Alzheimer's Disease Research Center, Department of Neurology, Oregon Health and Science University, Portland, OR.

HONORS/FELLOWSHIPS

1986 – 1987	Foreign Student Fellowship, Mount Holyoke College, South Hadley, MA. Sponsors: Tokyo Women's Christian University and Mount Holyoke College.
Summer 1990	Fellowship to attend the summer seminar on Economics of Aging at East West Center, Hawaii. Sponsors: National Institute on Aging and East West Center, Hawaii.
1991 - 1992	Pre-doctoral fellowship in Demography of Aging. Sponsor: National Institute on Aging.
Summer 1995	Fellowship to attend the seminar on Demography of Aging at Rand Corp., CA. Sponsors: National Institute on Aging and Rand Corporation, CA.
Summer 2002	Visiting Assistant Professor, Shiga University of Medical Science, Shiga, Japan. Funding source: the Japan Foundation for Aging and Health (JFAFH).
Summer 2004	Visiting Assistant Professor, Shiga University of Medical Science, Shiga, Japan. Funding source: the Japan Foundation for Aging and Health (JFAFH).
Spring 2008	Visiting Assistant Professor, Ryukyus University School of Medicine, Okinawa, Japan.

B. Selected publications

Book

Dodge HH. *Poverty Transitions among Elderly Widows.* New York: Garland Publishing. 1996.

Book-Chapters

- Dodge, HH,** Kadowaki, T, Hayakawa, T, Yamakawa, M, Sekikawa, A, & Ueshima, H. (2006) Cognitive Impairment and Task-Specific Incident Disability: Japanese Cohort Study. In: Vellas B, edit. *Research and Practice in Alzheimer's Disease*, Vol 11. pp184-190. New York: Springer Publishing Company.
- Dodge HH,** Shen C, Pandav R, Dekosky ST, Ganguli M. (2004). Application of Demographic Methods in Alzheimer's Disease Research. In: Vellas B, edit. *Research and Practice in Alzheimer's Disease*, Vol 9. pp202-209. New York: Springer Publishing Company.

PEER-REVIEWED ARTICLES

- Dodge HH,** Kita Y, Takechi H, Hayakawa T, Ganguli M, Ueshima H. Healthy Cognitive Aging and Leisure Activities among the Oldest Old in Japan: Takashima Study, *Journal of Gerontology: Medical Sciences*, (Special Issue on Healthy Aging), in press.
- Szekely CA, Green RC, Breitner JCB; Østbye T; Beiser AS; Corrada MM, **Dodge HH,** Ganguli M, Kawas CH; Kuller LH, Psaty BM, Resnick SM, Wolf PA, Zonderman AB, Welsh-Bohmer KA, Zandi PP. "No advantage of "A β ₄₂-lowering" NSAIDs for prevention of AD in six pooled cohort studies". *Neurology*, in press.
- Dodge HH,** Zitzelberger T, Oken BS, Howieson D, Kaye JA. A Randomized Placebo-Controlled Trial of Ginkgo Biloba for the Prevention of Cognitive Decline. *Neurology*, e-pub ahead of time, February 27, 2008.
- Dodge HH,** Shen C, Ganguli M. Application of the Pattern-Mixture Latent Trajectory Model in an Epidemiological Study with Non-Ignorable Missingness. *The Journal of Data Science*, 2008; 6:231-246.
- Dodge HH,** Du Y, Saxton JA, Ganguli M. Cognitive domains and trajectories of functional independence in non-demented elderly. *The Journal of Gerontology: Medical Sciences*, 2007;61(12):1330-1337
- Ganguli M, Du Y, **Dodge HH,** Ratcliff GG, Chang CC. Depressive Symptoms and Cognitive Decline in Late Life: a Prospective Epidemiologic Study. *Archives of General Psychiatry*, 2006;63:153-160.
- Ganguli M, Du Y, Rodriguez EG, Mulsant BH, McMichael KA, Vander Bilt J, Stoehr GP, **Dodge HH.** Discrepancies in information provided to primary care physicians by patients with and without dementia: The Steel Valley Seniors Survey. *American Journal of Geriatric Psychiatry*, 2006;14:446-455.
- Ganguli M, Vander Bilt J, Saxton JA, Shen C, and **Dodge HH.** Alcohol consumption and cognitive function in late life: a longitudinal community study. *Neurology*, 2005;65:1210-1217.
- Dodge HH,** Kadowaki T, Hayakawa T, Yamakawa M, Sekikawa A, and Ueshima H. Cognitive impairment as a strong predictor of incident disability in specific ADL/IADL tasks: Japanese cohort study. *The Gerontologist*, 2005;45:222-230.
- Ganguli M, **Dodge HH,** Shen C, Pandav RS, DeKosky ST. Alzheimer's disease and mortality: a 15-year epidemiologic study. *Archives of Neurology*, 2005;62:779-784.
- Pandav R, Chandra V, **Dodge HH,** DeKosky ST, and Ganguli M: Hemoglobin levels and Alzheimer's Disease: an epidemiologic study in India. *American Journal of Geriatric Psychiatry*, 2004, 12:523-526.
- Ganguli M, **Dodge HH,** Shen C, DeKosky ST. Mild Cognitive Impairment, Amnesic Type: an Epidemiologic Study. *Neurology*, 2004;63:115-121.
- Ganguli M, Rodriguez E, Mulsant B, Richards S, Pandav R, Vander Bilt, J, **Dodge, HH,** Stoehr GP, Saxton J, Morycz RK, Rubin RT, Farkas B, DeKosky ST. Detection and Management of Cognitive Impairment in Primary Care: the Steel Valley Seniors Survey. *Journal of the American Geriatrics Society*, 2004, 52: 1668-1675.
- Lytle ME, Vander Bilt J, Pandav R, **Dodge HH,** Ganguli M. Exercise level and cognitive decline: The MoVIES project. *Alzheimer Disease and Associated Disorders*, 2004;18:57-64.
- Vander Bilt, J, **Dodge HH,** Pandav R, Shaffer HJ, Ganguli M. Gambling participation and social support among older adults: A longitudinal community study. *Journal of Gambling Studies*, 2004;20:373-390.
- Whyte EM, Mulsant BH, Vander Bilt J, **Dodge HH,** Ganguli, M. Depressive Symptoms following Stroke: a Prospective Epidemiologic Study. *Journal of the American Geriatrics Society*, 2004;52:774-778.
- Bharucha AJ, Pandav R, Shen C, **Dodge HH,** Ganguli, M. Predictors of Nursing Facility Admission: A 12-year Epidemiological Study in the USA. *Journal of the American Geriatrics Society*, 2004;52:434-439.
- Pandav R., **Dodge HH,** DeKosky ST, Ganguli M. Blood Pressure and Cognitive Impairment in India and the US: A Cross-National Epidemiological Study. *Archives of Neurology*, 2003;60:1123-1128.
- Ratcliff G, **Dodge HH,** Birzescu M, Ganguli M. Tracking Cognitive Functioning over Time: Ten-Year Longitudinal Data From a Community-Based Study. *Applied Neuropsychology*, 2003,10(2):76-88.

- Dodge HH**, Shen C, Pandav R, DeKosky ST, Ganguli M. Functional Transitions and Active Life Expectancy Associated with Alzheimer's Disease. *Archives of Neurology*, 2003;60:253-259.
- Basu R, **Dodge HH**, Stoehr G, Ganguli M. Sedative-Hypnotic Use of Diphenhydramine in a Rural, Older Adult, Community Based Cohort: Effects on Cognition. *The American Journal of Geriatric Psychiatry*, 2003;11:205-213.
- Mulsant BH, Pollock BG, Kirshner M, Shen C, **Dodge HH**, Ganguli M. Serum Anticholinergic Activity in a Community-Based Sample of Older Adults: Relationship with Cognitive Performance. *Archives of General Psychiatry*, 2003;60:198-203.
- Rodriguez EG, **Dodge HH**, Birzescu M, Stoehr GP, Ganguli M. Use of lipid-lowering drugs in older adults with and without dementia: a community-based epidemiologic study. *Journal of the American Geriatrics Society*, 2002;50:1852-1856.
- Ganguli M, **Dodge HH**, Mulsant BH. Rates and predictors of mortality in an aging, rural, community-based cohort: the role of depression. *Archives of General Psychiatry*, 2002;59:1046-1052.
- Pandav R, Mehta A, Belle SH, Martin DE, Chandra V, **Dodge HH**, Ganguli M. Data Management and Quality Assurance for an International Project: The Indo-US Cross-National Dementia Epidemiology Study. *International Journal of Geriatric Psychiatry*, 2002;17:510-518.
- Pandav R, Fillenbaum G, Ratcliff G, **Dodge HH**, Ganguli M. Sensitivity and Specificity of Cognitive and Functional Screening Instruments for Dementia: The Indo-US Dementia Epidemiology Study. *Journal of the American Geriatrics Society*, 2002; 50:554-561.
- Saxton J, Ratcliff G, **Dodge HH**, Pandav R, et. al. Speed and Capacity of Language Processing Test: Normative Data from an Older American Community-Dwelling Sample. *Applied Neuropsychology*, 2001;8: 193-203.
- Burmeister L, Ganguli M, **Dodge HH**. Hypothyroidism and Cognition: Preliminary Evidence for a Specific Defect in Memory. *Thyroid*, 2001;11:1177-1185.
- Chandra V, Pandav R, **Dodge HH**, Johnston, JM, et al. Incidence of Alzheimer's disease in a rural community in India: the Indo-US study. *Neurology*, 2001;57: 985-989.
- Thelma BK, Juyal RC, **Dodge HH**, Pandav R, et al. Apoe Polymorphism in a Rural Older Population-Based Sample in India. *Human Biology*, 2001;73: 135-144.
- Ganguli M, **Dodge HH**, Chen P, Belle SH, DeKosky ST. Ten-Year Incidence of Dementia in a Rural Elderly U.S. Community Population: The MoVIES Project. *Neurology*, 2000;54:1109-1116.
- Ganguli M, Chandra V, Kamboh I, Johnston JM, **Dodge HH**, Thelma BK, et al. Apoe Polymorphism and Alzheimer's Disease: The Indo-US Cross-National Dementia Study. *Archives of Neurology*, 2000;57:824-830.
- Dodge HH**, Belle S, Morycz R, Rodriguez E, Lytle M, Ganguli M. Functional and Demographic Predictors of Health and Human Services Utilization: A Community-Based Study. *Journal of the American Geriatrics Society*, 1999;47:1271-1276.
- Ganguli M, Dube S, Johnston JM, Pandav R, Chandra V, **Dodge HH**. Depressive Symptoms, Cognitive Impairment, and Functional Impairment in a Rural Elderly Population in India: A Hindi Version of the Geriatric Depression Scale (GDS-H). *International Journal of Geriatric Psychiatry*, 1999;14:807-820.
- Prescop KL, **Dodge HH**, Morycz R, Schulz RM.,Ganguli M. Elders with Dementia Living in the Community with and without Caregivers: an Epidemiological Study. *International Psychogeriatrics*. 1999;11:235-250.
- Reynolds MD, Johnston JM, **Dodge HH**, DeKosky ST, Ganguli M. Small Head Size is related to Low MMSE Scores in a Non-demented Community Sample of Older Adults. *Neurology*, 1999;53(1):228-229.
- Ganguli M., Mendelsohn A, Lytle M, **Dodge HH**. A Follow-up Comparison of Study Participants and Refusers within a Rural Elderly Population. *Journal of Gerontology: Medical Sciences*, 1998;53A:M465-M470.
- Ganguli M, Lytel ME, Reynolds MD, **Dodge HH**. Random Versus Volunteer Selection for a Community-Based Study. *Journal of Gerontology: Medical Sciences*, 1998;53A:M39-M46.
- Yamagata H., Yeh KS, Stewman S., **Dodge HH**. Sex Segregation and Glass Ceilings: A Comparative Static Model of Women's Career Opportunities in the Federal Government over a Quarter of a Century. *American Journal of Sociology* 1997;103:566-632.
- Dodge HH**. Movements out of Poverty among Elderly Widows. *The Journal of Gerontology: Social Science*, 1995;50B:S240-S249.
- Austin RL, **Dodge HH**. Sex-Role Change, Anomie and Female Suicide: A Test of Alternative Durkheimian Explanations. *Suicide and Life Threatening Behavior*, 1992;22:197- 225.
- Austin RL, **Dodge HH**. Despair, Distrust and Dissatisfaction among Blacks and Women, 1973-1987. *Sociological Quarterly*, 1992;33:579-598.
- Dodge HH**, Austin RL. Household Structure and Elderly Japanese Female Suicide. *Family Perspectives*, 1990;23:83-97.

C. Research Support

Ongoing Research Support

Grants from NIH

NIA K01 AG023014 (PI: Hiroko H. Dodge, 100% support) 3/15/2004-2/28/2010

Patterns and Predictors of Normal Cognitive Aging

K01 Mentored Research Scientist Development Award. The aims of this study are to describe longitudinal age-associated normative cognitive trajectories, to examine the association between these norms and preserved ability to perform Instrumental Activities of Daily Living, and finally to develop a new collaborative R01 application to conduct a Japan-US cross national study of healthy cognitive aging.

NIA R01 AG023651 (PI: Mary Ganguli) 9/1/2005-8/31/2010

Mild Cognitive Impairment: A Prospective Community Study

Role: Co-Investigator

The aim of this study is to examine the prevalence, incidence, outcome and etiology of mild cognitive impairment (MCI) in community dwelling elders.

Grants from other sources

Linus Pauling Institute at Oregon State University (PI: Hiroko H. Dodge) 6/1/2007-5/31/2008

Dietary Supplement Usage and Plasma Antioxidant Levels among the Okinawan Oldest Old: A Comparative Study with the Oldest Old in Oregon.

Center for Healthy Aging Grant at Oregon State University (PI: Hiroko H. Dodge) 6/1/2007-5/31/2008

Supplemental grant to the above project.

Oregon Tax Check-Off Alzheimer's Research Fund (PI: Hiroko H. Dodge) 9/1/2007-8/31/2008

Keys to Optimal Cognitive Aging: Comparisons of Social Engagement and Network, and Nutrition between Elderly Oregonians and Okinawans.

Completed Research Support

NIA R01 AG16705 (PI: Mary Ganguli) 4/1/1999-3/31/2004

Clinical Epidemiology of Dementia in General Practice

Role: Statistician (Statistical Core Head)

This project examines prevalence, outcomes, and prognostic factors in Alzheimer's and other dementias in an elderly primary care patient population in the small towns of McKeesport and White Oak, PA.

NIA R01 AG07562-14s1(PI: Mary Ganguli) 8/15/1997--7/31/2003

Epidemiology of Dementia: A Prospective Community Study

Role: Statistician (Statistical Core Head)

Administrative supplement to complete archiving and analysis of data from a 15-year prospective epidemiological study investigating incidence, risk factors, and outcome in late-life dementia, including Alzheimer's disease.

NIA R01 AG07562 (PI: Mary Ganguli) 8/15/1989—7/31/2002

Epidemiology of Dementia—A Prospective Community Study

Role: Statistician (Statistical Core Head)

This study investigated incidence, risk factors, and outcome in late-life dementia, including Alzheimer's disease, in a prospective community-based study in the Monongahela Valley of Southwestern Pennsylvania.

NIA R01 AG09292 (PI: Mary Ganguli) 4/20/1991—1/31/2000

Indo-US Cross National Dementia Epidemiology Study

Role: Statistician

This prospective epidemiological study of dementia, in a rural community in India, determines prevalence, incidence, risk factors, and outcome of dementia, and compares the results with those from the ongoing study in Pennsylvania (AG07652).

