

CURRICULUM VITAE

Date of Revision: May 2, 2022

Name: Heather Gwynn Allore, M.S., Ph.D.

School: Yale University School of Medicine

Education:

B.S. State University of New York, College of Technology, 1989
M.S. Cornell University, 1993
Ph.D. Cornell University, 1996
M.A. Yale University, *Privatim*, 2016

Career/Academic Appointments:

1996-1998 Postdoctoral Fellow, Department of Clinical Sciences, Section of Epidemiology, Cornell University, Ithaca, NY
1998-2000 Research Associate, Department of Population Medicine and Diagnostic Sciences, Cornell University, Ithaca, NY
2000- 2006 Associate Research Scientist, Department of Internal Medicine, Yale University, New Haven, CT
2006- 2009 Research Scientist, Department of Internal Medicine, Yale University, New Haven, CT
2009-2012 Senior Research Scientist, Department of Internal Medicine, Yale University, New Haven, CT
2012-2016 Associate Professor, Department of Internal Medicine, Yale University, New Haven, CT
2014-2017 Associate Professor, Department of Biostatistics, School of Public Health, Yale University, New Haven, CT
2015-2020 Adjunct Professor, Haralds plass Deaconess Hospital, University of Bergen, Norway
2016-present Professor, Department of Internal Medicine, Yale University, New Haven, CT
2016-2017 Affiliate Professor (sabbatical leave), University of Sydney, Sydney, Australia
2017- present Professor, Department of Biostatistics, School of Public Health, Yale University, New Haven, CT
2017 Visiting Professor, University of Colorado, School of Medicine, Denver CO
2018 Visiting Professor, Royal North Shore Hospital, Sydney, Australia
2019-present Visiting Professor, Department of Neuromedicine and Movement Science, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology (NTNU)
2020 Visiting Professor (triennial leave), University of Sydney, Sydney, Australia
2020 Visiting Professor (triennial leave), University of Otago, Christchurch, New Zealand

Administrative Positions:

2000- 2006 Co-Director of Biostatistical Core, Program on Aging
2006- 7/2018 Director of Biostatistical Core, Program on Aging
2015- Present Director of Data Management and Statistics Core, Alzheimer's Disease Research Center
2016-Present Co-director of the Biostatistics and Bioinformatics Core of the Yale Transdisciplinary Collaborative Center for Precision Medicine focused on Health Disparities
2022-Present Senior Biostatistician and Epidemiologist, Rheumatology, Allergy & Immunology Section
2022-Present Associate Director of Gerontologic Biostatistical Methods, Yale Program on Aging

Professional Honors & Recognition:

International/National/Regional

2019-20 Chair, Alzheimer's Disease Center: Data Core Steering Committee
2016 Fellow, Gerontological Society of America

2014	American Association of Medical Colleges Women's Midcareer Leadership
2012	Rotary International – Paul Harris Fellow
1996	NRI Competitive Grants Postdoctoral Fellowship
1991	Member of Gamma Sigma Delta, Honor Society
1990	HR Anslie Leadership Award
1989	BS Summa Cum Laude

Grant/Clinical Trials History:

Current Grants

Agency: NIH/NIA

ID#: U54AG063546

Title: Imbedded Pragmatic AD/ADRD Clinical Trials (IMPACT) Collaboratory: Transforming Dementia Care

PI: Vince Mor Susan Mitchell, Yale Site PI: Heather Allore, Design and Statistics Core Leader

Percent effort: 2.4 calendar

Direct costs per year: \$340,000 (Yale site)

Total costs for project period:

Project period: 09/01/19 - 08/31/24

Agency: NIH/NIA

ID#: P30AG066508

Title: Yale Alzheimer's Disease Research Center

PI: S. Strittmatter, Data Management and Statistics Core Leader: H. Allore

Percent effort: 2.4 calendar

Direct costs per year: \$460,625 (Data Management and Statistics Core)

Project period: 06/15/2020 – 05/31/2025

Agency: NSF

ID#: 2031960

Title: RAPID: An in vivo driven SEIRS (susceptible-exposed-infectious-recovered susceptible) model of coronaviral infection

PI: Caroline Zeiss

Percent effort: 0.42 calendar

Costs per year: \$119,394

Project period: 06/15/2020 – 05/12/2021

Agency: NIH/NIA

ID#: R61 AG069822

Title: Geriatric Emergency care Applied Research (GEAR) network 2.0 – Advancing Dementia Care (GEAR 2.0 ADC)

PI: Ula Hwang

Percent effort: 0.24 calendar

Project period: 11/01/2020-10/31/2025

Agency: NIH/NIAID

ID#: R01AI142624-01

Title: Circadian Rhythms and Innate Immune Response in Aging

PI: Erol Fikrig, Albert Shaw

Percent effort: 0.6 calendar

Direct costs per year: \$300,000

Project period: 12/01/2018 – 11/30/2023

Agency: NIH/NIA

ID#: RF1AG058545

Title: Multimorbidity Combinations and Dementia Onset Among Race/Ethnic Older Adults

PI: Ana Quinones PhD, Yale Site PI: Heather Allore PhD

Percent effort: 1.2 calendar

Direct costs per year: \$26,941 (Yale site)

Total costs for project period:

Project period: 06/01/19 - 03/31/24

Agency: NIH/NIA

ID#: P30AG021342-16S1

Title: Claude D. Pepper Older Americans Independence Center at Yale (methodology supplement)

“Addressing Missing Data in Longitudinal Studies for Persons with Dementia: the Impact of Comorbidity”

PI: Thomas Gill, Project Leader Heather Allore

Percent effort: 1.1 calendar

Direct costs per year: \$250,000

Total costs for project period:

Project period: 09/30/2018 – 6/30/2020 NCE

Agency: NIH/NIA

ID#: R01AG0556891-01A1 (Quinones)

Title: Changes in Multimorbidity and Disability Among Race/Ethnic Older Adults- ADRD Supplement

PI: Ana Quinones PhD, Yale Site PI: Heather Allore PhD

Percent effort: 0.8 calendar

Direct costs per year: \$8,247 (Yale site)

Total costs for project period:

Project period: 09/01/18 - 03/31/22

Agency: NIH/NIA

ID#: 2K24AG042489-061

Title: Midcareer Award in Translational Immunology of Aging

PI: Albert Shaw

Percent effort: 0.57 calendar

Direct costs per year: \$173,701

Project period: 04/01/2018 – 03/31/2023

Agency: NIH/NIA

ID#: R33 AG045050

Advancing Geriatrics Infrastructure & Network Growth (AGING) Initiative

PI: Jerry Gurwitz, Yale Site PI: Heather Allore PhD

Percent effort: 0.9 calendar

Direct costs per year: \$30,925 (Yale site)

Project period: 07/01/18 - 06/30/23

Agency: NIH/NIA

ID#: R01AG056628-01A1

Title: Disparities in Patterns of Recurrent Stroke in the Elderly - Administrative Supplement

PI: Judith Lichtman

Percent effort: 0.6 calendar

Direct costs per year: \$256,489

Project period: 10/01/2018 – 09/30/2019

Agency: NIH

ID#: R01AT008448-05

Title: Pain Care Quality and Integrated and Complementary Health Approaches – ADRD Supplement

PI: Kerns, Project Leader Heather Allore

Percent effort: 1.6 calendar

Direct costs per year: \$268,082

Project period: 09/01/2018-08/31/2019

Agency: NIH/NIA

ID#: R01AG055681

Title: Changes in Multimorbidity and Disability Among Race/Ethnic Older Adults

PI: Ana Quinones PhD, Yale Site PI: Heather Allore PhD

Percent effort: 1.2 calendar

Direct costs per year: \$27,267 (Yale site)

Total costs for project period:

Project period: 04/01/17 - 03/31/22

Agency: NIH/NIA

ID#: R01AG057912

Title: Molecular networks underlying resilience to Alzheimer's Disease among APOE E4 carriers

PI: Morgan Levine PhD

Role on Project: Co-Investigator

Percent effort: 0.3 calendar

Direct costs per year:

Total costs for project period: \$762,186

Project period: 10/01/17 - 09/30/22

Agency: NIH

ID#: 1R01DA043337-01

Title: The Impact of HIV Infection on Immunologic, Transcriptomic, and Metabolomic Signatures of Medication-Assisted Therapy for Opioid Addiction

PI: Sandra Springer, MD/ Albert Shaw, MD, PhD

Role on Project: Co-Investigator

Percent Effort: 10%

Direct costs per year: \$693,419

Total costs for project period: \$5,849,897

Project period: 12/01/16 – 11/30/21

Agency: NIH/NIA
ID#: 2R01 AG017560-16A1
Title: Epidemiology of Disability and Recovery in Older Persons
PI: Thomas Gill, MD
Percent effort: 0.15 calendar
Direct costs per year:
Total costs for project period: \$409,999
Project period: 08/15/16 – 05/31/21

Agency: Department of the Army
ID#: PR150809
Title: MIF-based Therapies in Cigarette Smoke-related COPD and Pneumonia
PI: Patty Lee, MD
Percent effort: 1.05 calendar
Direct costs per year:
Total costs for project period: \$600,000
Project period: 10/01/16-09/30/19

Agency: NIH/NIMHD
ID#: 1U54MD010711-01
Title: Yale Transdisciplinary Collaborative Center for Health Disparities Research (YALE-TCC)
PI: Marcella Nunez Smith, MD
Percent effort: 0.6 calendar
Direct costs per year:
Total costs for project period: \$693,419
Project period: 08/16/16-05/31/21

Agency: NIH/NIAID
ID#: U19AI089992-06A1
Title: Systems Immune Profiling of Divergent Responses to Infection
MPI: David Hafler MD, Ruth Montgomery PhD
Percent effort: 1.2 calendar
Direct costs per year:
Total costs for project period: \$1,684,725
Project period: 12/19/2016 – 11/30/2021

Agency: NIH/NHLBI
ID#: 1R01HL138396-01
Title: TLR4-mediated Epigenetic and Senescence Mechanisms in Emphysema
MPI: Patty Lee MD
Percent effort: 0.6 calendar
Direct costs per year: \$250,000
Total costs for project period:
Project period: 07/01/17 – 06/30/22

Agency: NIH/NHLBI
ID#: R01 HL130669-01A1

Title: Aging and Immune Mechanisms in Pulmonary Infection
PI: Richard Bucala, M.D., Ph.D.
Role on Project: Collaborator
Percent effort: 4%
Direct costs per year: \$250,000
Total costs for project period: \$1,665,000
Project period: 07/01/15 – 6/30/19

Agency: NIH/NIA
ID#: P50 AG047270
Title: Yale Alzheimer's Disease Research Center
PI: Stephen Strittmatter, M.D., Ph.D.
Role on Project: Core Director
Percent effort: 5%
Direct costs per year: \$999,136
Total costs for project period: \$8,323,561
Project period: 06/15/15 – 05/31/20

Agency: NIH/NIA
ID#: P30AG021342
Title: Claude D. Pepper Older Americans Independence Center
PI: Thomas M. Gill, M.D.
Role on Project: Director of the Biostatistics Core
Percent effort: 15%
Direct cost per year: \$1,037,180
Total costs for project period: \$6,107,628
Project period: 9/30/02 - 6/30/23

International

Norwegian Medical Research Council

Title: Continuity of care, adherence to treatment and self-reported health after percutaneous coronary intervention (CONCARD-PCI): a patient-centered care study from the Norwegian Registry for Invasive Cardiology.

PI: Tone M Norekvål, RN, MSc, PhD, FESC

Role on Project: Chair Scientific Advisory Board

Total costs for the project period: 66,000,000 NOK

Project Period: 01/2017-12/2020

Agency: Norwegian Regional Health Authorities

Title: The Norwegian COgnitive impairment After STroke study 2 (Nor-COAST2)

PI: Ingvild Saltvedt, M.D., Ph.D.

Role on Project: Collaborating partner

Total cost: 15,000,000 NOK

Project Period: 01/2018-12/2021

Agency: Norwegian Medical Research Council

Title: Effects of a complex intervention on staying longer, safely at home, with enhanced quality of life and societal cost-effectiveness in people with dementia and their families: LIVE@Home.Dem

PI: Bettina S. Husebø, MD, Ph.D.

Role on Project: Consultant

Total costs: 1,500,000 Euros

Project Period: 2018-2022

Agency: Ageing Well National Science Challenge, New Zealand

Type: Theme-based Research Scheme

Title: Ageing Well through Eating, Sleeping, Socialising and Mobility, AWESSoM

PI: Ngaire Kerse, Ph.D.

Role on Project: Consultant

Project Period: 2019-2024

International Pending

Agency: City University of Hong Kong, Kowloon, Hong Kong

Type: Theme-based Research Scheme

Title: Intelligent Health Management with Wireless and Sensor Technology: Personalized Health Management for Elderly

PI: Tsui Kwok, Ph.D.

Role on Project: Consultant

Project Period: 2020-2024

Past Grants

Agency: NIH/NIA

ID#: R01 AG046634-01A1

Title: Trajectory of Recovery in the Elderly

PI: Baxter M, M.D.

Role on Project: Co-investigator, Senior-Biostatistician

Percent effort: 4.5%

Direct costs per year: \$331,707
Total costs for project period: \$502,789 (total for one year)
Project period: 09/15/14-4/30/19

Agency: NIH/NIA and PCORI
ID#: U01AG048270
Title: Randomized Trial of Multifactorial Fall Injury Prevention Strategy
PI: Shalender Bhasin M.D., David Reuben M.D., Thomas M. Gill M.D.
Role on Project: Co-investigator, Senior-Biostatistician
Percent effort: 15%
Direct costs per year: \$226,278
Total costs for project period: \$30,000,000
Project period: 5/31/14-4/30/19

Agency: NIH/NIA
ID#: R01 AG047891
Title: Individualized Absolute Risk calculator for Persons with Multiple Chronic Conditions
PI: Heather Allore, Ph.D.
Percent effort: 20%
Direct costs per year: \$184,500
Total costs for project period: \$989,832
Project period: 04/15/2015 – 03/31/2018

Agency: NIH/NIA
ID#: K07AG043587-01A1
Title: Academic Leadership Award in Disability and Disabling Disorders
PI: Thomas M. Gill, M.D.
Role on Project: Senior-Biostatistician
Percent effort: 5%
Direct costs per year: \$125,000
Total costs for project period: \$625,000
Project period: 8/15/13 – 7/31/18

Agency: NIH/NIA
ID#: 5R24AG045050
Title: Advancing Geriatrics Infrastructure and Network Growth GES Frailty Project
MPI: Jerry Gurwitz MD
Percent effort: 0.3 calendar
Direct costs per year:
Total costs for project period:
Project period: 07/01/17 – 04/30/18

Agency: NIH/NIA
ID#:R21AG045148
Title: Health Outcome Effects of Common Medications in Elders with Multiple Conditions
PI: Heather Allore, Ph.D., Mary Tinetti, M.D.
Role on Project: Co-PI
Percent effort: 18%

Direct costs per year: \$150,000
Total costs for project period: \$249,750
Project period: 9/01/13 - 9/15/16

Agency: NIA/NIAID

ID#: N01 AI50031

Title: Innate Immune Responsiveness in the Elderly and Immunosuppressed:

PI: Erol Fikrig, M.D

Role on Project: Co-investigator, Senior-Biostatistician

Percent effort: 10%

Direct costs per year: \$ 1,356,784

Total costs for project period: \$12,439,964

Project period: 06/21/11 – 6/20/16

Agency: NIH/NIA

ID#: K24AG042489

Title: Program of Research of Infectious Disease in Elders

PI: Albert C. Shaw, M.D., Ph.D.

Role on Project: Senior-Biostatistician

Percent effort: 8%

Direct costs per year: \$167,328

Total costs for project period: \$774,665

Project period: 8/01/12 – 7/31/17

Agency: FAMRI (Flight Attendant's Medical Research Institute)

ID#: 82384

Title: TLR4-Mediated Emphysema: Role in Aging

PI: Patty Lee, M.D.

Role on Project: Co-Investigator, Senior-Biostatistician

Percent effort: 3%

Direct costs per year: \$100,000

Total costs for project period: \$325,500

Project period: 7/1/13 – 6/30/16

Agency: NIH/NHLBI

ID#: R01HL115295

Title: Risk Stratification in Older Persons with Myocardial Infarction: SILVER

PI: Sarwat I. Chaudhary, M.D.

Role on Project: Senior-Biostatistician

Percent effort: 2%

Direct costs per year: \$1,377,371

Total costs for project period: \$11,450,746

Project period: 8/18/12 – 05/31/17

Agency: NIH/NIA

ID#: R37AG17560 MERIT AWARD

Title: Epidemiology of Disability and Recovery in Older Persons

PI: Thomas M. Gill, M.D.

Role on Project: Co-investigator, Senior-Biostatistician
Percent effort: 5%
Direct costs for per year: \$477,429
Total costs for project period: \$6,074,840
Project period: 9/1/05 – 5/31/16

Agency: NIH/NIA
ID#: K08 AG030093
Title: Program of Research of Infectious Disease in Elders
PI: Vincent Quagliarello, M.D.
Role on Project: Senior-Biostatistician
Percent effort: 5%
Direct costs per year: \$134,325
Total costs for project period: \$671,625
Project period: 8/01/10 – 7/31/15

Agency: NIH/NIAID
ID#: U19AI089992
Title: Defining Signatures for Immune Responsiveness by Functional Systems Immunology
PI: David Hafler, M.D.
Role on Project: Senior-Biostatistician
Percent effort: 5%
Direct costs per year: \$3,373,483
Total costs for project period: \$20,500,000
Project period: 7/12/10 – 6/30/15

Agency NIH/NIA
ID#: K23 AG030986
Title: Comorbidity and Functional Outcomes in Older Patients with Heart Failure
PI: Sarwat Chaudhry, M.D.
Role on Project: Biostatistical mentor
Percent effort: 5%
To Total costs for project period: \$798,524
Project period: 8/1/08-7/30/13

Agency: NIH/NIA
ID#:K01 AG031324 01
Title: Depression and Disability in Older Persons: Untangling Complexities
PI: Lisa Cataldi-Barry, Ph.D.
Role on Project: Biostatistical mentor
Percent effort: 2.5%
Total costs for project period: \$116,375
Project period: 9/30/08-6/30/13

Agency: NIH/NIA
ID#: R01 AG031850
Title: Longitudinal Study of Transitions in Disability and Death among Older Persons
PI: Haiqun Lin, M.D., Ph.D.

Role on Project: Co-Investigator, Senior-Biostatistician
Percent effort: 10.5%
Direct costs per year: \$75,000
Total costs for project period: \$362,000
Project period: 5/15/09 – 4/30/12

Agency: NIH/NIA
ID#: R01 AG032284
Title: Positive Age Stereotypes across the Lifespan
PI: Becca Levy, Ph.D.
Role on Project: Senior-Biostatistician
Percent effort: 2.5%
Total costs for project period: \$1,300,000
Direct costs per year: \$280,000
Project period: 8/1/09 – 7/31/12

Agency: NIH/NIA
ID#: 1R21AG033130-01A2
Title: Enhanced Evaluation of Second Stage Translational Research
PI: Terrence E. Murphy, Ph.D.
Percent effort: 5 %
Role on Project: Co-Investigator, Senior-Biostatistician
Direct costs per year: \$147,112
Total costs for project period: \$232,000
Project period: 9/30/2010 - 8/31/2012

Agency: NIH/NIA
ID#: R01 AG030109
Title: Death as a multi-factorial cumulative health event in older adults
PI: Mary E. Tinetti, M.D.
Role on Project: Co-Investigator, Senior-Biostatistician
Percent effort: 7%
Direct costs per year: \$164,000
Total costs for project period: \$542,567
Project period: 3/01/08 – 2/28/11

Agency: NIH/NIA
ID#:R01 AG025142
Title: Top3 Homologues in Lymphocyte Genome Stability and Aging”
PI: Albert Shaw, M.D., Ph.D.
Role on Project: Senior-Biostatistician
Percent effort: 5%
Direct costs per year: \$175,999
Total costs for project period: \$1,430,625
Project period: 8/1/05-6/30/11

Agency: NIH/NIA
ID#: 2P30 AG021342-06S1 *Supplemental pilot project*

Title: Gerontological Research, Algorithms and Statistical Programs (GRASP)
PI: Heather Allore, Ph.D.
Percent effort: 30%
Total costs for project period: \$498,631
Project period: 9/1/2008 – 5/31/2009

Agency: NIH/NIA
ID#: R01 AG022993
Title: Epidemiology of Bathing Disability in Elderly Persons
PI: Thomas M. Gill, M.D.
Role on Project: Co-Investigator, Senior-Biostatistician
Percent effort: 5%
Direct costs per year: \$394,792
Total costs for project period: \$1,649,741
Project period: 8/15/04 – 6/30/10

Agency: FAMRI (Flight Attendant's Medical Research Institute)
ID#: Pilot Project in Translational & Interdisciplinary Research
Title: TLR-mediated Emphysema: Role of Aging and Gender
PI: Patty Lee, M.D.
Role on Project: Co-Investigator, Senior-Biostatistician
Percent effort: 4%
Total costs for project period: \$100,000
Project period: 7/1/09 – 6/30/12

Agency: Yale Center for Clinical Investigation CTSA
ID#: Pilot Project in Translational & Interdisciplinary Research
Title: Emphysema: The Inter-related Roles of Toll-like Receptors, Smoking, and Age
PI: Patty Lee, M.D.
Role on Project: Co-Investigator, Senior-Biostatistician
Percent effort: 7%
Total costs for project period: \$100,000
Project period: 7/1/07 – 6/30/09

Agency: NIH/NIA
ID#: P30AG021342
Title: Claude D. Pepper Older Americans Independence Center
PI: Mary E. Tinetti, M.D.
Role on Project: 2002-2005 Co-Director of Biostatistics Core
Role on Project: 2006-2007 Director of the Biostatistics Core
Percent effort: 35%
Total costs for project period: \$8,178,325
Project period: 9/1/02 – 8/31/07

Agency: NIH/NIA
ID#: P30AG021342-supplement
Title: Biostatistics Core Development Project: Development of Experimental Designs and Analytic Methods for Multifactorial Interventions

PI: Heather Allore, Ph.D.
Percent effort: 40%
Total costs for project period: \$100,000
Project period: 9/1/02 – 8/31/05

Agency: American Health Assistance Foundation
ID#: Macular Degeneration Fund
Title: Interaction of diet and genotype in AMD pathogenesis
PI: Caroline Zeiss, DVM, Ph.D.
Role on Project: Co-Investigator, Senior-Biostatistician
Percent Effort: 5%
Total costs for project period: \$100,000
Project period: 04/1/2007-04/01/2009

Agency: NIH/NIA
ID#: R21 AG027078
Title: Need for Priority-Tailored Clinical Trials:the Case of Hypertension and Fall Risk
PI: Mary E. Tinetti, M.D
Role on Project: Co-investigator, Senior-Biostatistician
Percent effort: 10%
Total costs for project period: \$367,670
Project period: 09/30/05 - 08/31/07

Agency: NIH/NIA
ID#: R21 AG023020
Title: Intervention Planning to Reduce Nursing Home Pneumonia
PI: Vincent Quagliarello, M.D.
Role on Project: Co-investigator, Senior-Biostatistician
Percent effort: 9%
Total costs for project period: \$165,356
Project period: 06/01/05 - 05/31/06

Agency: Donaghue Foundation
ID#: DF#01-127
Title: Enhancing Older Driver Safety and Mobility
PI: Richard Marottoli, M.D., MPH
Role on Project: Senior-Biostatistician
Percent effort: 5%
Total costs for project period: \$500,000
Project period: 1/1/02 – 12/31/06
Agency: Donaghue Foundation
ID#: No number assigned
Title: Connecticut Collaboration for Fall Prevention
PI: Mary E. Tinetti, M.D.
Role on Project: Senior-Biostatistician
Percent effort: 5%

Total costs for project period: \$2,700,000
Project period: 8/01/00-7/31/07

Agency: NIH/NIA
ID#: R01-AG17523
Title: Shared Impairments for Geriatric Syndromes and Disability
PI: Mary E. Tinetti, M.D.
Role on Project: Biostatistician
Percent effort: 15%
Total costs for project period: \$484,892
Project period: 2/15/00 – 1/31/04

Agency: NIH/NIA
ID#: R01-AG12551
Title: Intervention Trial to Prevent Delirium in the Elderly
PI: Sharon Inouye, M.D.
Role on Project: Biostatistician
Percent effort: 15%
Total costs for project period: \$1,287,036
Project period: 08/10/95 – 06/30/05

Agency: NIH/NIA
ID#: R01 AG19769
Title: Treatment Goals at the End of Life
PI: Terri Fried, M.D.
Role on Project: Biostatistician
Percent effort: 10%
Total costs for project period: \$965,280
Project period: 05/02/02-04/30/06

Pending Grants

Agency: NIH/NIA
ID#: 1R01AG055115-01
Title: Immune Dysregulation in the Aging Lung and COPD
PI: Albert Shaw, MD, PhD/ Insoo Kang, MD
Role on Project: Co-investigator
Percent Effort: 5%
Direct costs per year: \$483,541
Total costs for project period: \$4,139,917
Project period: 09/01/16 – 08/31/21

Agency: NIH/NIA
ID#: 2K24AG042489-061
Title: Midcareer Award in Translational Immunology of Aging
PI: Albert Shaw
Percent Effort: 0.96 calendar
Direct Cost per year: \$173,701

Project period: 04/01/18 - 03/31/23

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

International/National

- 2020: National Academies of Sciences, Engineering and Medicine, "Inclusion/exclusion Criteria in Trial Design", Drug Research and Development for Adults Across the Older Age Span, a Virtual Workshop
- 2020: National Institutes of Health, Inclusion Across the Lifespan-II Workshop: Implementation and Future Directions, "Data analysis and study interpretation", a Virtual Workshop
- 2020: University of Sydney Australia, "Research Gaps for Long-Term Drug Therapies for Osteoporotic Fracture Prevention", Department of Pharmacy
- 2020: New Zealand South Island Medical Seminar (simulcast to 30 medical organizations), "Patient Reported Symptoms, Disability and Utilization across Late Life"
- 2020: Knowledge Exchange 2020: Good for the Brain Good for Life Symposium, Christchurch New Zealand, "Brain Health and Aging"
- 2020: University of Otago, Christchurch New Zealand, "Chronic Conditions, Dementia and Caregiving", https://www.youtube.com/watch?v=I_CkPJ2Qo2c
- 2020: University of Otago, Christchurch New Zealand, University of Otago, Christchurch New Zealand, "Patient Reported Preferences and Symptoms in Late Life"
- 2020: University of Otago, Christchurch New Zealand, "Clinical Trials for Older Adults: Patient-Centered Outcomes"
- 2019: Kavli Research Centre for Ageing and Dementia, Bekkjarvik Norway, "Chronic Conditions, Caregiving and Dementia"
- 2019: Centre for Elderly and Nursing Home Medicine, University of Bergen Norway "Patient Reported Preferences and Symptoms in Late Life"
- 2018: National Alzheimer's Disease Centers Meeting, Atlanta Georgia, "Associations between dementia types and medication use jointly accounting for dropout"
- 2018: Patient Reported Outcome Measures, Bergen Norway, "Analyzing patient-reported outcomes data"
- 2018: Norwegian Science and Technology University, Trondheim, Norway, "Introduction to trajectory analysis"
- 2018: Kavli Research Centre for Ageing and Dementia, Bekkjarvik Norway, "What patients tell us: Restricting Symptoms and their Outcomes"
- 2018: Kolling Institute, Sydney Australia, "Complex Aging from Basic Underpinnings to Clinical Research"
- 2017: PROCARD Research Group Meeting, Bergen Norway "Advances in Analytic Methods for Patient-Reported Outcomes"
- 2017: Kavli Research Centre for Ageing and Dementia, Bekkjarvik Norway, "Caring for Older Adults with Multiple Conditions: Is Dementia Just another Condition?"
- 2017: Kaiser Permanente Colorado, Denver CO "Patient-Centered Outcomes Relationship with Chronic Conditions Healthcare Utilization and Medications"
- 2017: Healthcare Services Research Network, San Diego, CA "Dementia and Medication usage in Australia"
- 2017: Royal North Shore Hospital, Sydney, Australia, "Older Adults: Multiple Conditions and Healthcare Utilization"

- 2017: University of Sydney, Sydney, Australia, "Are more medications better for the multi-morbid older patient?"
- 2017: Western Sydney University, School of Medicine, Sydney, Australia, "Complex Multi-morbid Patients"
- 2016: Monash University, Department of Biostatistics, Melbourne, Australia, "Gerontologic Biostatistics: Modeling Longitudinal Ordinal Data in Aging"
- 2016: Monash University, Department of Biostatistics, Melbourne, Australia, "Universal Outcomes of Older Adults: Multiple Conditions & Medications, Disability, and Healthcare Utilization"
- 2016: Adult Changes in Thought Research Symposium, Seattle WA, "Maximizing collaborations and advances in aging research: NIA's Older Americans Independence Centers and Gerontologic Biostatistics"
- 2016: Kavli Research Centre for Ageing and Dementia, Bekkjarvik Norway, "Designs for Geriatric Research"
- 2016: University of Florida, Gainesville, FL, "Universal Outcomes of Older Adults"
- 2016: Healthcare Services Research Network Annual Conference, Atlanta GA, "Advancing Geriatrics Infrastructure and Network Growth"
- 2015: NIA Invited Workshop, Physiologic Measures of Resiliencies and Vulnerabilities in Human Aging, Bethesda, MD "Methodological Considerations for Studying Resiliencies and Long-term Health/Functional Outcomes"
- 2015: U13 meeting: Design and Implementation of Intervention Studies to Improve or Maintain Quality of Survivorship in Older and/or Frail Adults with Cancer, Chicago IL, "Statistical Challenges – Measurement, Outcomes and Multicomponent"
- 2015: Kavli Research Centre for Ageing and Dementia, Bekkjarvik Norway, "Collaborating with a Statistician"
- 2015: University of Bergen, Bergen Norway, "Longitudinal Average Attributable Fraction of Patient Reported Outcomes of Common Medications in Elders with Multiple Conditions"
- 2015: HMO Research Network Annual Conference, Long Beach CA, "Aging SIG & HMORN-OAICs AGING Initiative"
- 2014: HMO Research Networks/OAIC Aging Initiative, Bethesda MD, "Methodology for Patient Reported Outcomes of Common Medications in Elders with Multiple Conditions"
- 2014: NIA, Secondary data analysis workshop on multiple chronic conditions, Bethesda MD, "Health Outcome Effects of Common Medications in Elders with Multiple Conditions"
- 2014: University of Bern, Bern Switzerland "Gerontologic Biostatistics"
- 2014: Social and Scientific Systems, Durham, NC, "Over a Decade of Functional Disability Research"
- 2013: University of Florida, Gainesville FL "Designing Multicomponent Interventions for Older Persons with Multifactorial Geriatric Syndromes"
- 2012: Gerontological Society of America, San Diego CA, Preconference Workshop: Aging, the Central Nervous System, and Mobility in Older Adults Evidence on Changes in the Central Nervous System Control of Movement Across the Lifespan and in Aging "Statistical and Mathematical Modeling Approaches to Multisystem Studies"
- 2012: Diakonhjemmet Hospital, Oslo, Norway "Function and Mobility Disability in the Elderly: Risks, Reversibility and the End of Life"
- 2012: University of Texas Medical Branch, Galveston TX "Modeling Longitudinal Data"
- 2011: Gerontological Society of America, Boston, MA, "Challenges in Analysis of Data from Longitudinal Studies of Aging"
- 2011: University of Pittsburgh, Pittsburgh PA, "Debatable Tipping Points: Medical Statistics"
- 2011: Symposium at 32nd Society for Clinical Trials, Vancouver, Canada. "Conducting Clinical Trials with Older Adults: Challenges and Strategies to Overcome Obstacles"

- 2010: Kavli Research Centre for Ageing and Dementia, Bergen, Norway, "Functional Disability"
- 2007: NIA Workshop Methodological Issues in Randomized Clinical Trials in the Elderly, Washington DC, "Trial Designs for Multifactorial Geriatric Syndromes"
- 2007: NIA Statistical Methods for Longitudinal Data on Aging Workshop, Washington DC, "Modeling Multiple Spell Data"
- 2005: University of Michigan, Ann Arbor, MI, "Experimental Designs for Multicomponent Interventions among Persons with Multifactorial Geriatric Syndromes."
- 2005: Johns Hopkins Biostatistical Grand Rounds, Baltimore, MD, "Mixed Model Approach to Assess Dose-Dependent Effects of CNTF on Retinal Morphology."

Regional

- 2014: University of Connecticut Health Center, Farmington, CT, "A Decade+ of Disability Research" Geriatric Grand Rounds
- 2012: Albert Einstein University, New York, NY "Modeling Longitudinal Ordinal Data in Aging Research: A Decade of Functional Disability Research"
- 2010: University of Connecticut Health Center, Farmington, CT, "Designs of Multicomponent Interventions for Older Persons with Multifactorial Geriatric Syndromes"
- 2009: Web-based Education: Gerontologic biostatistics: applications and resources: Gerontologic Algorithms and Statistical Programs (GRASP)

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:

International/National

- 2021: Gerontological Society of America, virtual, Invited Symposium of the Research Design and Measurement "Racial Contributions of Dementia and Chronic Conditions to Hospitalization, SNF Admissions and Mortality."
- 2020: ADRC Virtual Spring Meeting, "Data Cores in the time of COVID-19", Webinar replacing meeting
- 2017: IAGG Symposium (Co-Chair and speaker) International, Pragmatic and Multisite Trials: Design, Implementation and Ethical Considerations, San Francisco, CA
- 2017: IAGG Symposium (Co-Chair and speaker) Appropriate Prescribing as a Part of Multi-Morbidity Care of Complex Older Adults Session, San Francisco, CA
- 2014: Gerontological Society of America, Washington DC, "Statistical Challenges of Time-varying Hospitalization on Recurrent Disability" Symposium: Hospitalization-associated Disability: New Evidence and Future Research Agenda
- 2013: Gerontological Society of America, New Orleans LA, "Answering Causal Questions in Aging: Causal Inference in Practice"
- 2012: Joint Statistical Meeting, San Diego, CA, Roundtable: "Gerontologic Biostatistics: Merging Aging Research and Analytic Methods"
- 2012: American Geriatrics Society, Seattle, WA, "Statistical Issues in Aging Research" 3rd T. Franklin Williams Scholars Meeting.
- 2012: Claude D. Pepper Older Americans Independence Center Annual Meeting, Bethesda, MD "Approaches to Missing Data in Aging Research"
- 2010: Gerontological Society of America, New Orleans, LA, "Designing Multicomponent Interventions and Estimating Treatment Effects"
- 2010: Joint Statistical Meeting, Vancouver, Canada, Roundtable: "Gerontologic biostatistics: applications and resources: Gerontologic Algorithms and Statistical Programs (GRASP)"
- 2010: 23rd Nordic Conference on Mathematical Statistics Voss, Norway "High Dimensional Calculations of the Longitudinal Extension of the Average Attributable Fraction"

- 2009: Gerontological Society of America, Atlanta, GA, "Gerontologic Biostatistics and the New Gerontologic Research Algorithms & Statistical Programs Website"
- 2007: Invited Session at Joint Statistical Meeting, Salt Lake City, UT, "Gerontologic Biostatistics"
- 2007: American Geriatrics Society, Seattle, WA, "Research Programs and Issues Series - Multi-Component Intervention Trials: Analytic Challenges and Approaches"
- 2007: Honolulu, HI, "Mixed Model Approach to Assess Dose-Dependent Effects of CNTF on Retinal Morphology."
- 2006: 5th Annual Hawaii International Conference on Statistics, Mathematics and Related Fields, Honolulu, HI, "Standardly-Tailored Multicomponent Interventions Trials for Multifactorial Health Syndromes: An Example from Geriatrics."
- 2006: 31st SAS User's Group International, San Francisco, CA, "Using the SAS® System for Experimental Designs for Multi-Component Interventions in Medicine"
- 2006: 31st SAS User's Group International, San Francisco, CA, "Using SAS® to Investigate Effect Modification"
- 2005: American Geriatrics Society, Orlando, FL, "Managing Missing Data in the Analysis Phase."
- 2001: IXth International Symposium on Veterinary Epidemiology and Economics, Breckenridge, CO, "Modification of a Dynamic Program to Account for the Effects of Diseases on Milk Yield, Fertility and Survival."

Professional Service

Peer Review Groups/Grant Study Sections:

- 2021 Wellcome Trust
- 2021 UK Medical Research Council
- 2020 NIH/NIA Prodromal Synucleinopathies
- 2019 Swiss National Science Foundation
- 2019 Irish Science Foundation
- 2019 Wellcome Trust
- 2019 Back Pain Consortium (BACPAC) Research Program: UG3/UH3, NIH/NIAMS
- 2018-Present Aging Biobank, Statistical reviewer for requests.
- 2018 Science Foundation of Ireland
- 2018 NIH Pathways to Prevention (P2P) Workshop: Appropriate Use of Drug Therapies for Osteoporotic Fracture Prevention, Panelist
- 2018 Special Emphasis Panel Reviewer, ADRC P30, NIH/NIA
- 2018 Special Emphasis Panel Reviewer, Evaluation of NIA clinical trials, NIH
- 2018 Special emphasis Panel Reviewer, COBRE Phase II, NIH
- 2018 Special emphasis Panel Reviewer, Clinical trials of delirium, NIH
- 2017 Netherlands Organizations for Scientific Research
- 2017 Healthcare and Delivery and Methodologies IRG (HDM), NIH
- 2015 Special Emphasis Panel Reviewer, Support of Competitive Research (SCORE), NIH
- 2014 Present Clinical Trial Advisory Panel, Biostatistical Member, NIH/NIA
- 2014 Special Emphasis Panel Reviewer, PPG P01Alzheimer's Disease NIH/NIA
- 2013 Special Emphasis Panel Reviewer, U01Alzheimer's Disease NIH/NIA
- 2011-2012 Special Emphasis Panel Reviewer, P01 Immunology, NIH/NIAID
- 2009-2010 Special Emphasis Panel Treatment of Mental Illness
- 2009 External Reviewer, Foundation for NIH review panel on Sarcopenia
- 2008 2012 Chartered Member, Aging Systems and Geriatrics Study Section, NIH/NIA

- 2008 Chair, CDC Special Emphasis Panel: Preparing People with Arthritis to Safely Select and Self Direct their Physical Activity
- 2007 Member, CDC Mentored Public Health Research Scientist Development Award study section
- 2006-2007 Ad-hoc member, Aging Systems and Geriatrics Study Section, NIH/NIA
- 2006-2007 Ad-hoc member, Human Nutrition and Obesity Section USDA-NRICGP
- 2005 Reviewer, for University of Pittsburgh OAIC Pilot Program
- 2003-2004 External Reviewer, USDA Small Business Initiative Grant Program
- 2003-2004 External Reviewer, US- Israel Bi-national Agricultural Research and Development Fund
- 1998-2002 External Reviewer, Sustainable Agriculture Competitive Grants Program

Journal Service

- 2021-Present Reviewer, Pharmaceutical Statistics
- 2021-Present Reviewer, Maturitas
- 2019-Present Statistical Editor, Journal of Gerontology Medical Science
- 2019-Present Nature Communications, Nature Aging
- 2018-Present Editorial Board, ACR Open Rheumatology
- 2018-Present Editorial Board, Journal of the American Geriatrics Society
- 2016-Present Editorial Board, Journal of Gerontology Medical Science (Top 3 of reviewers 201)
- 2015-Present Editorial Board, Arthritis and Rheumatism (Top 5% of reviewers 2017)
- 2015-Present Reviewer, Journal of the American Medical Directors Association
- 2015-Present Reviewer, Nutrition Research
- 2015 Guest Editor, International Journal of Statistics in Medical Research, Special Issue “Methods for Estimating Treatment Effects for Persons with Multiple Chronic Conditions”
- 2015-Present Reviewer, Statistics in Medicine
- 2015-Present Reviewer, Archives of Gerontology and Geriatrics
- 2014-Present Reviewer, BMJ Supportive and Palliative Care
- 2014-Present Reviewer, PLoS One (2015) PLOS ONE 2014 Reviewer Thank You. PLoS ONE 10(2): e0121093. doi:10.1371/journal.pone.0121093
- 2012-Present Reviewer, American Journal of Public Health
- 2012-Present Reviewer, Journal of Gerontology: Social Science
- 2012 Reviewer, American Journal of Physical Medicine and Rehabilitation
- 2012 Reviewer, Archives of General Psychiatry
- 2011-Present Reviewer, BMC Medical Research Methodology
- 2011 Reviewer, Advances in Therapy
- 2010 Reviewer, International Journal of Geriatric Psychiatry
- 2008-Present Reviewer, Clinical Trials
- 2008-Present Reviewer, Journal of Clinical Epidemiology
- 2007 Reviewer, Psychological Methods
- 2006-Present Reviewer, Journal of Gerontology Medical Science
- 2005-Present Reviewer, Contemporary Clinical Trials “Outstanding Reviewer – top 10%”
- 2004- 2009 Editorial Board, Preventive Veterinary Medicine
- 1998-2007 Reviewer, Journal of Dairy Science
- 1999-2003 Reviewer, Preventive Veterinary Medicine

Professional Service for Professional Organizations:

- 2018-2023 Healthcare Systems Research Network/OAIC Aging Collaborative: Co-Chair of the Measures and Methods Core
- 2018-2021 Alzheimer’s Disease Centers Data Core Steering Committee

2017-2019 Membership Committee Chair Elect, Chair, Past Chair, Gerontological Society of America
2015-Present SAS Customer Advisory Panel member
2014-2015 Deutsche Akademie der Naturforscher Leopoldina - Evidence-based Medicine for Older People Working Group
2014-2017 Health Sciences Membership Committee Chair-elect, Chair, Past Chair, Gerontological Society of America
2014-2018 Healthcare Systems Research Network/OAIC Aging Initiative Data and Measures Workgroup
2012-Present U13 Oversight Board Bench to Bedside NIA/AGS
2010-Present DMSB Biostatistician, Partnership for Anemia: Clinical and Translational Trials
2008-Present Gerontological Society of America
2002-Present VA Cooperative Studies Program Coordinating Center Human Rights Committee
2002-Present Society for Clinical Trials
2000-Present American Statistical Association

Meeting Planning/Participation

2020: National Institutes of Health, Inclusion Across the Lifespan-II Workshop: Implementation and Future Directions, Virtual Workshop Topic 4 Co-Chair
2020: Chair, Alzheimer's Disease Centers Data Core Steering Committee, Fall ADC Meeting, Virtual Workshop
2019: Chair, Alzheimer's Disease Centers Data Core Steering Committee, Fall ADC Meeting, Washington University, MO
2019: Chair Alzheimer's Disease Centers Data Analytics Workshop, Washington University, MO
2018: Chair Gerontological Society of America Membership Committee, New Members Meeting, Boston, MA
2018: Chair-Elect Alzheimer's Disease Centers Data Core Steering Committee Fall ADC Meeting Analytics Workshop, Emory University, GA
2015: Member of Planning Committee, "Physiologic Measures of Resiliencies and Vulnerabilities in Human Aging: An NIA Workshop", Bethesda, MD
2014: Session Chair, Gerontological Society of America, Washington DC "Cardiovascular Health"
2013: Organizer, of Invited Symposium at 34th Society for Clinical Trials, Boston, MA, "Conducting Clinical Trials in Nursing Homes: From Design to Conduct"
2011: Session Chair, Gerontological Society of America, Boston MA "Independence, Dependence, and Disability"
2011: Chair and Organizer of Invited Symposium at 32nd Society for Clinical Trials, Vancouver, Canada, "Conducting clinical trials with older adults: challenges and strategies to overcome obstacles"
2010: Convener, Gerontological Society of America, New Orleans, LA, Measurement, Statistics, and Research Design Interest Group
2009: Convener, Gerontological Society of America, Atlanta GA, Measurement, Statistics, and Research Design Interest Group
2007: Chair and Organizer of Invited Session at American Statistical Association, Salt Lake City, UT, "Gerontologic Biostatistics"
2007: Session Coordinator and Judge, SAS Global Forum, Orlando, FL, "Statistics and Data Analysis"
2006: Chair of session on Medical Statistics at 5th Annual Hawaii International Conference on Statistics, Mathematics and Related Fields, Honolulu HI
2006: Session Coordinator at SAS User's Group International, San Francisco, CA, "Statistical Analysis with the GLIMMIX Procedure"
2006: Session Coordinator at SAS User's Group International, San Francisco, CA, "Modern Regression Analysis"

Yale University Services:

Medical School Committees

2018-2020 Faculty Advisory Council, Department of Internal Medicine Investigator Representative
2013- Present Yale Data Coordinating Center
2011- Present Section of Infectious Disease T32 training grant, biostatistical mentor
2009- Present Section of Geriatrics T32 training grant, biostatistical mentor
2010- Present Yale Center for Analytic Science (CTSI) Executive Steering Committee
2002- Present Reviewer, Yale Program on Aging Project applications

Public Service

2013-2019 Town of Guilford Land Acquisition Commission Member
2009-2012 Town of Guilford East River Preserve Chair
2009-2014 Guilford Land Conservation Trust, Board of Directors (Vice-President 2012-2014)
2009-2019 Town of Guilford representative to New England Trail – USPS NST
2007-2011 Town of Guilford Land Acquisition Commission Member
2004-2007 Town of Guilford Conservation Commission, Chair 2006-2007

**Bibliography: (* denotes media attention, articles with >100 citations noted)
>15,000 citations, h-index 59 i10-index 149**

Peer-Reviewed Original Research

1. **Allore HG**, Jones LR, Merrill WG, Oltenacu PA. Oltenacu. Decision Support System for Evaluating Mastitis Information. *J. Dairy Sci.* 1995; 1382-98. PMID: 7673527
2. **Allore HG**, Jones LR. An Analytical Approach to Determine Somatic Cell Count Trends for a Data-Driven Decision-Support System. *J. Dairy Sci.* 1995; 78:1377-81. PMID: 7673526
3. **Allore HG**, Oltenacu PA, Erb HN. Effects of Season, Herdsize and Geographic Region on the Composition and Quality of Milk in the Northeast. *J. Dairy Sci.* 1997; 80:3040-9. PMID: 9406097
4. **Allore HG**, Wilson DJ, Erb HN, Oltenacu PA. Selecting Linear-Score Distributions for Modelling Milk-Culture Results. *Prev. Vet. Med.* 1998; 33:11-29. PMID: 9500161
5. **Allore HG**, Schruben LW, Erb HN, Oltenacu PA. Design and Validation of a Dynamic Discrete Event Stochastic Simulation Model of Mastitis Control in Dairy Herds. *J. Dairy Sci.* 1998; 81:703-17. PMID : 9565873
6. **Allore HG**, Erb HN, Schruben LW, Oltenacu PA. A Simulation of Strategies to Lower Bulk Tank Somatic Cell Count below 500,000 Per Milliliter. *J. Dairy Sci.* 1998; 81:694-702. PMID: 9565872
7. **Allore HG**, Erb HN. Partial Budget of the Discounted Annual Benefit of Mastitis Control Strategies. *J. Dairy Sci.* 1998; 81:2280-92. PMID: 9749395
8. **Allore HG**, Erb HN. Approaches to Modelling Intramammary Infections in Dairy Cattle. *Prev. Vet. Med.* 1999; 39:279-293. PMID: 10327443
9. Rajala-Schultz PJ, Gröhn YT, **Allore HG**. Optimizing Breeding Decisions for Finnish Dairy Herds: Effects of Reproductive Performance on Profitability. *Acta Vet. Scand.* 2000; 41:213-26. PMID: 10965570
10. Rajala-Schultz PJ, Gröhn YT, **Allore HG**. Optimizing Replacement Decisions of Finnish Dairy Cows: Price Effects on Calving Patterns, Herdlife and Calving Interval. *Acta Vet. Scand.* 2000; 41:199-212. PMID: 10965569
11. **Allore HG**, Erb HN. Simulated Effects Of Extending Voluntary Waiting Period on Dairy Cattle Health. *Prev. Vet. Med.* 2000; 46:29-50. PMID: 10854934
12. **Allore HG**, Schruben LW. Disease Management Research using Event Graphs. *Computers and Biomedical Res.* 2000; 33:245-59. PMID: 10944404

13. **Allore HG**, Haferkamp-Wise C, Grohn YT, Warnick LD. Teaching Dairy Herd Health Dynamics Using a Web-Based Program. *J Vet Med Educ*. 2001; 28(3):140-4. PMID: 11721239
14. **Allore HG**, Warnick LD, Hertl J, Gröhn YT. Censoring in Survival Analysis: a Simulated Study of the Effect of Milk Yield on Conception. *Prev Vet Med*. 2001; 49: 223-34. PMID: 11311955
15. Zadoks RN, **Allore HG**, Barkema HW, Sampimon OC, Gröhn YT, Schukken YH. Analysis of an Outbreak of *Streptococcus uberis* Mastitis. *J Dairy Sci*. 2001; 84:590-9. PMID: 11286411 **105 citations**
16. Zadoks RN, **Allore HG**, Barkema HW, Sampimon OC, Wellenberg OC, Gröhn YT, YH Schukken. Cow and Quarter Level Risk Factors for *Streptococcus uberis* and *Staphylococcus aureus* Mastitis. *J Dairy Sci*. 2001; 84:2649-63. PMID: 11814021 **222 citations**
17. Zeiss, CJ, Johnson E., **Allore HG**. Microarray Analysis of Temporal Gene Expression in Retinal Degeneration and Development. *Invest. Ophthalmol Vision Sci*. 2001; 42:4.
18. Fried TR, Bradley EH, Towle VR, **Allore HG**. Understanding Seriously Ill Patients' Preferences For Treatments and Their Outcomes. *N Engl J Med*. 2002; 346:1061-6. PMID: 11932474 **899 citations**
19. Zadoks RN, **Allore HG**, Haganaars T, Schukken YH. A Mathematical Model of *Staphylococcus aureus* Control in Dairy Herds. *Epid & Infection* 2002; 129(2):397-416. PMC2869899
20. *Gill TM, Baker DI, Gottschalk M, Peduzzi PN, **Allore HG**, Byers A. A Program to Prevent Functional Decline in Physically Frail, Elderly Persons Who Live at Home. *N Engl J Med* 2002; 347:1068-1074. PMID: 12362007 **781 citations**
21. Gill TM, Guo Z, **Allore HG**. Restricted Activity And Functional Decline Among Community-Living Older Persons. *Arch Int Med* 2003; 163:1317-1322. PMID: 12796067
22. Gröhn YT, Rajala-Schultz PJ, **Allore HG**, DeLorenzo MA, Hertl JA, Galligan DT. Optimizing Replacement of Dairy Cows: Modeling the Effects of Diseases. *Prev Vet Med*. 2003; 61:27-43. PMID: 14516715
23. Byers A, **Allore HG**, Peduzzi PN, Gill TM. Application of Negative Binomial Modeling for Discrete Outcomes: a Case Study in Aging Research. *J Clin Epid*. 2003; 56:559-564. PMID: 12873651 **154 citations**
24. Gill TM, **Allore HG**, Holford TR, Guo Z. Hospitalization, Restricted Activity, and the Development of Disability among Older Persons. *JAMA*. 2004; 292:2115-2124. PMID: 15523072 **481 citations**
25. Gill TM, Baker DI, Gottschalk M, Peduzzi PN, **Allore HG**, Van Ness PH. A Prehabilitation Program for the Prevention of Functional Decline: Evidence for an Expanded Benefit. *Arch of Phys Med Rehab*. 2004; 85:1043-1049. PMID: 15241748 **133 citations**
26. Gill TM, Guo Z, **Allore HG**. The Deleterious Effects of Bed Rest among Community-Living Older Persons. *J Gerontol: Med Sci*. 2004; 59A:755-761. PMID: 15304541
27. Gill TM, **Allore HG**, Holford TR, Guo Z. The Development of Insidious Disability among Community-Living Older Persons. *Am J Med*. 2004; 117:484-491. PMID: 15464705 **106 citations**
28. Gill TM, **Allore HG**, Hardy SE, Holford TR, Han L. Estimates of Active and Disabled Life Expectancy Based on Different Assessment Intervals. *J Gerontol: Med Sci*. 2005; 60a:1013-1016. PMID:16127105
29. **Allore HG**, Tinetti ME, Araujo KL, Hardy S, Peduzzi PN. A Case Study Found That a Regression Tree Outperformed Multiple Linear Regression in Predicting the Relationship Between Impairments and Social and Productive Activities Scores. *J Clin Epid*. 2005; 58(2):154-161. PMID:15680749
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31. **Allore HG**, Tinetti ME, Gill TM, Peduzzi PN. Experimental Designs for Multicomponent Interventions among Persons with Multifactorial Geriatric Syndromes. *Clin Trials* 2005; 2: 13-21. PMID: 16279575
32. Quagliarello V, Ginter S, Han L, Van Ness PH, **Allore HG**, Tinetti ME. Modifiable Risk Factors for Nursing Home Acquired Pneumonia. *Clin Inf Dis*. 2005; 40(1):1-6. PMID:15614684 **165 citations**
33. Hardy SE, **Allore HG**, Guo Z, Dubin JA, Gill TM. The Effect of Prior Disability History on Subsequent Functional Transitions. *J Gerontol: Med Sci*. 2006; 61(3):272-277. PMID: 16567377
34. Zeiss CJ, **Allore HG**, Towle V, Tao W. CNTF Induces Dose-Dependent Alterations In Retinal Morphology In Normal And Rcd-1 Canine Retina. *Exp Eye Res*. 2006; 82(3):395-404 PMID: 16143329

35. Gill TM, Gahbauer EA, **Allore HG**, Han L. Transitions Between Frailty States Among Community-living Older Persons. *Arch Int Med*. 2006; 166:418-423. PMID:16505261 **659 citations**
36. Gill TM, **Allore HG**, Hardy SE, Guo Z. The Dynamic Nature of Mobility Disability among Older Persons. *J Am Geriatrics Soc*. 2006; 54(2): 248-254. PMID: 16460375 **174 citations**
37. Leonard R, Drickmer M, **Allore HG**, Tinetti ME. Potentially Modifiable Resident Characteristics that Are Associated with Physical or Verbal Aggression among Nursing Home Residents with Dementia. *Arch Int Med*. 2006. 166(12):1295-1300.
38. Gill TM, Guo Z, **Allore HG**. The Epidemiology of Bathing Disability in Older Persons. *J Am Geriatr Soc*. 2006; 54(10):1524-30.
39. Gross CP, Guo Z, McAvay GJ, **Allore HG**, Young M, Tinetti ME. Multimorbidity and Survival in Older Persons with Colorectal Cancer. *J Am Geriatr Soc*. 2006; 54(12):1898-904. PMID: 17198496 **127 citations**
40. van Duin D, Mohanty S, Thomas V, Ginter S, Montgomery RR, Fikrig E, **Allore HG**, Medzhitov R, Shaw AC. Age-Associated Defect in Human TLR-1/2 Function. *J Immunol*. 2007;178(2):970-5. PMID: 17202359 **254 citations**
41. Peduzzi P, Guo Z, Marottoli RA, Gill TM, Araujo K, **Allore HG**. Improved Self-Confidence Was a Mechanism of Action in Two Geriatric Trials Evaluating Multi-Component Physical Interventions. *J Clin Epid*. 2007; 60(1):94-102. PMID: 17161760
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44. van Duin, **Allore HG**, Mohanty S, Ginter S, Newman FK, Belshe RB, Medzhitov R, Shaw AC. Prevacaine Determination of the Expression of Costimulatory B7 Molecules in Activated Monocytes Predicts Influenza Vaccine Responses in Young and Older Adults. *J. Infectious Disease*. 2007;195(11):1590-7. PMID: 17471428 **120 citations**
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46. Gill TM, Han L, **Allore HG**. Predisposing Factors and Precipitants for Bathing Disability in Older Persons. *J Am Geriatr Soc*. 2007; 55(4):534-40. PMID: 17397431
47. Gill TM, Han L, **Allore HG**. Bath Aids and the Subsequent Development of Bathing Disability in Community-Living Older Persons. *J Am Geriatr Soc*. 2007;55(11):1757-63. PMC2778072
48. Van Ness PH, Murphy TE, Araujo KLB, Pisani MA, **Allore HG**. The Use of Missingness Screens in Clinical Epidemiologic Research Has Implications for Regression Modeling. *J Clin Epid*. 2007; 60(12):1239-45. PMC2443713
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56. Hardy SE, **Allore HG**, Guo Z, Gill TM. Explaining the Effect of Gender on Functional Transitions in Older Persons. *Gerontology*. 2008;54(2):79-86. PMC2695652
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