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**EILEEN M. CRIMMINS
CURRICULUM VITAE**

PERSONAL

Business Address: Andrus Gerontology Center
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EDUCATION

Ph.D., Demography, University of Pennsylvania, Philadelphia, 1974
M.A., Demography, University of Pennsylvania, Philadelphia, 1969
B.A., Mathematics, Chestnut Hill College, Philadelphia, 1968

TEACHING, RESEARCH POSITIONS

AARP Professor of Gerontology, 2010-
Associate Dean of Davis School of Gerontology, 2007 - 2008
Edna M. Jones Professor of Gerontology, 1997-2009
Director, USC/UCLA Center on Biodemography and Population Health, 1999-
Professor of Gerontology and Sociology, University of Southern California, 1992-
Associate Professor of Gerontology and Sociology, University of Southern California, 1986-1992
Assistant Professor of Gerontology, University of Southern California, 1983-1986
Research Assistant Professor of Gerontology Research Institute, University of Southern California, 1982-1983
Research Associate, Department of Economics and Population Studies Center, University of Pennsylvania, 1981-1982.
Visiting Associate in Sociology, California Institute of Technology, 1980-1981
Visiting Assistant Professor of Sociology, Rutgers University, 1978-1980
Assistant Professor of Sociology, University of Illinois at Chicago, 1973-1978
Assistant Professor of Population Sciences and International Health, School of Public Health, University of Illinois at the Medical Center, Chicago, 1974-1978

HONORS

National Academy of Medicine, Member, 2012-
Robert W. Kleemeier Award, Gerontological Society of America, 2012
James Birren Senior Scholar Award, California Council on Gerontology and Geriatrics, 2012
Fellow of the American Association for the Advancement of Science (AAAS) 2011-, Section K Steering Group
Distinguished Alumni Achievement Award, Chestnut Hill College, 2010
University Professor, University of Southern California, 2014
The World's Most Influential Scientific Minds, 2014
Phi Kappa Phi Honor Society, 2015
USC Associates Award for Creativity in Research and Scholarship, 2016
National Academy of Sciences, Member, 2016 -
American Sociological Association Aging and Life Course Section, Matilda White Riley Distinguished Scholar Award, 2018
President PAA, 2020
Taeuber Award, PAA, 2021

Mentoring Award, USC 2021

American Academy of Arts and Sciences - 2022

Provost's Mentoring Award – University of Southern California, 2022

RESEARCH GRANTS

National Institutes of Health

National Institute on Aging

“Social Status and Epigenomics Promoting Health in Three Countries.” CoPI. 2020-2025

“Ethnic-Specific Mitochondrial DNA Variations that Contribute to Dementia.” Co PI. 2019-2020.

“Biological Underpinnings of Socioeconomic Disparities in Health and Mortality at Older Ages.” PI, 2018-2023.

“Education, Early Life Conditions, and Trends in Dementia.” Co PI. 2018-2020.

“Biomarker Cross-Calibration to Investigate International Health Inequalities.” Co PI. 2015-2022.

“Network on Life Course Health Dynamics and Disparities in 21st Century America”. Co PI. 2015-2019.

“Adding Contextual Data to the Health and Retirement Study.” Co PI, 2013-2016.

“Health and Retirement Study.” Co I, 2009-2023.

“Network on Measurement of Biological Risk.” PI, 2010-2027.

“Biomarkers in the China Health and Retirement Survey”, PI, 2009-2013.

“China Health and Retirement Longitudinal Study,” Co I, 2010-2020.

“Preparation of Samples for Investigation of Biological Aging Among The Tsimane,” PI, 2008-2011.

“Biological Risk Underlying Education Health Differences.” P.I., 2003-2009

“USC/UCLA Center on Biodemography and Population Health.” P.I., 1999-2026

“Preparation and Distribution of the NUJLSOA.” 2002-2004

“Biological Explanations of SES Differences in Health.” Principal Investigator, 1999-2003

“Healthy Life Expectancy: Linking Policy and Science.” Principal Investigator, 1999-2001

“Active Life Expectancy in the Older Population.” Principal Investigator, 1993-2001.

“Cognitive Impairment in the Older Population.” Co-Principal Investigator, 1995-1997.

“Does Improvement in Mortality Mean Better Health?” Principal Investigator, 1985-1993.

“The U.S. Mortality Decline: Evidence from Census Data.” Principal Investigator, 1979-1981.

National Institute of Child Health and Human Development

“The Role of Tastes in the Economic Model of Fertility.” Co-principal Investigator, 1975- 1977.

Keck Foundation

“Human Lifespan and Healthspan Across Time and Space”. Principal Investigator, 2008-2010.

AARP

“Measurement of the Impact of Chronic Disease, Disability, and Intervention on the Years of Healthy Life of the Population”. Principal Investigator, 1999-2000.

Social Security Administration

“Trends and Differences in Health and Ability to Work.” Principal Investigator, 1995-1996.
“Implications of Long Range Trends in Mortality for the Health of the Population 55 years and Over.” Principal Investigator, 1984-1985.

Milbank Memorial Fund

“Meeting the Functional Needs of Older Americans: Household Resources and Informal Care Provision and Formal Care Utilization.” Principal Investigator, 1990-1991.

Rockefeller-Ford Foundations

“Determinants of Adoption of Fertility Control in India: A Cross-sectional and Time Series Analysis.” Co-principal investigator with R. Easterlin, S. Jejeebhoy, K. Srinivasan, 1981-1982.

National Academy of Sciences and International Statistical Institute

“Application of a Socio-economic Framework to the Comparative Analysis of WFS Data.” Co-principal investigator with Richard A. Easterlin, 1980-1981.

Department of Labor

“Wife's Labor Force Participation and Fertility: Evidence from the National Longitudinal Surveys.” Principal Investigator, 1978-1979.

University of Southern California Programs

Humanities and Social Sciences

“Gender Differences in Health”, 2007-29008.

Biomedical Research Support Grant

“Changing Health of the Older Working Age Population: A Pilot Project”, 1987-1988, Principal Investigator.

“Increases in Morbidity due to Arthritis Among the Older Population: A Pilot Project”, 1985 - 1986, Principal investigator.

Faculty Research Innovation Fund

“Recent and Prospective Trends in Old Age Mortality”, 1983-1984, Principal investigator.

“Recent Trends in Values, Life Goals and Self Confidence”, 1988-1989, Co-principal Investigator, with R. Easterlin.

Andrus Center - Lexington Grant

“Development of a Methodology for Relating Change Over Time in Mortality and Morbidity”, 1983 - 1984, Principal investigator.

TRAINING GRANTS

National Institute on Aging

“Multidisciplinary Training in Gerontology”, Principal Investigator, 2005-2024.

“Training in the Demography of Aging”, Principal Investigator, 1989-1993.

USC-Project Socrates

“Integration of Information Processing into Gerontology 230 - Life-Span Developmental Sociology”, 1984, Principal Investigator.

“Microcomputers for Gerontological Training in Research and Statistics”, 1985, Principal investigator.

PROFESSIONAL ACTIVITIES

Academy for Health and Lifespan Research, Member 2023

PNAS, Editorial Board, 2023-2026.

National Institute on Aging - Advisory Council, 2016-2020; Board of Scientific Counselors, 2022-2025

Gerontological Society of America, Behavioral and Social Sciences (BSS) Section Member-At-Large, 2013-2015; BSS section nominating committee, 2013-2014; BSS Chair, 2017-2020.

Editor, Biodemography and Social Biology, 2013-2020.

Scientific Advisory Committee – National Disability Survey, 2008 –2011

Integrated Health Interview Series (IHIS) Project – Advisory Board – 2005 - 2008

ABE Foundation – Abe Fellowship Board, 2006-2009

IUSSP - Council Member, 2010-2013

Ipsen Foundation – Jury for Longevity Prize– 2002 – 2018

REVES - Steering Committee, 1993-Present

American Sociological Assn. Section on Aging and the Life Course

Chair, Chair Elect, 2003-2004

Council Member, 1988-1990

Institute of Medicine

Member. Forum on Aging, Disability and Independence, 2011-2014

Interest Group - Biology of Aging, Geriatrics, Chair 2016-2017

National Academy of Sciences

Committee on Population, 2006-2012

Planning Committee for Returning Individual Results from Genome Research Using Population-Based Banked Specimens: A Workshop, 2013-2014

Panel on International Differences in Health, 2011-2012

Panel on Declining Relative Longevity, co-chair, 2008-2010

Panel on Grand Challenges of an Aging Society, 2008-2009

Panel on Race/Ethnic Health Differentials – 2001-2004

Panel on Measuring the Risks and Causes of Premature Death, co-chair, 2013-2014

Advisory Council on Social Security; Technical Panel on Assumptions and Methods, 1994-1995, Chair

Demographic Sub-Panel.

National Center for Health Statistics, Board of Scientific Counselors, 2004-2006; NHANES review panel 2008-2009

Member NIA Monitoring Committees for HRS and AHEAD, 1996- 2007; LONG LIFE Family Study (LLFS) – 2005 -; SAGE; Telomere Research Network 2019-

Advisory Committee to NIA on the LSOAII, Chair, 1994-2001; Future Data Needs Committee, 2006-2008, 201

Board of Directors - Society for the Study of Social Biology, 1995-1998, Secretary- Treasurer, 1998-2007

Population Association of America

President Elect, President – 2019- 2020

Vice President, 2005

Board of Directors, 1992-1994

Finance Committee, 1992-1994; Membership Committee, 2004-2005; Nominations Committee, 2006, 2009; Dorothy S. Thomas Award, Committee Member 1988-1991; Chair, 1990-91; Taeuber Award

Committee Member, 2010-2013, Chair, 2012-2013; GPAC, 2012-2015; Representative to AAAS, 2015-2017; Taeuber Committee, 2023-.

NIH Review Panels, 1987-2020

Board of Advisors, Center on Rural Health and Aging, Pennsylvania State University, 1992 - 1996

Associate Editor, Encyclopedia of Sociology, 1989-1991, 1997

Teaching Award, Andrus Gerontology Center, 1986-1987, 2005-2006

Faculty Scholar, USC, 1985-1986

KCET, Consultant, Series on Population, 1988-1989

Associate Editor - Journal of Gerontology, 1993-2004

Advisory Board, Cosmos, 1985-1986

Associate Editor, Demography

Associate Editor, Journal of Health and Aging, 1987-2009

Associate Editor, Social Science History, 1984-1988

Associate Editor, Pacific Sociological Review, 1976-1980

Editorial Board, Research on Aging, 1989-2002

Fellow, UCLA/USC Long Term Care Gerontology Center, 1982-1987

Program Committee Gerontological Society of America, 1983, 1986, 1988

Co-chair, Program Committee, Social Service History Association, 1981 Annual Meetings

Co-chair, Local Arrangements, SWS, 1978 Annual Meetings

Co-chair, Program Committee, SWS, 1978

Steering Committee, SWS, 1976-1981

Participant, United Nations-sponsored Conference on Population, Geneva, Bucharest, Summer 1974

Co-editor, Concerned Demography: Special Issue on Women, Vol. 4, No.1, Spring 1974

Summer Institute in Survey Research, University of Michigan, 1969

University Committees - University of Southern California

UCAPT – 2019-2022

Committee on Honorary Degrees – 2015-2019

Provost's Research Committee – 2006 -2007

WASC Accreditation Committee – Co-Chair, 2005 - 2010

Committee on Academic Review – 2003 -2006, 2012-2014

Research Committee - 1996-1997, 2006

Committee on Diversity in the Curriculum, 1996-1999, Chair 1998-99

Committee on Interdisciplinary Initiatives – 1995- 1998.

Committee on Promotion and Tenure, 1992-1996, 2019-

Task Force on Faculty Retirement, 1990-1993, 1996

Committee on Academic Policies and Procedures, 1986-1988, 1992-1994

Academic Computing Policy Committee, 1985 - 1988

Faculty Senate, 1985 - 1987

Faculty Environment, 1984 - 1986

Search Committee, Dean of Gerontology, 1985 – 1986, 2005-2006, 2011-2012

Institutional Review Board for Human Subjects, 1983 - 1985

Andrus Gerontology Center Committees

Faculty Council, 1995-2006, Chair 1999-2006, 2011 -2015, 2017-2019

Ph.D. Committee, 1990 -2007, 2012 - ; Chair, 1998 -2007, 2012-2017, 2020-2022.

Curriculum Committee, 1989 - Chair; 1993-1995
Departmental Search Committee, 1984 - 1985, 1987 - 1988, 1990, 1991, 1992-1996, 2012-2014, 2020-
Promotion Committee, 1984; 1987 - 1988, Chair; 1991 - Chair; 1993-1996
Subcommittee on Curriculum, 1983 - 1984, 1993 - 1994
Computer Committee, 1985 - 1988
Planning Committee in Social Gerontology, 1984 - 1985, Chair
Student Services Committee, 1984 - 1985
Project Socrates Committee, 1984 - 1988, Chair
Personnel Committee, 1983 - 1984, Chair; 1985, member; 1996, Chair 1995-1998
Human Subjects Committee, 1983 - 1985, Chair
Gerontology Research Institute Planning Committee, 1983 - 1984

PUBLICATIONS

BOOKS AND MONOGRAPHS

C. Jagger, E.M. Crimmins, Y. Saito, R. Yokata, H. Van Oyen, J.M. Robine (Eds.). International Handbook of Health Expectancies. Springer; Dordrecht, Netherlands, 2020..

E. M. Crimmins, S. H. Preston, and B. Cohen (Eds). Explaining Diverging Levels of Longevity in High-Income Countries. Panel on Understanding Divergent Trends in Longevity in High-Income Countries; National Research Council, 2011.

R. Rogers and E. M. Crimmins (Eds). International Handbook of Adult Mortality, Springer; Dordrecht, Netherlands, 2011.

E. M. Crimmins, S. H. Preston, and B. Cohen (Eds). International Differences in Mortality at Older Ages: Dimensions and Sources, Panel on Understanding Divergent Trends in Longevity in High-Income Countries; National Research Council, 2010.

Y. Zeng, E. M. Crimmins, Y. Carriere, and J.M. Robine (Eds.), Longer Life and Healthy Aging. Springer; Dordrecht, Netherlands, 2006.

J. M. Robine, E. M. Crimmins, S. Horiuchi, and Y. Zeng (Eds.), Human Longevity, Individual Life Duration, and the Growth of the Oldest-old Population, Springer; Dordrecht, Netherlands, 2006.

J.M. Robine, C. Jagger, C. Mathers, E. M. Crimmins, and R. Suzman (Eds.), Determining Health Expectancies. John Wiley & Sons, Ltd.; West Sussex, England, 2003.

R. Easterlin and E. M. Crimmins, The Fertility Revolution: A Supply-Demand Analysis, The University of Chicago Press, 1985.

R. Easterlin and E. M. Crimmins, An Exploratory Study of the 'Synthesis Framework' of Fertility Determination with WFS Data, World Fertility Survey Scientific Report, No.40, International Statistical

Institute: The Netherlands. Reprinted as Report No. 16, Committee on Population and Demography, National Academy of Sciences: Washington, DC, 1982.

OTHER PUBLICATIONS

“Exposure to the Indian Ocean Tsunami shapes the HPA-axis and results in HPA-'burn out' 14 years later.” 2023. Ralph Lawton, Elizabeth Frankenberg, Teresa Seeman, Eileen Crimmins, Cecep Sumantri, Duncan Thomas. PNAS. Forthcoming.

“Associations between Change in Kidney Functioning, Age, and Health Indicators in the Health and Retirement Study.” 2023. Erfei Zhao, Jennifer Ailshire, Jung Ki Kim, Qiao Wu, Eileen Crimmins. Journal of Gerontology, Medical Science. Forthcoming.

“Cohabitation as a determinant of adaptive and innate immune cell profiles: Findings from the Health and Retirement Study.” 2023. Ramya Ramasubramian, Jae Won Kim, Weihua Guan, Helen C.S. Meier, Eileen M. Crimmins, Jessica Faul, Bharat Thyagarajan. Brain, Behavior, and Immunity – Health. Forthcoming.

“Shingles Vaccine Uptake among Older Adults: Identifying Early, Later, and Non-adopters.” 2023. Hyewon Kang, , Jung Ki Kim, Jennifer Ailshire, Eileen M. Crimmins. AJPM Focus. Forthcoming.

”Pre-analytical variables influencing stability of blood-based biomarkers of neuropathology.” Daniel Panikkar, Sithara Vivek, Eileen Crimmins, Jessica Faul, Kenneth M. Langa, Bharat Thyagarajan. Journal of Alzheimer's Disease. Forthcoming.

“Short sleep and insomnia are associated with accelerated epigenetic age.” 2023. Cynthia D.J. Kusters, Eric T. Klopach, Eileen M. Crimmins, Teresa E. Seeman, Steve Cole, Judith E. Carroll. Psychosomatic Medicine. Forthcoming.

”Age-related differences in T cell subsets and markers of subclinical inflammation in aging are independently associated with type 2 diabetes in the Health and Retirement Study.” 2023. Vivek S, Crimmins EM, Prizment AE, Meier HCS, Ramasubramanian R, Barcelo H, Faul J, Thyagarajan B. Can J Diabetes. 2023 Jun 1:S1499-2671(23)00136-3. doi: 10.1016/j.jcjd.2023.05.010. Epub ahead of print. PMID: 37269981. NIHMS1906965

“Occupational Characteristics and Epigenetic Aging among Older Adults in the United States.” 2023. Theresa Andrasfay and Eileen Crimmins. Epigenetics.18:1, 2218763, DOI: 0.1080/15592294.2023.2218763

“Does adding MRI and CSF-based biomarkers improve cognitive status classification based on cognitive performance questionnaires?” 2023. Matthew Farina, Joseph Saenz, Eileen M. Crimmins. Plos One. Forthcoming.

“Towards a consensus definition of allostatic load? a multi-cohort, multi-system, multi-biomarker individual participant data (IPD) meta-analysis.” 2023. Cathal McCrory, Sinead McLoughlin, Richard Layte, Cliona NiCheallaigh, Aisling M. O’Halloran, Henrique Barros, Lisa Berkman, Muriel Bochud, Eileen Crimmins, Meaghan Farrell, Silvia Frag, Emily Grundy, Michelle Kelly-Irving, Dusan Petrovic, Sanna Read, Teresa Seeman, Silvia Stringhini, Peter Vollenveider, Rose Anne Kenny,. Psychoneuroendocrinology Forthcoming

“ADHD genetic burden associates with older epigenetic age: Mediating roles of education, behavioral and sociodemographic factors among older adults.” 2023. Thalida E. Arpawong, Eric T. Klopach, Jung Ki Kim, Eileen M. Crimmins. Clinical Epigenetics. 15, Article number: 67 .

“Cross-national and cross-generational evidence that educational attainment may slow the pace of aging in European-descent individuals.” 2023. Karen Sugden et al. Journal of Gerontology, Series B, Medical Sciences. gbad056, <https://doi.org/10.1093/geronb/gbad056>.

“Aging on the job? The association between occupational characteristics and accelerated biological aging.” 2023. Andrasfay, Theresa, Jung Ki Kim, Jennifer Ailshire, and Eileen Crimmins. Journal of Gerontology: Social Sciences. Forthcoming. The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences. DOI: 10.1093/geronb/gbad055.

“Epigenetic-based Age Acceleration in a Representative Sample of Older Americans: Associations with Aging Related Morbidity and Mortality.” 2023. Jessica D. Faul, Jung Ki Kim, Morgan Levine, Bharat Thyagarajan, David R. Weir, Eileen Crimmins. PNAS: Feb. 20, 2023.

"Prevalence of dementia in India: National and state estimates from a nationwide study." 2022. Jinkook Lee, Erik Meijer, Kenneth M. Langa, Mary Ganguli, Mathew Varghese, Joyita Banerjee, Pranali Khobragade, Albert Weerman, Sandy Chien, Marco Angrisani, Arvind Jain, G.S. Shanthi, Ravi Kurup, Aruna Raman, Sankha Shubhra Chakrabarti, Indrajeet Singh Gambhir, Parvaiz Koul, Debabrata Goswami, Arunanshu Talukdar, Rashmi Ranjan Mohanty, Y. Sathyanarayana Raju Yadati, Mekala Padmaja, Lalit Sankhe, Chhaya Rajguru, Monica Gupta, Govind Kumar, Minakshi Dhar, Prasun Chatterjee, Sunny Singhal, Rishav Bansal, Swati Bajpai, Gaurav Desai, Swaroop Bhatankar, Abhijith R Rao, Palanimuthu T Sivakumar, Krishna Prasad M, Preeti Sinha, Santosh L, Perianayagam Arokiasamy, Sanjay K. Mohanty, Aparjita Chattopadhyay, Dipti Govil, Sarang Pedgaonkar, T.V. Sekher, David E. Bloom, Eileen Crimmins, A.B. Dey. Alzheimer's & Dementia: 13 January 2023, <https://doi.org/10.1002/alz.12928>.

“Estimating the Prevalence of Dementia in India Using a Semi-Supervised Machine Learning Approach.” 2022. Haomiao Jin, E Crimmins, Kenneth M Langa, Aparajit Ballav Dey, Jinkook Lee. Neuroepidemiology. Forthcoming

“The LASI-DAD deep phenotyping and genomic data for the study of cognition and dementia in India” 2023. Jinkook Lee, Sarah Petrosyan, Pranali Khobragade, Joyita Banerjee, Sandy Chien, Bas Weerman, Alden Gross, Peifeng Hu, Jennifer A. Smith, Wei Zhao, Leon Aksman, Judith Saxton, Urvashi Jain, Arvind Jain, G.S. Shanthi, Ravi Kurup, Aruna Raman, Sankha Shubhra Chakrabarti, Indrajeet Singh Gambhir, Mathew Varghese, John P. John, Himanshu Joshi, Parvaiz Koul, Debabrata Goswami,

Arunanshu Talukdar, Rashmi Ranjan Mohanty, Y. Sathyanarayana Raju Yadati, Mekala Padmaja, Lalit Sankhe, Chhaya Rajguru, Monica Gupta, Govind Kumar, Minakshi Dhar, Brenton Keller, Jorge Jovicich, Andrea Ganna, Mary Ganguli, Prasun Chatterjee, Sunny Singhal, Rishav Bansal, Swati Bajpai, Gaurav Desai, Swaroop Bhatankar, Abhijith R Rao, Palanimuthu T Sivakumar, Krishna Prasad Muliyaala, Preeti Sinha, Santosh Loganathan, Erik Meijer, Marco Angrisani, Jungki Kim, Sharmistha Dey, Sarang Pedgaonkar, Perianayagam Arokiasamy, David E. Bloom, Arthur W. Toga, Sharon L. R. Kardia, Kenneth Langa, Eileen Crimmins, Aparajit B. Dey. Scientific Data. Jan 20;10(1):45. doi: 10.1038/s41597-023-01941-6.PMID: 36670106 .

“Socioeconomic status and age-related immunity in older US Adults in the Health and Retirement Study.” 2022. Eric T. Klopach, Bharat Thyagarajan, Jessica D. Faul, Helen C. S. Meier, Ramya Ramasubramanian, Jung Ki Kim, Eileen M. Crimmins. Biodemography and Social Biology. Jul-Dec; 67(3-4):187-202. doi: 10.1080/19485565.2022.2149465. PMID: 36472376. PMCID: PMC9869898

“Links between Inflammation and Immune Functioning with Cognitive Status among Older Americans in the Health and Retirement Study,” Mateo P Farina, Jung Ki Kim, Mark D Hayward, Eileen M Crimmins. 2022. Brain, Behavior, and Immunity. Nov 13;26:100559. doi: 10.1016/j.bbih.2022.100559. eCollection 2022 Dec. PMID: 36439057. PMCID: PMC9694056.

“Racial ethnic and socioeconomic differences in a deficit accumulation frailty index in the Multiethnic Cohort Study.” 2022. Anna H Wu, V. Wendy Setiawan, Daniel O Stram, Eileen M. Crimmins, Chiu-Chen Tseng, Unhee Lim, Song-Yi Park, Kami K White, Iona Cheng, Christopher Haiman, Lynne R Wilkens, Loïc Le Marchand. The Journals of Gerontology: Series A, 2022;, glac216, <https://doi.org/10.1093/gerona/glac216>. PMID: 36255109.

“A blood DNA methylation biomarker for predicting short-term risk of cardiovascular events.” 2022. Andrea Cappozzo, Cathal McCrory, Oliver Robinson, Anna Freni Sterrantin, Carlotta Sacerdote, Vittorio Krogh, Salvatore Panico, Rosario Tumino, Licia Iacoviello, Fulvio Ricceri, Sabina Sieri, Paolo Chiodini, Gareth J McKay, Amy Jayne McKnight, Charlotte Neville, Eileen M Crimmins, Thalida Em Arpawong, Rose Anne Kenny, Aisling O’Halloran, Silvia Polidoro, Giuliana Solinas, Paolo Vineis, Francesca Ieva, Giovanni Fiorito. Clinical Epigenetics. 14: 121, <https://doi.org/10.1186/s13148-022-01341-4>. PMID: 36175966. PMCID: [PMC9521011](https://pubmed.ncbi.nlm.nih.gov/36175966/)

“Mitochondrial DNA variation in Alzheimer’s disease reveals a unique microprotein called SHMOOSE” Brendan Miller, Su-Jeong Kim, Hemal H. Mehta, Junxiang Wan, Kevin Cao, Hiroshi Kumagai, Neehar Thumaty, Naphada Leelaprachakul, Joan Vaughan, Jolene Diedrich, Alan Saghatelian, Thalida E. Arpawong, Eileen Crimmins, Nilüfer Ertekin-Taner, Meral Tubi, Evan Hare, Meredith Braskie, Fran Goldstein, David A. Bennett, Lu Zhao, Arthur W Toga, Kelvin Yen, Pinchas Cohen. Nature Molecular Psychiatry. Forthcoming. PMID: 36127429

“Racial/Ethnic Differences in Biological Aging and their Life Course Socioeconomic Determinants: the 2016 Health and Retirement Study.” 2022. Matthew Farina, Jung Ki Kim and Eileen Crimmins. Journal of Aging and Health, 35(3-4), 209-220. doi: 10.1177/08982643221120743.

“Long COVID and Symptom Trajectory in a Representative Sample of Americans,” 2022. Qiao Wu, Jennifer Ailshire, and Eileen M. Crimmins. Sci Rep. 2022 Jul 8;12(1):11647. doi: 10.1038/s41598-022-15727-0. PMID: PMC8936101

“Food Insecurity, Food Environments, and Disparities in Diet Quality and Obesity in a Nationally Representative Sample of Community-Dwelling Older Americans.” 2022. Yeon Jin Choi, Eileen Crimmins, Jennifer Ailshire. Preventive Medicine Reports. 29, 101912. PMID: PMC9326331.

“Evaluation of T-cell aging-related immune phenotypes in the context of biological aging and multimorbidity in the Health and Retirement Study.” 2022. Ramya Ramasubramanian, Helen Meier², Sithara Vivek, Eric Klopac⁴, Eileen M. Crimmins, Jessica Faul, Janko Nikolich-Žugich, Bharat Thyagarajan. Immunity and Aging. 19(1): 33. PMID: PMC9297609

“Contribution of life course circumstances to the acceleration of phenotypic and functional aging: A retrospective study.” 2022. Xingqi Cao; Chao Ma; Zhoutao Zheng; Liu He; Meng Hao; Xi Chen; Eileen M Crimmins; Thomas M Gill; Morgan E Levine; Zuyun Liu. E Clinical Medicine. Jul 10;51:101548. doi: 10.1016/j.eclinm.2022.101548. eCollection 2022 Sep. PMID: 35844770. PMID: PMC9284373

“Do Social Determinants of Health Explain Racial/Ethnic Disparities in COVID-19 Infection?” 2022. Haena Lee, Theresa Andrasfay, Alicia Riley, Qiao Wu, Eileen Crimmins. Social Science and Medicine. online 3 June 2022, 115098 PMID: PMC9162789

“Mortality and morbidity in ageing men: Biology, Lifestyle and Environment.” 2022. Erfei Zhao and Eileen M. Crimmins. Reviews in Endocrine and Metabolic Disorders. <https://doi.org/10.1007/s11154-022-09737-6>. PMID: 35697963 PMID: PMC9748037

“Lifetime Exposure to Smoking, Epigenetic Aging, and Morbidity and Mortality in Older Adults.” 2022. Eric T. Klopac, Judith E. Carroll, Steve W. Cole, Teresa E. Seeman, Eileen M. Crimmins, Clinical Epigenetics, 14:72 <https://doi.org/10.1186/s13148-022-01286-8>. PMID: PMC9148451

“A computational solution for bolstering reliability of epigenetic clocks: Implications for clinical trials and longitudinal tracking.” 2022. Albert T. Higgins-Chen, Kyra L. Thrush, Yunzhang Wang, Pei-Lun Kuo, Meng Wang, Christopher J. Minter, Ann Zenobia Moore, Christiaan H. Vinkers, Eric Vermetten, Bart P.F. Rutten, Elbert Geuze, Cynthia Okhuisen-Pfeifer, Marte Z. van der Horst, Stefanie Schreiter, Stefan Gutwinski, Jurjen J. Luykx, Luigi Ferrucci, Eileen M. Crimmins, Marco P. Boks, Sara Hägg, Tina T. Hu-Seliger, Morgan E. Levine. Nature Aging. 2, 644–661. <https://doi.org/10.1038/s43587-022-00248-2>. PMID: 36277076, PMID: PMC9586209

“Social stressors associated with higher percentage of age-related T lymphocytes in older US adults: Evidence from the Health and Retirement Study.” 2022. Eric T. Klopac, Eileen M. Crimmins, Steve W. Cole, Teresa E. Seeman, Judith E. Carroll. Proceedings of the National Academy of Sciences. 119 (25) e2202780119. doi: 10.1073/pnas.2202780119. PMID: PMC9231620

“Genetic variation in ALDH4A1 is associated with muscle health over the lifespan and across species.” 2022. Osvaldo Villa, Nicole L. Stuhr, Chia-An Yen, Eileen M. Crimmins, Thalida Em Arpawong, Sean P. Curran. *eLife*. Apr 26, 2022 . doi.org/10.7554/eLife.74308. PMID: PMC9106327

“Accelerated Epigenetic Aging Mediates Link Between Adverse Childhood Experiences and Depressive Symptoms in Older Adults: Results from the Health and Retirement Study.” 2022. Eric T. Klopach, Eileen M. Crimmins, Steve W. Cole, Teresa E. Seeman, Judith E. Carroll, *Social Science & Medicine: Population Health*. 2022 Mar 16;17:101071. doi: 10.1016/j.ssmph.2022.101071. PMID: 35313610; PMID: PMC8933834

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