

Curriculum Vitae  
**COLLIN FREDERICK PAYNE**  
April 2023

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**CONTACT**

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School of Demography  
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The Australian National University  
Acton, ACT, 0200

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**ACADEMIC POSITIONS**

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- 2023-ongoing Associate Professor, *School of Demography, Australian National University, Canberra, Australia*
- 2021-2023 Australian Research Council (ARC) Discovery Early Career Researcher Award (DECRA) Fellow, *School of Demography, Australian National University, Canberra, Australia*
- 2021-2022 Senior Lecturer, *School of Demography, Australian National University, Canberra, Australia*
- 2018-2020 Lecturer, *School of Demography, Australian National University, Canberra, Australia*
- 2015-2017 David E. Bell Fellow, *Harvard Center for Population and Development Studies, Harvard University, Cambridge, USA*

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**EXTERNAL APPOINTMENTS**

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- 2022-ongoing Visiting Faculty Member, *Harvard Center for Population and Development Studies, Harvard University, Cambridge, USA*

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**NATIONALITY**

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Dual US and Australian citizen

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**EDUCATION**

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- 2015 **Ph.D.** Demography (with distinction) *University of Pennsylvania*
- 2011 **M.A.** Demography *University of Pennsylvania*
- 2008 **B.A.** Sociology (Concentration in Analysis and Research) *University of Wisconsin*

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**PUBLICATIONS IN PEER-REVIEWED JOURNALS**

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\* DENOTES SENIOR OR CO-SENIOR AUTHORSHIP, † DENOTES GRADUATE STUDENT CO-AUTHOR

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- 2023 Kim Xu and **Collin F. Payne**. "A growing divide: Trends in social inequalities in healthy longevity in Australia, 2001-2020." Forthcoming at *Population Studies*.  
**Collin F. Payne**, Lilipramawanty K. Liwin, Alisha N. Wade, Brian Houle, Jacques D. Du Toit, David Flood, Jennifer Manne-Goehler. "Impact of diabetes on longevity and disability-free life expectancy among older South African adults: a prospective longitudinal analysis." *Diabetes Research and Clinical Practice*. <https://doi.org/10.1016/j.diabres.2023.110577>
- 2022 **Collin F. Payne**, Brian Houle, Chido Chinogurei, Carlos Riumallo Herl, Chodziwadziwa Kabudula, Lindsay C. Kobayashi, Joshua Salomon, Jennifer Manne-Goehler. "Differences in healthy longevity by HIV status and viral load among older South African adults: an observational cohort modeling study." *The Lancet HIV*. [https://doi.org/10.1016/S2352-3018\(22\)00198-9](https://doi.org/10.1016/S2352-3018(22)00198-9)
- Collin F. Payne**. "Expansion, compression, neither, both? Divergent trends in healthy, disability-free, and morbidity-free life expectancy across US birth cohorts, 1998-2016." *Demography*.

<https://doi.org/10.1215/00703370-9938662>

**Collin F. Payne** and Kim Qinzi Xu. “Life-course socioeconomic status and healthy longevity in China”. *Demography*. <https://doi.org/10.1215/00703370-9830687>

Vladimir Canudas-Romo, Tianyu Shen†, and **Collin F. Payne**. “The Components of Change in Population Growth Rates.” *Demography*. <https://doi.org/10.1215/00703370-9765067>

Carolyn Strange, Fiona Fraser, and **Collin F. Payne**. “Gender, Intimate Partner Homicide and Rurality in early-twentieth-century New South Wales.” Forthcoming at *Social Science History*.

**Collin F. Payne** and Lindsay C. Kobayashi. “Changes in life expectancy and disability-free life expectancy in successive birth cohorts of older cancer survivors: a longitudinal modeling analysis of the US Health and Retirement Study.” *American Journal of Epidemiology*. <https://doi.org/10.1093/aje/kwab241>

- 2021 Alisha N. Wade, **Collin F. Payne**, Lisa F. Berkman, Angela Y. Chang, F. Xavier Gomez-Olive, Chodziwadziwa W. Kabudula, Kathleen Kahn, Joshua A Salomon, Stephen M. Tollman, Miles D. Witham, Justine I. Davies. “Multimorbidity and mortality in an older rural South African population cohort with high prevalence of HIV-findings from the HAALSI study.” *BMJ Open*. <http://dx.doi.org/10.1136/bmjopen-2020-047777>

Vladimir Canudas-Romo, Tianyu Shen†, and **Collin F. Payne**. “The role of reductions of old-age mortality in old-age population growth.” *Demographic Research*. <https://doi.org/10.4054/DemRes.2021.44.44>

†Fred J Barker, Justine I Davies, F Xavier Gomez-Olive, Kathleen Kahn, Fiona E Matthews, **Collin F. Payne**, Joshua A Salomon, Stephen M Tollman, Alisha N Wade, Richard W Walker, Miles D Witham. “Developing and evaluating a Frailty Index for older South Africans – findings from the HAALSI study.” *Age and Ageing*. <https://doi.org/10.1093/ageing/afab111>

†Ben Brinkmann, Justine I. Davies, Miles D. Witham, Guy Harling, Till Bärnighausen, Mamadou Bountogo, Mark J. Siedner, Lucienne Ouermi, Jana Junghanns, Boubacar Coulibaly, Ali Sié, **Collin F. Payne\***, Iliana V. Kohler\*. “Impairment in activities of daily living and unmet need for care among older adults: A population-based study from Burkina Faso.” *Journal of Gerontology: Social Sciences*. <https://doi.org/10.1093/geronb/gbab041>

- 2020 Carolyn Strange, Fiona Fraser, **Collin F. Payne**. “Inter-gender Murder in NSW, 1901-1955: Reconsidering the Laws of the Fraternity.” *The Australian and New Zealand Journal of Criminology*. <https://doi.org/10.1177/0004865820978699>

Iliana V. Kohler, Chiwoza Bandawe, Alberto Ciancio, Fabrice Kämpfen, **Collin F. Payne**, James Mwera, James Mkandawire, Hans-Peter Kohler. “Cohort Profile: The Mature Adults Cohort of the Malawi Longitudinal Study of Families and Health (MLSFH-MAC).” *BMJ Open*. <https://doi.org/10.1136/bmjopen-2020-038232>

†Ben Brinkmann, **Collin F. Payne**, Iliana V. Kohler, Guy Harling, Justine I. Davies, Miles D. Witham, Mark J. Siedner, Ali Sié, Mamadou Bountogo, Lucienne Ouermi, Boubacar Coulibaly, Till Bärnighausen. “Depressive symptoms and cardiovascular disease: a population-based study of older adults in rural Burkina Faso.” *BMJ Open*. <https://doi.org/10.1136/bmjopen-2020-038199>

Nikkil Sudharsanan, Yuan Zhang, **Collin F. Payne**, William H. Dow, and Eileen Crimmins. “Socioeconomic Status and Adult Mortality in Low- and Middle-Income Countries.” *Social Science and Medicine – Population Health*. <https://doi.org/10.1016/j.ssmph.2020.100649>

Lindsay C. Kobayashi, Meagan T. Farrell, **Collin F. Payne**, Sumaya Mall, Livia Montana, Ryan G. Wagner, Kathleen Kahn, Stephen Tollman, and Lisa F. Berkman. “Adverse childhood experiences

and domain-specific cognitive function in a population-based study of older adults in rural South Africa.” *Psychology and Aging*. <http://doi.org/10.1037/pag0000552>

**Collin F. Payne**, Sumaya Mall, Lindsay C. Kobayashi, Kathy Kahn, and Lisa Berkman. “Life-course trauma and later-life health in a post-apartheid South African population.” *Journal of Aging and Health*. <https://doi.org/10.1177/0898264320913450>

†Maria L Odland, **Collin F. Payne**, Miles D Witham, Mark Siedner, Till Barnighausen, Mamadou Buontogo, Boubacar Coulibaly, Pascal Geldsetzer, Guy Harling, Jen Manne-Goehler, Lucienne Ouermi, Ali Sie, Justine Davies. “The epidemiology of multimorbidity in conditions of extreme poverty: a population-based study of older adults in rural Burkina Faso.” *BMJ Global Health*. <https://doi.org/10.1136/bmjgh-2019-002096>

Molly F. Rosenberg, Xavier Gómez-Olivé, Ryan Wagner, Julia Rohr, **Collin F. Payne**, Lisa Berkman, Kathleen Kahn, Stephen Tollman, Till Bärnighausen, Lindsay Kobayashi. “The Relationships between Cognitive Function, Literacy, and HIV Status Knowledge among Older Adults in Rural South Africa.” *Journal of the International AIDS Society*. <https://doi.org/10.1002/jia2.25457>

2019 Miles D. Witham, Justine I. Davies, Till Bärnighausen, Mamadou Bountogo, Jennifer Manne-Goehler, **Collin F. Payne**, Lucienne Ouermi, Ali Sie, Mark J. Siedner, Guy Harling. “Frailty and physical performance in the context of extreme poverty: a population-based study of older adults in rural Burkina Faso.” *Wellcome Open Research*. <https://doi.org/10.12688/wellcomeopenres.15455.1>

Tyler W. Myroniuk and **Collin F. Payne**. “The Longitudinal Dynamics of Household Composition and Wealth in Rural Malawi.” *Journal of Comparative Family Studies*. <https://doi.org/10.3138/jcfs.50.3.003>

**Collin F. Payne** and Rebeca Wong. “Expansion of disability across successive Mexican birth cohorts: a longitudinal modelling analysis of birth cohorts born 10 years apart.” *Journal of Epidemiology and Community Health*. <https://doi.org/10.1136/jech-2019-212245>.

†Angela Y. Chang, F. Xavier Gómez-Olivé, **Collin F. Payne**, Julia Rohr, Jennifer Manne-Goehler, Alisha N. Wade, Nigel Crowther, Ryan G. Wagner, Livia Montana, Joshua A. Salomon. “Chronic multimorbidity among older adults in rural South Africa.” *BMJ Global Health*. <https://doi.org/10.1136/bmjgh-2018-001386>.

Michel Guillot and **Collin F. Payne**. “Tracking progress in mean longevity: The Lagged Cohort Life Expectancy (LCLE) approach.” *Population Studies*. <https://doi.org/10.1080/00324728.2019.1618480>.

Zuyun Liu, Ling Han, Qiushi Feng, Matthew E. Dupre, Danan Gu, Heather G Allore, Thomas M. Gill, **Collin F. Payne\***. “Are China’s oldest-old living longer with less disability? A longitudinal modeling analysis of birth cohorts born 10 years apart”. *BMC Medicine*. <https://doi.org/10.1186/s12916-019-1259-z>.

**Collin F. Payne**, †Luca Maria Pesando, and Hans-Peter Kohler. “Private Intergenerational Transfers, Family Structure, and Health in a sub-Saharan African Context.” *Population and Development Review*. <https://doi.org/10.1111/padr.12225>.

Guy Harling, **Collin F. Payne**, Justine I Davies, F Xavier Gomez-Olive, Kathleen Kahn, Lenore Manderson, Farrah J Mateen, Stephen M Tollman, and Miles D Witham. “Impairment in activities of daily living, care receipt and unmet need in an older rural South African population: findings from the HAALSI study.” *Journal of Aging and Health*. <https://doi.org/10.1177/0898264318821220>.

- 2018 Pascal Geldsetzer, Maria Vaikath, Ryan Wagner, Julia K. Rohr, Livia Montana, F. Xavier Gómez-Olivé, Molly S. Rosenberg, Jennifer Manne-Goehler, Farah J. Mateen, **Collin F. Payne**, Kathleen Kahn, Stephen M. Tollman, Joshua A. Salomon, Thomas A. Gaziano, Till Barnighausen, Lisa F. Berkman. “Depressive symptoms and their relation to chronic diseases and socio-demographic characteristics among older adults in rural South Africa: A cross-sectional population-based study.” *The Journals of Gerontology Series A: Medical Sciences*. <https://doi.org/10.1093/gerona/gly145>.
- Collin F. Payne**, Justine I Davies, F Xavier Gomez-Olive, Katherine Hands, Kathleen Kahn, Lindsay C Kobayashi, Brent Tipping, Stephen M Tollman, Alisha Wade, Miles D Witham. “Cross-sectional relationship between Hemoglobin concentration and measures of physical and cognitive function in an older rural South African Population.” *Journal of Epidemiology and Community Health*. <http://doi.org/10.1136/jech-2018-210449>.
- F. Xavier Gomez-Olive, Livia Montana, Ryan G. Wagner, Chodziwadziwa Kabudula, Julia K. Rohr, Kathleen Kahn, Till Barnighausen, Mark Collinson, David Canning, Thomas Gaziano, Joshua A. Salomon, **Collin F. Payne**, Alisha Wade, Stephen M. Tollman, Lisa Berkman. “Cohort Profile: Health and Aging in Africa: A Longitudinal Study of an INDEPTH Community in South Africa (HAALSI).” *International Journal of Epidemiology*. <https://doi.org/10.1093/ije/dyx247>
- 2017 **Collin F. Payne**, Justine Davies, Alisha Wade, Xavier Gomez-Olive, Chodziwadziwa Kabudula, Steve Tollman, Kathy Kahn, Angela Chang, Josh Solomon, Lisa Berkman, and Miles Witham. “Prevalence and correlates of frailty in an older rural African population: findings from the HAALSI cohort study” *BMC Geriatrics*. <https://doi.org/10.1186/s12877-017-0694-y>
- Collin F. Payne**, Iliana Kohler, Chiwoza Bandawe, Kathy Lawler, and Hans-Peter Kohler. 2017. “Cognition, Health, and Well-Being in a Rural Sub-Saharan African Population.” *European Journal of Population*. <https://doi.org/10.1007/s10680-017-9445-1>
- Lindsay C. Kobayashi, Maria Glymour, Kathleen Kahn, **Collin F. Payne**, Ryan G. Wagner, Livia Montana, Farrah Mateen, Stephen M. Tollman, Lisa F. Berkman. “Childhood deprivation and later-life cognitive function in a population-based study of older rural South Africans.” *Social Science and Medicine* 190: 20-29. <https://doi.org/10.1016/j.socscimed.2017.08.009>
- Iliana V. Kohler, **Collin F. Payne**, Chiwoza Bandawe, and Hans-Peter Kohler. “The Demography of Mental Health among Mature Adults in a Low-Income High HIV-Prevalence Context”. *Demography* 54(4): 1529-1558. <https://doi.org/10.1007/s13524-017-0596-9>
- Collin F. Payne**, and Hans-Peter Kohler. “The Population-Level Impact of Public-Sector ART Rollout on Adult Mortality in Rural Malawi.” *Demographic Research* 36: 1081-1108. <https://doi.org/10.4054/DemRes.2017.36.37> (Editor’s Choice article)
- Collin F. Payne**, F. Xavier Gomez-Olive, Kathleen Kahn, and Lisa Berkman. “Physical function in an aging population in rural South Africa: Findings from HAALSI and cross-national comparisons with HRS sister studies” *Journals of Gerontology Series B: Social Sciences* 72(4): 665-679. <https://doi.org/10.1093/geronb/gbx030>
- 2015 **Collin F. Payne**. “Aging in the Americas: Disability-Free Life Expectancy among Adults Age 65 and Older in the United States, Costa Rica, Mexico, and Puerto Rico.” *The Journals of Gerontology Series B: Social Sciences*. 73(2), 337–348. <https://doi.org/10.1093/geronb/gbv076>.
- 2013 **Collin F. Payne**, James Mkandawire, and Hans-Peter Kohler. “Disability Transitions and Health Expectancies among Adults 45 and over in Malawi: A Cohort Modeling Approach.” *PLOS Medicine* 10(5): e1001435. <https://doi.org/10.1371/journal.pmed.1001435>
- 2010 Katherine J. Curtis and **Collin F. Payne**. “The Differential Impact of Mortality of American Troops in the Iraq War: The Non-Metropolitan Dimension.” *Demographic Research* 23:41-62. <https://doi.org/10.4054/DemRes.2010.23.2>

2009 **Collin F. Payne**. “The Effects of Religious Switching at Marriage on Marital Stability and Happiness.” *Sociological Insight* 1:14-30.

## PAPERS UNDER REVIEW

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†Tianyu Shen and **Collin F. Payne**. “Disability and morbidity among US birth cohorts, 1998-2018: a multidimensional test of dynamic equilibrium theory.” Revise and resubmit at *Demography*.

†Lilipramawanty Liwin and **Collin F. Payne**. “Sex Disparities in Diabetes based on HbA1c: the Role of BMI Trajectory and Socioeconomic Position.” *Under review*.

Kim Xu, †Jessica Yi Han Aw, and **Collin F. Payne\***. “Inequalities in mortality in the Asia-Pacific: A cross-national comparison of socioeconomic gradients.” *Under review*.

†Tianyu Shen, **Collin F. Payne**, and Maria Jahromi. “Dynamics of Health Expectancy: An introduction to Multiple Multistate Method (MMM).” *Under review*.

Vladimir Canudas-Romo, †Tianyu Shen, and **Collin F. Payne**. National population growth rate, its components, and subnational contributions: A research note.” *Under review*.

## POLICY REPORTS

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Tony Blakely, Karin Leder, John Mangan, James McCaw, Jodie McVernon, Warwick McKibbin, Tracy Merlin, **Collin Payne**, John Piggott, Peter Robertson, and Linda Selvey. 2020. The Controlled Adaptation Option. In *COVID-19 Roadmap to Recovery: A Report for the Nation*.  
<https://go8.edu.au/wp-content/uploads/2020/05/Go8-Road-to-Recovery.pdf>

Howard S. Bloom, Saskia Thompson, Rebecca Unterman, Corinne Herlihy, and **Collin F. Payne**. 2010. *Transforming the High School Experience: How New York City's New Small Schools Are Boosting Student Achievement and Graduation Rates*. MDRC.

**Collin F. Payne** and William Corrin. 2009. *Making High School Students into ‘College Material’*. MDRC.

Janet C. Quint, Janell K. Smith, Rebecca Unterman, Alma E. Moedano, Corinne M. Herlihy, Saskia Levy Thompson, and **Collin F. Payne**. 2009. *New York City's Changing High School Landscape: High Schools and Their Characteristics, 2002-2008*. MDRC.

Richelle Winkler and **Collin F. Payne**. 2008. Wisconsin High School Graduate Projections, 2008-2019. University of Wisconsin Applied Population Laboratory.

## GRANT SUPPORT

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2022-2023 ANU Centre on China in the World Chinese Studies Grant Scheme.

Primary Investigator, *Long-Term Impacts of Political Violence on the Health and Wellbeing of China's Elderly*. \$17,856 AUD.

2021-2023 Australian Research Council Discovery Early Career Researcher Award DE210100087.

Primary Investigator, *Advancing Research on Healthy Longevity in Australia and the Asia Pacific*. \$425,394 AUD.

2019-2023 ANU Futures Scheme.

Primary Investigator, *The Future of Ageing and Health in Low- and Middle-income Countries*. award, \$471,947 AUD.

2017-2022 US National Institute of Child Health and Human Development R01 HD087391.

Co-Investigator, *Surviving an Epidemic: Families and Well-Being, Malawi 1998-2022*. PIs Hans-Peter Kohler and Phil Anglewicz. \$1,488,352 USD total costs.

2018-2019 Alexander van Humbolt Foundation

Co-Investigator, *CRSN-Heidelberg Aging Baseline Study in Nouna, Burkina Faso*. PIs Till Bärnighausen and Ali Sié. €220,000 total costs.

2019 ANU-CASS interschool collaborative grant scheme

- Co-Investigator, *The Interdisciplinary History of Homicide in New South Wales, 1901-1990* (with Carolyn Strange and Jason Payne). \$15,000 AUD.
- 2018 ANU-CASS internal grants workshop scheme
- Co-Investigator, *International Workshop on Subnational Life Tables* (with Vladimir Canudas-Romo and Heather Booth). \$8,000 AUD.
- 2018 ANU early-career researcher travel grant, \$3,000 AUD.
- 2011-2014 US National Science Foundation Graduate Research Fellowship, DGE-0822.
- Primary Investigator, *Social Networks, Social Capital, and Health*. \$128,000 USD.
- 2012 US National Science Foundation OISE-1241147.
- Grant to support IIASA Young Scientist Summer Program participation, \$9,000 USD.
- 2010-2011 US National Institute on Aging P30 AG12836.
- T32 training fellowship, \$28,651 USD.

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## EXTERNAL ENGAGEMENT (click on titles for online access)

### Expert Interviews

- 06/2020 *How To Build A City*, WildBear Productions.
- 09/2018 *The 2018 Aging Readiness & Competitiveness Report*, AARP.

### Media Coverage

- 08/2019 *ANU Newsroom*, “Australian men on top when it comes to life expectancy”
- Covered by 30+ media sources including print, online, and radio. Estimated audience in Australia 200,000+
  - Selected print: *Australian Financial Review*, *Daily Mail*, *Campus Review*, *New York Post*
  - Selected radio: ABC Melbourne, ABC Sydney, ABC Canberra, ABC Illawarra, 2CC radio Canberra
- 07/2017 *Today's Research on Aging*, “Dementia Trends: Implications for an Aging America”
- 05/2013 *Africa News Tonight*, “Disabilities Prevent Aging Africans from Being Productive”
- 05/2013 *Penn Current*, “Adults in Malawi are living longer, but with disabilities”
- 08/2010 *Milwaukee Journal-Sentinel*, “Iraq War hits rural US hard”

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## PUBLIC POLICY ACTIVITIES

- 2020 Panelist, ADC-ANU Forum on “How is COVID-19 going to change cities?”
- 2020 Member, Group of Eight (Go8) COVID-19 Recovery Response Taskforce.
- Nominated as one of ~90 academics from across the Group of Eight universities chosen to participate in developing a roadmap for Australia’s COVID-19 recovery, as requested by Australia’s Chief Medical Officer. Co-authored chapter 3 on the “Controlled Adaptation” Strategy.
- 2016 Panelist, Frontiers of Longitudinal Research in Malawi conference, Blantyre, Malawi.
- 2013 Panelist, Aging in Sub-Saharan Africa: Research Opportunities and Policy Challenges. Paris, France.

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## SERVICE TO THE UNIVERSITY

### Australian National University

- 2019-2022 School of Demography outreach coordinator
- 2019- Demography Major design committee

### University of Pennsylvania

- 2012-2015 Member of WXPB (University of Pennsylvania’s public radio station) policy board
- 2012-2015 Advisor, peer-to-peer grant advising program, University of Pennsylvania
- 2013-2014 School of Arts and Sciences representative to the Graduate and Professional Student Association, University of Pennsylvania
- 2012-2013 Graduate Group in Demography representative to the School of Arts and Sciences

student government, University of Pennsylvania

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## **AFFILIATIONS**

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### **Academic Affiliations**

Associate Investigator, ARC Centre of Excellence in Population Ageing Research (CEPAR)  
Academic Member, Australian Centre on China in the World (CIW)

### **Professional Associations**

Population Association of America; Australian Population Association; International Union for the Scientific Study of Population (IUSSP); International Network on Health Expectancy and the Disability Process (REVES).

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## **PROFESSIONAL SERVICE**

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Area chair for Health and Health Behavior sessions, Population Association of America 2023 conference  
Council Member (2021-2023), Australian Population Association

Editor, *Journal of Population Research* special issue on “Demography and COVID-19: risks, responses, and impacts.”

Grant reviewer for: the Australian Research Council, the United States National Science Foundation and the Wellcome Trust.

Member, *World Economic Forum* expert network.

Discussant, sections on “Developing Subnational Life Tables” and “New directions and R Programs,”  
International Workshop on Subnational Life Tables, Canberra, Australia, 16-17 October 2019.

Discussant, section on “Cross-national Comparisons of Aging Patterns,” annual meeting of the Population Association of America, Denver, CO, 26 April 2018.

Reviewer for: *Age and Ageing*, *Demographic Research*, *Demography*, *The Gerontologist*, *International Journal of Epidemiology*, *Journal of Aging and Health*, *Journal of Population Research*, *Journal of the International AIDS Society*, *The Journals of Gerontology Series B: Social Sciences*, *Journal of Global Health*, *The Lancet*, *Population and Development Review*, *Population Studies*, *Social Science & Medicine*.

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## **TEACHING AND COURSE DEVELOPMENT**

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### **Australian National University**

Convener and Lecturer, Principles of Population Analysis (DEMO8008), S1 2019, 2020, 2021, 2022.

Convener and Lecturer, Social Inequalities in Health (DEMO2004), S2 2021, 2022.

Convener and Lecturer, ANU micro-credential course on Comparing Populations (COMPOP).

Guest Lecturer, Global Population Challenges (DEMO1001), S2 2020, S1 2021. Convener: Edith Gray.

- Lecturer for sections on economic development and the epidemiological transition

Guest Lecturer, Population Projections and Dynamics (DEMO8091), S2 2019, 2020. Convener: Vladimir Canudas-Romo.

- Lecturer for section on population aging

### **Harvard T.H. Chan School of Public Health**

Guest Lecturer, Introduction to Demographic Methods (GHP220), Autumn 2017. Convener: Marcia Castro.

- Lecturer for sections on single and multiple decrement life tables.

### **University of Pennsylvania**

Head Tutor, Quantitative Methods I (SOC1 535), Autumn 2014. Instructor: Paul D. Allison.

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## **SUPERVISION**

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## Postdoctoral Fellows

Kim Xu (Academic Level A) (2021- 2023)

## Ph.D. Students

### Primary Supervisor

Tianyu Shen (2021-)

Lilipramawanty Kewok Liwin (2020- )

Nur Cahyadi (2020- )

### Associate Supervisor

Ayumi Malamassam (2019- 2022)

## Research Assistants

Mengxue Chen, 0.2 FTE Casual Research Officer (ANU05) (2023-)

Kim Xu, 1.0 FTE Research Officer (ANU05) (2019-2020)

Jessica Aw, 0.2 FTE Casual Research Officer (ANU04) (2019- 2022)

## HONOURS AND AWARDS

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2018 Population Association of America poster prize

2007 Best student paper, Southern Demographic Association

2007 Alfred Reschke award (top graduating student from the University of Wisconsin Sociology program)

## SELECTED PRESENTATIONS

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Fangqi Wen, Kim Xu, and **Collin F. Payne**. “The Mental Scar of Political Violence: The Long Shadow of the Mao Era.”

*Presented at:* Australian Population Association conference, Canberra, ACT, December 2022.

**Payne, Collin F.** “Social inequalities in healthy longevity in Australia.”

*Presented at:* Demography, economics, and policy in the aged care setting webinar series for the Department of Health Ageing and Aged-care group, Canberra, ACT, May 2022.

**Payne, Collin F.** “Expansion, compression, neither, both? Divergent trends in healthy, disability-free, and morbidity-free life expectancy across US birth cohorts, 1998-2016.”

*Presented at:* Population Association of America conference, Atlanta, GA, April 2022.

**Collin F. Payne**, Brian Houle, Chido Chinogurei, Carlos Riumallo Herl, Chodziwadziwa Kabudula, Lindsay C. Kobayashi, Joshua Salomon, Jennifer Manne-Goehler. “Differences in healthy longevity by HIV status and viral load among older South African adults: an observational cohort modeling study.”

*Presented at:* Population Association of America conference, May 2021; The Lancet Summit: HIV and Healthy Longevity, February 2022.

**Payne, Collin F.**, and Lindsay Kobayashi. “Changes in disability in successive birth cohorts of older cancer survivors: a longitudinal modeling analysis of the U.S. Health and Retirement Study.”

*Presented at:* Population Association of America conference, Washington, DC, April 2020.

**Payne, Collin F.** “Tracking progress in mean longevity in Australia and the Asia-Pacific.”

*Presented at:* The International Alliance of Research Universities workshop on Aging, Longevity, and Health, Canberra, ACT, October 2019.

Strange, Carolyn, and **Collin F. Payne**. “Unnatural Death: Inter-Gender Murder Trends in New South Wales, 1901-1955.”

*Presented at:* International workshop on sub-national life tables, Canberra, ACT, October 2019.

**Payne, Collin F.**, and Lindsay Kobayashi. “Investigating life-course pathways to gender differences in later-life cognitive health among older adults in rural South Africa”



*Presented at:* Population Association of America conference, Austin, TX, April 2019.

Liu, Zuyun, Ling Han, Qiushi Feng, Matthew E. Dupre, Danan Gu, Heather G Allore, Thomas M. Gill, and **Collin F. Payne**. “Is a compression of disability happening in China? A comparative study of oldest-old cohorts born 10 years apart”

*Presented at:* Australian Population Association conference, Darwin, NT, July 2018.

**Payne, Collin F.** and Rebeca Wong “Evidence of an expansion of disability among successive Mexican birth cohorts, 2001-2015: a cohort modeling approach”

*Presented at:* University of Texas-Medical Branch, Galveston, TX, February 2017; USC-UCB Adult Mortality workshop, Berkeley, CA, February 2017; Harvard University Program on the Global Demography of Aging seminar, Cambridge, MA, October 2017; Population Association of America conference, Denver, CO, April 2018; School of Demography Seminar, Australian National University, Canberra, ACT, June 2018.

**Payne, Collin F.**, Farrah Mateen, Lindsay Kobayashi, Kathy Kahn, and Lisa Berkman. “Adverse life events and late-life wellbeing: Risk and resilience in an aging post-Apartheid South African cohort.”

*Presented at:* Colorado University conference on African Population, Environment and Health, Boulder, CO, April 2018

**Payne, Collin F.**, Iliana Kohler, Chiwoza Bandawe, Kathy Lawler, and Hans-Peter Kohler. “Measuring Cognitive Health and its Associations with Well-Being among Older Adults in Rural Sub-Saharan Africa”

*Presented at:* The Australian National University, Canberra, Australia, March 2017; SUNY-Stony Brook, Stony Brook, NY, February 2017; Population Association of America conference, Washington, DC, April 2016; Frontiers of Longitudinal Research in Malawi conference, Blantyre, Malawi, March 2016; Harvard University Program on the Global Demography of Aging seminar, Cambridge, MA, February 2016.

**Payne, Collin F.**, F. Xavier Gomez-Olive, Kathleen Kahn, and Lisa Berkman. “Physical function in an aging population in rural South Africa: Findings from HAALSI and cross-national comparisons with HRS sister studies”

*Presented at:* Population Association of America conference, Washington, DC, April 2016.

**Payne, Collin F.** and Hans-Peter Kohler. “The Population-Level Impact of Public-Sector ART Rollout on Adult Health and Mortality in Rural Malawi”

*Presented at:* Population Association of America conference, Washington, DC, April 2016.

**Payne, Collin F.** 2014. “Aging in the Americas: A cross-national comparison of disability-free life at age 65 and older in the United States, Costa Rica, Mexico, and Puerto Rico.”

*Presented at:* Population Association of America conference, Boston, MA, May 2014; USC-UCB Adult Mortality workshop, Los Angeles, CA, February 2016.

**Payne, Collin F.**, and Hans-Peter Kohler. “Intergenerational Transfers, Family Structure, and health in Rural Malawi.”

*Presented at:* PSC-INED workshop on Aging in sub-Saharan Africa, Paris, France, December 2013

**Payne, Collin F.**, James Mkandawire, and Hans-Peter Kohler. “Disability Transitions and Health Expectancies among Adults 45 and over in Malawi: A Cohort Modeling Approach.”

*Presented at:* Global Health Metrics and Evaluation conference, Seattle, WA, June 2013; Aging and Society conference, Chicago, IL, November 2013.

**Payne, Collin F.** “The Effects of Religious Switching at Marriage on Marital Stability and Happiness.”

*Presented at:* the Southern Demographic Association conference, Birmingham, AL, October 2007.

#### **ADDITIONAL TRAINING AND EXPERIENCE**

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06/2019 Future Shapers Forum, Canberra, ACT, Australia

02/2017 USC/UC-Berkeley Workshop on Adult Mortality Determinants in LMICs, Berkeley, CA, USA

03/2016 College of Medicine conference on Frontiers of Longitudinal Research: Informing health and family policies after the peak of the AIDS epidemic, Blantyre, Malawi

02/2016 USC/UC-Berkeley Workshop on Adult Mortality Determinants in LMICs, Los Angeles, CA, USA  
07/2014 RAND Summer Institute, Santa Monica, CA, USA  
7/13-8/13 Research trip to University of Costa Rica and Nicoya peninsula, Costa Rica  
5/13-6/13 Research assistant on Malawi Longitudinal Study of Families and Health 2013 data collection, Zomba, Malawi  
11/2012 Participant in National Institute on Aging Grants Technical Assistance Workshop, San Diego, CA, USA  
6/12-9/12 International Institute for Applied Systems Analysis (IIASA) Young Scientist Summer Program, Vienna, Austria  
07/2011 NIH/University of California-Santa Barbara workshop on multilevel modeling, Santa Barbara, CA, USA  
06/2011 NIH/Penn State Workshop on spatial regression modeling, State College, PA, USA  
05/2008 Stanford Workshop in Formal Demography, Palo Alto, CA, USA

### **WORK EXPERIENCE**

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2008-10 Technical Research Assistant I/II  
*MDRC*, New York, NY  
2005-08 Research Intern  
*University of Wisconsin Applied Population Laboratory*, Madison, WI