

Curriculum Vitae
COLLIN FREDERICK PAYNE
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EMPLOYMENT

2018- Lecturer (Assistant Professor) of Demography, The Australian National University
2015-2017 David E. Bell Fellow, Harvard Center for Population and Development Studies

EDUCATION

Ph.D. Demography, University of Pennsylvania, 2015 (with distinction)
 Dissertation: "Health and Aging in Low-Resource Contexts: Three Essays on Healthy Life Expectancy in the Developing World"
 Committee: Hans-Peter Kohler (chair), Michel Guillot, Paul Allison
M.A. Demography, University of Pennsylvania, 2011
B.A. Sociology (Concentration in Analysis and Research), University of Wisconsin, 2008

PAPERS PUBLISHED IN PEER-REVIEWED JOURNALS

- Payne, Collin F.**, Iliana Kohler, Chiwoza Bandawe, Kathy Lawler, and Hans-Peter Kohler. 2017. "Cognition, Health, and Well-Being among Older Adults in Rural Sub-Saharan Africa." *European Journal of Population* (forthcoming).
- Kobayashi, Lindsay C., Marcia Glymour, Kathleen Kahn, **Collin F. Payne**, Ryan G. Wagner, Livia Montana, Farrah Mateen, Stephen M. Tollman, Lisa F. Berkman. 2017. "Childhood deprivation and later-life cognitive function in a population-based study of older rural South Africans." *Social Science and Medicine* 190: 20-29. doi: 10.1016/j.socscimed.2017.08.009
- Kohler, Iliana V., **Collin F. Payne**, Chiwoza Bandawe, and Hans-Peter Kohler. 2017. "The Demography of Mental Health among Mature Adults in a Low-Income High HIV-Prevalence Context". *Demography* 54(4): 1529-1558. doi: 10.1007/s13524-017-0596-9
- Payne, Collin F.**, and Hans-Peter Kohler. 2017. "The Population-Level Impact of Public-Sector ART Rollout on Adult Mortality in Rural Malawi." *Demographic Research* 36: 1081-1108. doi: 10.4054/DemRes.2017.36.37
- Payne, Collin F.**, F. Xavier Gomez-Olive, Kathleen Kahn, and Lisa Berkman. 2017. "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. doi: 10.1093/geronb/gbx030
- Payne, Collin F.** 2015. "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*. (ePub ahead of print) doi: 10.1093/geronb/gbv076
- Payne, Collin F.**, James Mkandawire, and Hans-Peter Kohler. 2013. "Disability Transitions and Health Expectancies among Adults 45 and over in Malawi: A Cohort Modeling Approach." *PLOS Medicine* 10(5): e1001435. doi:10.1371/journal.pmed.1001435
- Curtis, Katherine J. and **Collin F. Payne**. 2010. "The Differential Impact of Mortality of American

- Troops in the Iraq War: The Non-Metropolitan Dimension.” *Demographic Research* 23:41-62.
- Payne, Collin F.** 2009. “The Effects of Religious Switching at Marriage on Marital Stability and Happiness.” *Sociological Insight* 1:14-30.

PAPERS UNDER REVIEW

- Gomez-Olive, F. Xavier., 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).” *Revised and resubmitted at International Journal of Epidemiology*.
- Guillot, Michel, and **Collin F. Payne**. “Which Cohort is Currently Reaching its Life Expectancy? Estimating and Interpreting Lagged Cohort Life Expectancy (LCLE).” *Revise and Resubmit at Population Studies*
- Payne, Collin F.**, Luca Maria Pesando, and Hans-Peter Kohler. “Up, Down, and Reciprocal: The Dynamics of Intergenerational Transfers, Family Structure, and Health in Rural Malawi.” *Under review*.
- Payne, Collin F.**, Justine Davies, Alisha Wade, Xavier Gomez-Olive, Chodziwadziwa Kabudula, Steve Tollman, Kathy Kahn, Angela Chang, Josh Solomon, Lisa Berkman, and Miles Witham. “Development and validation of a frailty index in an older rural African population: findings from the HAALSI cohort study” *Under review*.
- Chang, Angela Y., 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. “Epidemiology and determinants of chronic multimorbidity and its impact on physical and mental functioning among older population in rural South Africa.” *Under review*.
- Geldsetzer P, Vaikath M, Wagner R, Rohr JK, Montana L, Gómez-Olivé XF, Rosenberg MS, Manne-Goehler J, Mateen FJ, **Payne CF**, Kahn K, Tollman SM, Salomon JA, Gaziano TA, Bärnighausen T, Berkman LF. “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.” *Under review*.
- Harling, Guy, **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.” *Under review*.
- Payne, Collin F**, Justine I Davies, F Xavier Gomez-Olive, Katherine Hands, Kathleen Kahn, Lindsay C Kobayashi, Joshua Salomon, Brent Tipping, Stephen M Tollman, Alisha Wade, Miles D Witham. “Relationship between Hemoglobin level and measures of physical and cognitive function in an older rural South African population.” *Under review*

CURRENT RESEARCH SUPPORT

- 2017-2022 Investigator, NICHD R01 HD087391 (PIs Hans-Peter Kohler and Phil Anglewicz)
Surviving an epidemic: Families and well-being, Malawi 1998-2022

PAST SUPPORT

- 2011-2014 National Science Foundation graduate research fellowship, grant number DGE-0822, direct costs approx. \$128,000
- 2013 Latin America and Latino Studies program Graduate Student Field Research Grant, direct costs approx. \$1,000

- 2012 National Science Foundation grant to support IIASA Young Scientist Summer Program participation, grant number OISE-1241147, direct costs approx. \$9,000
- 2010-2011 National Institute on Aging T32 training fellowship, grant number P30 AG12836

FELLOWSHIPS, SCHOLARSHIPS, HONORS, AWARDS

- 2015- David E. Bell Fellow, Harvard Center for Population and Development Studies
- 2014-2015 UPenn School of Arts and Sciences dissertation completion fellowship
- 2007 Alfred Reschke scholarship
- 2006 Hilldale Undergraduate Research Fellowship
- 2005-2007 Big-10 Distinguished Scholar award

ADDITIONAL TRAINING AND EXPERIENCE

- 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
- 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

TEACHING EXPERIENCE

- Teaching Assistant, Quantitative Methods I (SOC1 535), Fall 2014. Instructor: Paul D. Allison.
- Average instructor rating: 3.53 (out of a possible 4).

PROFESSIONAL SERVICE

Reviewer for: *The Lancet*, *Social Science & Medicine*, *Journal of the International AIDS Society*, *The Gerontologist*, *Age and Ageing*, *The Journals of Gerontology Series B: Social Sciences*, *Global Public Health*, *European Journal of Aging*, *Research on Aging*, *Global Health Action*, *PLoS ONE*

AFFILIATIONS

Population Association of America, Gerontological Society of America, American Sociological Association, International Network on Health Expectancy and the Disability Process (REVES)

SERVICE TO THE UNIVERSITY

- 2012-2015 Member of WXPB (University of Pennsylvania's public radio station) policy board
- 2012-2015 Advisor, peer-to-peer grant advising program

- 2013-2014 School of Arts and Sciences representative to the Graduate and Professional Student Association
- 2012-2013 Graduate Group in Demography representative to the School of Arts and Sciences student government

PRESENTATIONS

- Payne, Collin F. “The Dynamics of Disability-Free Life Expectancy in Mexico, 2001-03 to 2012-15”
Presented at: University of Texas-Medical Branch, Galveston, TX, February 2017; USC-UCB Adult Mortality workshop, Berkeley, CA, February 2017
- 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; Harvard University Program on the Global Demography of Aging seminar, Cambridge, MA, February 2016; Frontiers of Longitudinal Research in Malawi conference, Blantyre, Malawi, March 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.

MEDIA COVERAGE (click on titles for online access)

- 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”

REPORTS

- Bloom, Howard S, Saskia Thompson and Rebecca Unterman with 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.
- Payne, Collin F, and William Corrin. 2009. *Making High School Students into 'College Material'*. MDRC.
- Quint, Janet C, Janell K. Smith, Rebecca Unterman, and Alma E. Moedano with 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.

RESEARCH SKILLS

Programming and data analysis experience in SAS, STATA, MLwiN, and R and statistical packages.

Familiarity with UNIX, Windows, and Mac OS.

Proficiency in mapping demographic and spatial data using ArcGIS.

Other software capabilities: Microsoft Office suite, Visio, Access, SQL, C, GeoDA.

WORK EXPERIENCE

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

REFERENCES

Dr. Lisa Berkman
Thomas D. Cabot Professor of Public Policy and of Epidemiology
Director, Harvard Center for Population and Development Studies
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Dr. Hans-Peter Kohler
Frederick J. Warren Professor of Demography and Sociology
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