

## CURRICULUM VITAE

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### EDUCATION

PhD in Demography, University of California at Berkeley (May 2004)

- Dissertation: “The Demographic Foundations of Change in U.S. Households in the Twentieth Century”

MA in Statistics, University of California at Berkeley (May 2003)

- Thesis: “A Statistical Time Series Analysis of a Howler Monkey Population”

Certificate of Attendance, Summer Institute in Survey Research Techniques,  
Institute for Social Research, University of Michigan (August 2000)

MA in Demography, University of California at Berkeley (December 1999)

BA in Economics and Mathematics, Yale University (May 1993)

### PUBLICATIONS

Lili Vargha, Bernhard Binder-Hammer, and Gretchen Donehower. (2023). “Time Transfers by Age and Gender in 28 Countries.” *Socius*, 9. <https://doi.org/10.1177/23780231231153615>

Andrew Mason, Ronald Lee, and Members of the NTA Network. (2022). “Six Ways Population Change Will Affect the Global Economy.” *Population and Development Review*, 48(1), 51-73.  
<https://doi.org/10.1111/padr.12469>

Gretchen Donehower and Timothy Miller (2020). “Social Security in the United States.” In: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. Springer, Cham.  
[https://doi.org/10.1007/978-3-319-69892-2\\_533-1](https://doi.org/10.1007/978-3-319-69892-2_533-1)

Mun Sim Lai and Gretchen Donehower (2019). “National Transfer Accounts Project.” In: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. Springer, Cham.  
<https://doi.org/10.1007/978-3-319-69892-2>

Andrew Mason, Sang-Hyop Lee, Ronald Lee and Gretchen Donehower (2019) “Macroeconomics and policies in ageing societies.” Chapter 16 in *Live Long and Prosper? The Economics of Ageing Populations* (pp. 124-131), David E. Bloom (Ed.). VoxEU.org, Center for Economic Policy

Research: London. [https://cdn1.sph.harvard.edu/wp-content/uploads/sites/1288/2019/10/2019-10\\_Bloom\\_VoxEU-eBook\\_Live-long-and-prosper\\_The-economics-of-ageing-populations.pdf](https://cdn1.sph.harvard.edu/wp-content/uploads/sites/1288/2019/10/2019-10_Bloom_VoxEU-eBook_Live-long-and-prosper_The-economics-of-ageing-populations.pdf)

Gretchen Donehower. (2019). "Methodology of the National Time Transfer Accounts." In *Time Use and Transfers in the Americas: Producing, Consuming, and Sharing Time Across Generations and Genders* (pp. 5-40), B. Piedad Urdinola & Jorge A. Tovar (Eds.). Cham, Switzerland: Springer Nature Switzerland. doi:10.1007/978-3-030-11806-8

Gretchen Donehower. (2019). "Gender and Work in the United States and Patterns by Hispanic Ethnicity." In *Time Use and Transfers in the Americas: Producing, Consuming, and Sharing Time Across Generations and Genders* (pp. 119-142), B. Piedad Urdinola & Jorge A. Tovar (Eds.). Cham, Switzerland: Springer Nature Switzerland. doi:10.1007/978-3-030-11806-8

Lili Vargha and Gretchen Donehower (2019) "The quantity-quality tradeoff: a cross-country comparison of market and nonmarket investments per child in relation to fertility." *Population and Development Review*, 45(2): 321-350. <https://doi.org/10.1111/padr.12245>

Jože Sambt, Gretchen Donehower, and Miroslav Verbič (2016) "Incorporating household production into the National Transfer Accounts for Slovenia." *Post-Communist Economies*, 28(2): 249-267.

Jorge Bravo, Mun Sim, Lai, Gretchen Donehower, and Iván Mejía-Guevara (2015) "Ageing and retirement security: United States of America and Mexico." Chapter 5 in *Challenges of Latino Aging in the Americas*. William A. Vega, Kyriakos S. Markides, Jacqueline L. Angel, and Fernando M. Torres-Gil, eds. Springer, Cham. pp. 77-89.

Ronald Lee, Andrew Mason, et al. (2014) "Is low fertility really a problem? Population aging, dependency, and consumption." *Science*, 346(6206):229-234.

Gretchen S. Donehower and Carl Boe (2012) "Appendix A. Population and Related Projections Made by the Committee." Technical Appendix to National Research Council's *Aging and the Macroeconomy: Long-Term Implications of an Older Population*. Committee on the Long-Run Macroeconomic Effects of the Aging U.S. Population. Committee on Population, Division of Behavioral and Social Sciences and Education. Washington, D.C.: The National Academies Press. pp. 219-231.

Douglas A. Wolf, Ronald Lee, Timothy Miller, Gretchen Donehower and Alexandre Genest (2011) "The Fiscal Externalities of Becoming a Parent," *Population and Development Review*, 37 (2): 241-266.

Ronald Lee and Gretchen Donehower (2011) "Private transfers in comparative perspective," Chapter 8 in *Population Aging and the Generational Economy: A Global Perspective*. Ronald D. Lee and Andrew Mason, eds. Edward Elgar, UK. pp. 185-208.

Ronald Lee, Gretchen Donehower, and Timothy Miller (2011) "The changing shape of the economic lifecycle in the United States, 1960 to 2003," Chapter 15 in *Population Aging and the Generational Economy: A Global Perspective*. Ronald D. Lee and Andrew Mason, eds. Edward Elgar, UK. pp. 313-326.

Ronald Lee and Gretchen Donehower (2010) "Population aging, intergenerational transfers, and economic growth: Latin America in a Global Context", *Notas de población*, Issue Number 90. (in Spanish)

Andrew Mason, Ronald Lee, Gretchen Donehower, Sang-Hyop Lee, Tim Miller, An-Chi Tung, Amonthep Chawla. (2009) "National Transfer Accounts Version 1.0." Technical Manual for the National Transfer Accounts project, available through [www.ntaccounts.org](http://www.ntaccounts.org).

K. J. Milton, J. Giacalone, S. J. Wright and G. Stockmayer (2005). "Do Population Fluctuations of Neotropical Mammals Reflect Fruit Production Estimates? The Evidence from Barro Colorado Island." in *Tropical Fruits and Frugivores: The Search for Strong Interactions*. L. Dew and J.P. Boubli, eds. Springer-Verlag, The Netherlands.

Claude S. Fischer, Gretchen Stockmayer, Jon Stiles and Michael Hout (2004). "Distinguishing the Geographic Levels and Social Dimensions of U.S. Metropolitan Segregation: 1960-2000." *Demography*, 41(1): 37-59.

## RESEARCH EXPERIENCE

Project Director (2014-2016) and Principal Investigator (2017-present), Counting Women's Work Department of Demography at the University of California at Berkeley, Development Policy Research Unit at the University of Cape Town, and East West Center, Honolulu, Hawaii.

- Wrote proposals and secured over \$4 million in funding over nine years, shared among UC Berkeley, and research partners at the University of Cape Town and the Population Reference Bureau.
- Supervised research teams in twelve different countries to implement gender estimates into the National Transfer Accounts project, coordinated activities of other regional projects to create over 25 comparable country-level estimates of economic activity by age and gender, including the usually overlooked contributions of unpaid housework and care of children, elders, and community members.
- Fulfilled reporting requirements to funders including research progress and financial reporting
- Wrote and presented research results to audiences at national- and global-level events around the world.
- Undertook related consulting work on unpaid care work by older women for UN ESCAP, on unpaid care work in Iran for UNFPA, and on the methodology of National Time Transfer Accounts for UN DESA.

Academic Specialist, Center for the Economics and Demography of Aging (December 2005 – present)  
Department of Demography, University of California at Berkeley  
Professor Ronald D. Lee

- Develops methodology to produce age- and sex-specific estimates of economic activity at the national level as part of the National Transfer Accounts project (NTA, [www.ntaccounts.org](http://www.ntaccounts.org)); maintains NTA estimates for the United States and trains and advises NTA teams in over 30 other countries; uses results to describe the generational aspect of how nations produce, consume, share and save.
- Coordinates global efforts to incorporate gender perspective into project by creating economic accounts by gender and adding unpaid household production as measured in time use surveys.

- Maintains forecasting and simulation tools developed by researchers affiliated with the Center for the Economics and Demography of Aging (CEDA) and develops new tools in conjunction with CEDA researchers.

Consultant, National Academy of Sciences, Panel on the Economic and Fiscal Consequences of Immigration (2014-2016).

- Provided all analyses to update 1994 panel estimates on fiscal impacts of immigration to 2014 data and situation, altering data and methods based on current conditions.
- Contributed to drafting of chapters on fiscal impacts for published volume “The Economic and Fiscal Consequences of Immigration” published by the National Academies Press (2016).
- Co-authored pieces with panel Chair Francine Blau for online publications such as Vox and Econofact, and contributed to pieces at This American Life and Politifact to disseminate and explain results of fiscal impact analyses; other outreach activities such as public presentations and communication with reporters

Graduate Student Researcher, Century of Difference Project (September 2001 – August 2004)  
Russell Sage Foundation and Survey Research Center at UC Berkeley  
Under Principal Investigators Claude S. Fischer and Michael Hout

- Analyzed data on residential segregation, household, community and cultural change in the United States over the twentieth century. Project used Census aggregate- and micro-level data, large-scale survey data, and demographic microsimulation. Research was compiled in volume published in 2006.

Informal Collaborator, Research on Howler Monkey Demography (January 2002 – December 2003)  
Professor Katharine Milton

- Formulated and ran statistical analyses on demographic field data on Howler Monkeys, estimating population parameters over time and how they related to environmental data on rainfall and food availability in a neotropical forest environment.

Graduate Student Researcher, Beyond Six Billion Project (October 2000 – December 2000)  
Professor Ronald D. Lee

- Ran Monte Carlo simulations to estimate variability in fertility estimates, for National Research Council report “Beyond Six Billion: Forecasting the World’s Population,” published in 2000.

## **TEACHING EXPERIENCE**

Trainer, National Transfer Accounts (NTA) Project (January 2007 – present)  
University of California at Berkeley and East-West Center, Honolulu, Hawaii

- Teaches NTA methods to researchers from all over the world, to describe the generational (age-specific) nature of production, consumption, sharing and saving in their countries.
- Coordinates workshops on adding gender dimension to National Transfer Accounts research

Instructor of Team-Taught Laboratory Course (January – June of 2006 and 2007)  
University of California at Berkeley, Department of Demography

- Assisted students in all laboratory sessions of a graduate-level Demography course. Developed and delivered all lectures and labs for four weeks of the semester.

Head Teaching Assistant (January 2001 – June 2001)

University of California at Berkeley, Department of Demography

- Administered and taught sections of Economic Demography course for 300 students. Supervised six Graduate Student Instructors and Readers.

Graduate Student Instructor (January 2000 – June 2000)

University of California at Berkeley, Department of Demography

- Taught sections for Economic Demography Course.

## **AWARDS**

Poster of the Day Award (October 2017)

International Union for the Scientific Study of Population Conference, Cape Town, South Africa

"Is it men or women who pay for the kids? The gendered division in the contributions to childbearing and implications for fertility," by Lili Vargha, Hungarian Demographic Research Institute; Gretchen Donehower, UC Berkeley; Tanja Istenic, University of Ljubljana, Faculty of Economics

Outstanding Graduate Student Instructor Award (Academic Year 2000-2001)

Graduate Student Instructor Teaching and Resource Center, University of California at Berkeley

Poster Session Award (March 2001)

"Is the prevalence or awareness of infertility rising?"

Population Association of America Annual Meeting, Washington, DC

Four-Year Graduate Student Trainee Fellowship (September 1998 – May 2002)

National Institute of Child Health and Human Development

## **OTHER WORK EXPERIENCE**

United Nations Technical Consultant (Various)

- Currently drafting technical manual on developing National Time Transfer Accounts to estimate the value of unpaid care work by age and sex for the UN Population Division. (2022-present)
- Prepared analysis of unpaid care work and implications for aging societies for UN Economic and Social Commission for Asia and the Pacific (2018)
- Drafted chapters and appendices of technical manual on developing National Transfer Accounts estimates of economic activity by age for UN Population Division. Revised chapters based on several expert group meetings. Manual became an official United Nations technical document. (2010-2012)

Research Statistician (September 2004 – December 2005)

Scientific Learning, Inc., Oakland, CA

- Designed and conducted experiments and performed statistical analyses to evaluate and enhance the impact of software programs on student achievement in language and literacy. Monitored and evaluated research on educational interventions to raise awareness of the company's research in the education community.

Consulting Associate and Team Leader (April 1996 – May 1998)

Cambridge Associates, Inc., Boston, MA

- Managed research, data collection and analysis and client service for institutional investment consulting clients. Managed workflow and professional development for team of six consulting associates.

Mathematics and English Teacher and Teacher Trainer (September 1993 – December 1995)

His Majesty's Government/U.S. Peace Corps, Nepal

- Taught fourth and sixth grade students mathematics and English in rural Nepalese school. Trained secondary-level mathematics teachers in new mathematics curriculum. Wrote, field-tested and revised curricula for Nepalese national teacher training effort.

## **COMPUTER SKILLS**

Advanced programming and statistical analysis ability in Stata, R, SPSS and MS Excel. Competent in SAS and Matlab. Programming experience in C+. Experienced in Windows and Unix/Linux platforms. Word processing in MS Word and mathematical typesetting in Latex.

*Updated: March, 2023*