

CURRICULUM VITAE

Angela M. O'Rand, Ph.D.

Professor Emeritus of Sociology

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CURRENT APPOINTMENTS AND AFFILIATIONS

Professor Emeritus of Sociology

Director of the Center for Population Health and Aging

Director of the Duke University Population Research Institute

EDUCATION, TRAINING AND CERTIFICATIONS

Ph.D., Temple University 1974

M.A., University of Oregon, 1969

DUKE APPOINTMENT HISTORY

Director, Duke University Population Research Institute in the Social Science Research Institute, 2014-present

Faculty Research Scholar of DUPRI's Population Research Center, Duke Population Research Center 2014 - present

Director and Faculty Research Scholar of DUPRI's Center for Population Health & Aging, 2014-present

Dean of the Social Sciences, Trinity College of Arts & Sciences 2009 - 2014

Chair, Department of Sociology, Sociology 2008 - 2009

Professor of Sociology, Sociology 1999 - 2016

Associate Professor with Tenure, Sociology 1987 - 1999

Assistant Professor, Sociology 1979 - 1987

PUBLICATIONS

Academic Articles

Noppert, G., Aiello, A., O'Rand, A.M. and Cohen, H. Investigating pathogen burden in relation to a cumulative index in a representative sample of U.S. adults. *Epidemiology and Infection* (forthcoming).

Brown, TH, O'Rand, AM, and Adkins, D.E. "Race-ethnicity and health trajectories: tests of three hypotheses across multiple groups and health outcomes." *Journal of Health and Social Behavior* 53.3 (September 2012): 359-377. PMID: 22940814.

O'Rand, AM. "Plus ça change, plus c'est la même chose: latest words on "life words"." *J Gerontol B Psychol Sci Soc Sci* 67.2 (March 2012): 235-237. PMID: 22399577.

O'Rand, AM. "2010 SSS Presidential Address: The Devolution of Risk and the Changing Life Course in the United States." *SOCIAL FORCES* 90.1 (September 2011): 1-16.

Oksuzyan, A, Crimmins, E, Saito, Y, O'Rand, A, Vaupel, JW, and Christensen, K. "Cross-national comparison of sex differences in health and mortality in Denmark, Japan and the US." *Eur J Epidemiol* 25.7 (July 2010): 471-480. PMID: 20495953.

O'Rand, AM, Hamil-Luker, J, and Elman, C. "Childhood adversity, educational trajectories, and self-reported health in later life among US women and men at the turn of the century." *Zeitschrift für Erziehungswissenschaft*, 12.3 (September 2009): 409-436.

Elman, C, and O'Rand, AM. "The effects of social origins, life events, and institutional sorting on adults' school transitions." *Social Science Research* 36.3 (September 2007): 1276-1299.

O'Rand, AM, and Shuey, KM. "Gender and the devolution of pension risks in the US." *CURRENT SOCIOLOGY* 55.2 (March 2007): 287-304.

Hamil-Luker, J, and O'Rand, AM. "Gender Differences in the Link between Childhood Socioeconomic Conditions and Heart Attack Risk in Adulthood." *Demography* 44.1 (2007): 137-158. PMID: 17461340.

O'Rand, AM, and Shuey, K. "Old and New Risks for Workers." *Research on Aging* 28 (2006): 317-340.

O'Rand, AM, and Hamil-Luker, J. "Processes of cumulative adversity linking childhood disadvantage to increased risk of heart attack across the life course." *Journal of Gerontology—Social Sciences* 60B (October 2005): 117-124. PMID: 16251582.

O'Rand, AM. "Women in science: Career processes and outcomes." *Social Forces* 82.4 (June 2004): 1669-1671.

Elman, C, and O'Rand, AM. "The race is to the swift: socioeconomic origins, adult education and mid-life economic attainment." *American Journal of Sociology* 110 (2004).

Shuey, KM, and O'Rand, AM. "New risks for workers: Pensions, labor markets, and gender." *Annual Review of Sociology* 30 (2004): 453-477.

O'Rand, AM. "Cumulative Advantage Theory in Aging Research." *Annual Review of Gerontology and Geriatrics* Special Issue (2003): 14-30.

Elman, C, and O'Rand, AM. "Perceived job insecurity and entry into work-related education and training among adult workers." *Social Science Research* 31.1 (March 2002): 49-76.

O'Rand, AM, and Farkas, J. "Couples' Retirement Timing in the US in the 1990s: The impact of market and family role demands on joint and sequential work exits." *International Journal of Sociology* 32 (2002): 11-29.

Elman, C, and O'Rand, AM. "Midlife work pathways and educational entry." *Research on Aging* 20.4 (July 1998): 475-505.

Farkas, JI, and O'Rand, AM. "The pension mix for women in middle and late life: The changing employment relationship." *SOCIAL FORCES* 76.3 (March 1998): 1007-1032.

Suhomlinova, O, and O'Rand, AM. "Economic independence, economic status, and empty nest in midlife marital disruption." *Journal of Marriage and the Family* 60.1 (February 1998): 219-231.

O'Rand, AM. "New editor's statement." *Research on Aging* 20.1 (January 1998): 3-5.

Elman, C, and O'Rand, AM. "Midlife entry into vocational training: a mobility model." *Social Science Research*, 27 (1998): 128-158.

O'Rand, AM. "Observations on the practice of life course research." Ed. J Giele and J G H Elder. *Methods of Life Course Research: Qualitative and Quantitative Approaches* (1998): 52-74.

O'Rand, AM. "The precious and the precocious: understanding cumulative disadvantage and cumulative advantage over the life course." *Gerontologist* 36.2 (April 1996): 230-238. PMID: 8920094.

O'Rand, AM, and Agree, E. "Kin reciprocities, the familial corporation and other moral economies: workplace, family and kin in the modern global context." *Annual Review of Gerontology and Geriatrics*, 13 (1993): 75-95.

Henretta, JC, O'Rand, AM, and Chan, C. "Joint role investments and synchronization of retirement: a sequential approach to couples' retirement timing." *Social Forces* 71 (1993): 981-1000.

O'Rand, AM, and Agree, E. "Kin reciprocities, the familial corporation and other moral economies: workplace, family and kin in the modern global context." *Annual Review of Gerontology and Geriatrics* 13 (1993): 75-95.

Henretta, JC, O'Rand, AM, and Chan, C. "Gender differences in employment after spouse's retirement." *Research on Aging* (1993): 148-169.

Henretta, JC, Chan, CG, and O'Rand, AM. "Retirement reason versus retirement process: examining the reasons for retirement typology." *J Gerontol Social Sciences*, B47.1 (January 1992): S1-S7. PMID: 1730861.

- Brazy, JE, Eckerman, CO, Oehler, JM, Goldstein, RF, and O'Rand, AM. "Nursery Neurobiologic Risk Score: important factor in predicting outcome in very low birth weight infants." *J Pediatr* 118.5 (May 1991): 783-792. PMID: 2019935.
- Krecker, ML, and O'Rand, AM. "Contested milieux: Small firms, unionization, and the provision of protective structures." *Sociological Forum* 6.1 (March 1, 1991): 93-117.
- O'Rand, AM, and Krecker, ML. "Concepts of the 'life cycle': their history, meanings, and uses in the social sciences." *Annual Review of Sociology* 16 (1990): 241-263.
- DeViney, S, and O'Rand, AM. "Gender-cohort succession and retirement among older men and women: 1951-1984." *Sociological Quarterly* (1988): 47-61.
- O'Rand, AM. "Convergence, institutionalization, and bifurcation: gender and the pension acquisition process." *Annu Rev Gerontol Geriatr* 8 (1988): 132-155. (Review) PMID: 3148311.
- O'Rand, AM, and MacLean, VM. "Labor markets, pension rule structure and retirement benefit promise for long term employees." *Social Forces* 65 (September 1986): 224-240.
- O'Rand, AM. "The hidden payroll: Employee benefits and the structure of workplace inequality." *Sociological Forum* 1.4 (1986): 657-683.
- O'Rand, AM, and Landerman, R. "Women's and men's retirement income status. Early family role effects." *Res Aging* 6.1 (March 1984): 25-44. PMID: 6544974.
- Velsor, V, and O'Rand, AM. "Family life cycle, work career patterns and women's wages at midlife." *Journal of Marriage and the Family* 46 (1984): 365-373.
- O'Rand, AM. "Loss of work role and subjective health assessment in later life among men and unmarried women." Ed. A Kerckhoff. *Research in the Sociology of Education and Socialization* 5 (1983): 265-286.
- Henretta, JC, and O'Rand, AM. "Joint retirement in the dual worker family." *Social Forces* 62 (1983): 504-520.
- O'Rand, AM, and Henretta, JC. "Women at middle-age: developmental transitions." *The Annals of the American Academy of Political and Social Science* 464 (November 1982): 57-65.
- O'Rand, AM, and Henretta, JC. "Delayed career entry, industrial pension structure and early retirement in a cohort of unmarried women." *American Sociological Review* 47 (June 1982): 365-373. (Academic Article)
- Henretta, JC, and O'Rand, AM. "Labor-force participation of older married women." *Soc Secur Bull* 43.8 (August 1980): 10-16. PMID: 7423356.
- O'Rand, AM. "Professional standing and peer consultation status among biological scientists at a summer research laboratory." *Social Forces* 55 (June 1977): 921-37.
- O'Rand, AM, and Ellis, RA. "Social class and social time perspective." *Social Forces* 53 (September 1974): 53-62.

Books

- Hughes, ME, and O'Rand, AM. *The Lives and Times of the Baby Boom* (Census 2000 monograph). New York: Russell Sage/Population Reference Bureau, 2004.
- O'Rand, AM, and Henretta, JC. *Age and Inequality: Diverse Pathways Through Later Life*. Westview Press, 1998.
- Osterbind, CC, and O'Rand, AM. *Older People in Florida: A Statistical Abstract 1978*. Ed. UPO Florida. University Presses of Florida, 1978.

Book Chapters

- O'Rand, A.M. and S. M. Lynch. "SES, health and mortality in the aging population." *New Directions in the Demography of Aging*. Eds. M. Hayward and M. Majumdar. National Academy Press, 2018 (forthcoming).
- O'Rand, A. M. "Long, broad and deep: new directions in aging and inequality." *Handbook of Theories of Aging*. Eds. V.L. Bengtson and R. Settersten. Springer, 2016, 365-380.
- O'Rand, A.M. and A. Bostic. "Lags and Leaps: the dynamics of demography, economy and policy and their implications for life course research." *The Handbook of the Life Course, Vol II*. Eds. M. Shanahan, J. Mortimer and M. Johnson. Springer, 2016, 705-720.

- O'Rand, A. M. "Aging and the life course." *Emerging Trends in the Behavioral and Social Sciences: An Interdisciplinary, Searchable, Linkable Resource*. Eds. R.A. Scott and S.M. Kosslyn. Wiley Online, 2014. <http://onlinelibrary.wiley.com/doi/10.1002/9781118900772.etrds0006/pdf>.
- Remle, RC, and O'Rand, AM. "Intergenerational solidarity in blended families: the inequality of financial transfers to adult children and stepchildren." *Kinship and Cohort in an Aging Society: From Generation to Generation: Continuity and Change in Aging Families*. Ed. M Silverstein. Johns Hopkins University, 2013. 31-58.
- O'Rand, AM. "The devolution of risk and the changing life course (reprint)." *Researching Social Gerontology*. Ed. M Cutchin, C Kemp, and V Marshall. Sage Publishers, 2013.
- O'Rand, AM. "The Changing Life Course." *The Wiley-Blackwell Companion to Sociology*, 2012. 197-211.
- O'Rand, AM, and Hamil-Luker, J. "Late employment careers, transitions to retirement, and retirement income in the united states." *Ageing Populations, Globalization, and the Labor Market: Comparing Late Working Life and Retirement in Modern Societies*. Eds. H-P Blossfeld, S. Buchholz, and K. Kurz. Edward Elgar, 2011, 283-307.
- O'Rand, AM. "The Devolution of Risk and the Changing Life Course." *The New Blackwell Companion to Sociology*. Ed. G Ritzer. Blackwell, 2011.
- O'Rand, AM, and Ebel, D. "Private Pensions in International Perspective." *International Handbook of Population Aging*. Ed. PU ed. Springer-Verlag, 2009. 429-444.
- O'Rand, AM, Isaacs, K, and Roth, L. "Age and Inequality in Global Context." *The International Handbook of Social Gerontology*. Ed. WD Dannefer and CR Phillipson. Sage, 2009. 127-136.
- O'Rand, AM. "Cumulative processes in the life course." *The Craft of Life Course Research*. Ed. J Glen H Elder and JZ Giele. Guilford, 2009. 121-140.
- O'Rand, AM, and Glen H Elder, J. "Changing Societies and Changing Lives." *Within the Social World: Essays in Social Psychology*. Ed. J Chin and C Jacobson. Longman, 2008. 202-216.
- O'Rand, AM. "Stratification and the life course: Life course capital, life course risks, and social inequality." *Handbook of Aging and the Social Sciences*. December 1, 2006. 145-162.
- O'rand, AM. "Retirement." *Blackwell Encyclopedia of Sociology*. Blackwell Publishing, 2006.
- O'Rand, AM. "Theories of aging and the life course." *Blackwell Encyclopedia of Sociology*. Blackwell Publishing, 2006.
- O'Rand, AM. "When old age begins: Implications for health, work and retirement." *Age-Based Public Policy in the 21st Century*. Ed. RB Hudson. Baltimore: Johns Hopkins University Press, 2005.
- O'Rand, AM. "The future of the life course: Late modernity and life course risks." *Handbook of the Life Course*. Ed. JT Mortimer and M Shanahan. New York: Plenum, 2003. 693-701.
- O'Rand, AM. "Retirement patterns." *The Macmillan Encyclopedia of Aging*. Ed. DJ Ekerdt. New York: Macmillan, 2001.
- O'Rand, AM. "Perpetuating women's disadvantage: trends in U.S. private pensions, 1976-1995." *Women, Work and Pensions: International Issues and Prospects*. Ed. J Ginn, S Arber, and D Street. Buckingham UK: Open University Press, 2001. 230-256.
- O Rand, AM. "Stratification and the life course: the forms of life course capital and their interrelationships." *Handbook on Aging and the Social Sciences*. Ed. RB Binstock and LK George. New York: Academic Press, 2001. 197-216.
- O Rand, AM. "Women: their changing status (pp. 1061); Gender (pp. 414-415); and The employee income retirement security act (ERISA) (pp. 330-331)." *The Encyclopedia of Aging*. Ed. GL Maddox. New York: Springer, 2000.
- O Rand, AM. "Risk, rationality and modernity: Social policy and the aging self." *Societal Impact on the Aging Self*. Ed. KW Schaie and J Hendricks. Springer, 2000. 225-249.
- O Rand, AM. "Social inequality." *The Encyclopedia of Sociology*. Ed. EF Borgatta and ML Borgatta. MacMillan, 2000. 2690-2695.
- O Rand, AM, and Campbell, RT. "On re-establishing the phenomenon and specifying ignorance: research design and theory development in aging." *Handbook of Theories on Aging*. Ed. V Bengtson and KW Schaie. Springer, 1999. 59-78.

- Elman, C, and O'Rand, AM. "Midlife entry into vocational training: a mobility model." *Social Science Research*. 1998. 128-158.
- O'Rand, AM. "Structuration and individualization: the life course as a continuous multi-level process." *Generating Social Stratification*. Ed. AC Kerckhoff. Westview Press, 1996. 3-16.
- O'Rand, AM. "Context, selection and agency in the life course: linking social structure and biography." *Society and Biography: Interrelationships Between Social Structure, Institutions, and the Life Course*. Ed. A Weymann and WR Heinz. Deutscher Studien Verlag, 1996. 67-81.
- O'Rand, AM. "Women and retirement." *Encyclopedia of Women and Work*. Garland Press, 1996. 25-27.
- O Rand, AM. "Women: their changing status; Gender; and The employee income retirement security act (ERISA)." *The Encyclopedia of Aging*. Ed. GL Maddox. Springer, 1995. 974-977; 392-393; and 307-308-974-977; 392-393; and 307-308.
- O'Rand, AM, and Rix, S. "Equal employment opportunity commission (EEOC)." *The Encyclopedia of Aging*. Ed. GL Maddox. Springer, 1995. 327-328.
- O Rand, AM. "The cumulative stratification of the life course." *Handbook of Aging and the Social Sciences*. Ed. R Binstock and LK George. Academic Press, 1995. 188-207.
- Elder, J, and O'Rand, AM. "Adult lives in a changing society." *Sociological Perspectives on Social Psychology*. Ed. K Cook, G Fine, and J House. 1995. 452-475.
- O'Rand, AM. "Mathematizing social science in the 1950's: the early development and diffusion of game theory in the social sciences." *History of Political Economy*. 1992. 177-204.
- O'Rand, AM. "Social inequality." *The Encyclopedia of Sociology*. Ed. EF Borgatta and ML Borgatta. MacMillan, 1992. 1850-1856.
- O'Rand, AM, Henretta, JC, and Krecker, ML. "Family pathways to retirement." *Family Retirement*. Ed. M Szinovacz. Sage, 1992. 81-98.
- O'Rand, AM. "Stratification and the life course." *The Handbook of Aging and the Social Sciences*. Ed. R Binstock and LK George. New York: Academic Press, 1990. 130-148.
- O'Rand, AM. "Scientific thought style and the construction of gender inequality." *Women and the Academy: Feminist Reconstruction of Knowledge*. Ed. JO Barr. University of Wisconsin Press, 1989. 103-120.
- Campbell, RT, and O'Rand, AM. "Settings and sequences: the heuristics of aging research." Ed. JE Birren and V Bengtson. *Emergent Theories of Aging: Psychological and Social Perspectives on Time, Self and Society (1988)*: 58-82.
- O Rand, AM. "Gender (p. 271); Sex Roles (pp. 604-606); Women: Their Changing Status (pp. 697-699); Equal Employment Opportunity Commission (EEOC) (p. 24) and Employment Retirement Income Security Act (ERISA) (pp. 205-206)." *The Encyclopedia of Aging*. Ed. GL Maddox. New York: Springer, 1987.
- O'Rand, AM. "Knowledge form and scientific community: early experimental biology and the marine biological laboratory." Ed. G Bohme and N Stehr. *The Knowledge Society, Sociology of the Sciences Yearbook 10 (1986)*: 183-202.
- O'Rand, AM. "Women." *Handbook on the Aged in the U.S.* Ed. E Palmore. Greenwood Press, 1984. 125-142.
- O Rand, AM. "Socioeconomic status and poverty." *Research Instruments in Social Gerontology*. Ed. DJ Mangan and WA Peterson. University of Minnesota Press, 1982. 281-341.
- O'Rand, AM, and Henretta, JC. "Midlife work history and retirement income." *Women's Retirement: Policy Implications of Recent Research*. Ed. M Szinovacz. Sage Publications, 1982. 25-44.
- von Mering, O, and Rand, AM. "Illness and the organization of health care: a sociocultural perspective." *Dimensions of Aging, Culture and Health*. Ed. CL Fry and CL Fry. New York: J.F. Bergin Publishers, 1981. 255-270.

Book Reviews

- O'Rand, AM. "The Transition to Adulthood in the Vietnam Era by Timothy Owens." *Social Forces* 84 (2006): 2365-2367.

O'Rand, AM. "Women in Science: Career Processes and Outcomes by Yu Xie and Kimberlee A. Shaumann." *Social Forces* 82 (2004): 1669-1671.

O'Rand, AM. "Ending a Career in the Auto Industry (Plenum, 1996) by Melissa A. Hardy, Lawrence Hazelrigg and Jill Quadagno." *American Journal of Sociology* 103 (1998): 1122-1124.

O'Rand, AM. "The Social Networks of Older People: A Cross-National Analysis (Praeger, 1996)." Ed. H Litwin. *Contemporary Gerontology* 4 (1998): 34-35.

O'Rand, AM. "What do we know and when do we know it? A self-exemplifying tale of gender politics and the popular production of knowledge." *Annual Review of Conflict Knowledge and Conflict Resolution* 23 (1993): 285-290.

O'Rand, AM. "Minerva's owl flies at dusk." *The Gerontologist* 29 (1989): 835-837.

O'Rand, AM. "Research in Social Stratification and Mobility, Volume 5 (JAI Press, 1986) edited by R.V. Robinson." *Contemporary Sociology* (1988).

O'Rand, AM. "Later Life: The Social Psychology of Aging (Sage 1986) edited by V.W. Marshall." *Social Forces* (1986).

O'Rand, AM. "Older Women: Issues and Prospects (Lexington Books, 1983) edited by Elizabeth W. Markson." *Social Forces* (1984): 606-608.

O'Rand, AM. "Equal Employment Policy for Women (Temple University Press, 1980) by R.S. Ratner." *Sociology of Work and Occupations* (1983): 377-378.

O'Rand, AM. "Chemistry Transformed: The Paradigmatic Shift from Phlogiston to Oxygen (Ablex Publishing, 1978) by H. Gilman McCann." Ed. R Allen. *The Eighteenth Century* (1983).

O'Rand, AM. "The Structure of the Social Sciences: A Philosophical Introduction (Allen & Unwin, Ltd., 1974) by Michael Lesnoff." *American Journal of Sociology* (1975): 226-227.

Reports

O Rand, AM. *The Vulnerable Majority: Older Women in Transition*. 1994.

O Rand, AM. *Income maintenance in retirement and the need to rethink family policy*. 1983.

PROFESSIONAL AWARDS AND SPECIAL RECOGNITION

Aging and the Life Course Section/Matilda White Riley Distinguished Scholar Award. American Sociological Association. 2008

GRANTS, FELLOWSHIPS AND SUPPORTED RESEARCH

Behavioral and Physiology in Aging, awarded by National Institutes of Health, 2015 - 2020 (Mentor)

Center for Population Health and Aging, awarded by National Institutes of Health, 2009 - 2019 (Principal Investigator)

SANDERS Admin Supp: Using Response Time Data from Social Science Surveys to Model Cognition and Early Alzheimer's Disease, awarded by National Institutes of Health, 2009 - 2019 (Principal Investigator)

Behavior And Physiology In Aging, awarded by National Institutes of Health, 1999 - 2015 (Mentor)

Childhood Exposures and Adulthood Cardiovascular Disease, awarded by National Institutes of Health, 2006 - 2007 (Principal Investigator)

The Determinants and Consequences of Midlife Education, awarded by National Science Foundation , 1998 - 2000 (Principal Investigator)

(93-0332) Joint Retirement in Two-Worker Couples, awarded by National Institutes of Health, 1992 - 1993 (Principal Investigator)

(89-0380) Effects of Competing Social Interest Groups on the Development of Contraceptive Technology, awarded