

## CURRICULUM VITA

# Dale T. Mortensen

### I. PERSONAL DATA

Born: February 2, 1939  
Married: Beverly Patton Mortensen  
Office: Department of Economics, Northwestern University,  
2003 Sheridan Road, Evanston IL 60208  
E-mail: [d-mortensen@northwestern.edu](mailto:d-mortensen@northwestern.edu)  
Phone: (847) 491-8230  
Fax: (847) 491-7001

II. EDUCATION: Willamette University; B.A. (Economics), 1961  
Carnegie-Mellon University, Ph.D. (Economics), 1967

### III. PROFESSIONAL APPOINTMENTS AND ASSOCIATIONS

#### Academic Appointments:

Graduate Instructor, Carnegie-Mellon University, 1964-1965  
Research Assistant, Carnegie-Mellon University, Summers 1964 and 1965  
Assistant Professor of Economics, Northwestern University, 1965-71  
Associate Professor of Economics, Northwestern University, 1971-75  
Professor of Economics, College of Arts and Sciences, Northwestern University 1975-  
Fellow, Institute of Advanced Study, Hebrew University, 1979  
Department Chairman, Department of Economics, 1979-1982  
Professor of Managerial Economics and Decision Sciences, Kellogg School of  
Management, Northwestern University 1980-present  
Director, Mathematical Methods in the Social Sciences Program, 1982-84, 1992-2000  
Visiting Professor of Economics, Cornell University, Fall, 1984  
Visiting Morgenstern Professor of Economics, New York University Spring 1985  
Visiting Professor of Economics, Hebrew University, Summer, 1985  
Ida C. Cook Professor of Economics, Northwestern University, 1985-present  
Visiting Economist, Central Institute of Mathematics-Economics, USSR Academy of  
Sciences, Moscow, USSR Summer 1989  
Visiting Professor of Economics, Department of Economics and the British Household  
Panel Study, University of Essex, Wivenhoe Park, Colchester, U.K., Fall 1993.  
Visiting Professor of Economics, California Institute of Technology, Winter 1994.  
Visiting Fellow, Economics Program, Research School of Social Sciences, The  
Australian National University, Summer 1996.  
Visiting Researcher, Centre for Labor Market and Social Research, Aarhus University,  
Aarhus, Denmark, April-September 1998.  
Research Fellow, Institute for the Study of Labor (IZA), Bonn Germany, 2001-  
Research Associate of the National Bureau of Economic Research, Cambridge Ma, 2005-

Professional Associations, Appointments and Offices:

Member of American Economics Association, Econometric Society, Society of Economic Dynamics, Society of Labor Economics  
*American Economic Review* Board of Editors, 1988-90  
 AEA Advisory Board to the U.S. Bureau of Census, 1987-1993  
 Advisory Board of the Tinbergen Institute, Amsterdam, The Netherlands, 1995-2001  
 President of the Society for Economic Dynamics, 1995-2000.  
 Editor, *Review of Economic Dynamics*, 1997-1999

#### IV. GRANTS:

National Science Foundation (with F. Brechling), "Dynamics of Employment," 1968-72.  
 U.S. Dept. Of Labor, "Job Matching," Summer 1973.  
 U.S. Dept. Of Labor, "Middlemen in the Labor Market," Summer 1974.  
 National Science Foundation (with K. Burdett) "Collaborative Research On Theories of Job-Worker Matching," June 1977-Sept 1979.  
 National science foundation (with K. Burdett), Collaborative Research on "Information, Uncertainty, and Labor Market Equilibrium," March 1980-1982.  
 Sept National Commission on Employment Policy (with G. Neumann, N. Kiefer, and K. Burdett), "The Natural Rate of Unemployment: Theory, Estimation, and Policy," May 1980 May 1982.  
 U.S. Dept of Labor (with G. Neumann), "Job Transitions," Oct. 1983-Oct. 1984.  
 National Science Foundation (with G. Neumann), "Collaborative Research in Theoretical and Empirical Methods in Applied Statistical Dynamic Programming, September 1985-February 1987.  
 National Science Foundation, "The Role of Allocative Shocks in Labor Market Equilibrium," July 1993 - June 1995.  
 National Science Foundation, "Recursive Competitive Search Equilibrium: Labor Market Applications," July 1995-July 1997, SBR-9511111.  
 National Science Foundation, "Modeling Matched Job-Worker Flow Data," July 1999-July 2002, SES-9975207.  
 National Science Foundation, (with R. Lentz), "Collaborative Research on Productivity Differences, Firm Evolution and Worker Reallocation," July 2005 - July, 2008.

#### V. PROFESSIONAL HONORS AND LECTURES:

Fellow of the Institute of Advanced Studies, Hebrew University 1977-78.  
 Fellow of the Econometric Society, elected in 1979.  
 Plenary Speaker, 1992 Meeting of the Society for Economic Dynamics and Control, Montreal, Canada, June 1992.  
 President of the Society for Economic Dynamics and Control, 1995-2000  
 Invited Speaker, 1996 Meeting of the New Zealand Association of Economics, Auckland New Zealand, August 1996.

Keynote Speaker, 1996 Meeting of the European Association of Labor Economics, Chania, Crete, September 1996.  
 Fellow of American Academy of Arts and Sciences, elected 2000  
 Zeuthen Lecturer, University of Copenhagen, November 2000  
 Mackintosh Lecture, Queens University, March 2002  
 Schumpeter Lecture Series, Humboldt University, June 2002  
 Klein Lecture, University of Pennsylvania, April 2004  
 Marshall Lecture, European Economic Association Meeting, Madrid Spain, August 2004.  
 Lansdowne Lecture, University of Victoria, March 2005.  
 Elected Fellow of the Society for Labor Economics, 2005.  
 Appointed as a Research Fellow of the National Bureau of Economic Research, 2005.

## VI. RESEARCH CONTRIBUTIONS

### A. Books

*Wage Dispersion: Why are Similar People Paid Differently*. Cambridge: MIT Press. Hardback edition, 2003. Paper back edition, 2004.

### B. Articles in Books and Conference Volumes

- "A theory of wage and employment dynamics" in E.S. Phelps et.al., *Microeconomic Foundations of Employment and Inflation Theory*, New York: W.W. Norton and Co., Inc., 1970, pp. 167-211.
- "Job matching under imperfect information," in Orley Ashenfelter, ed., *Evaluating The Labor Market Effects of Social Programs*, Princeton, N.J.: Princeton university press, 1976.
- "The matching process as a non-cooperative/bargaining game," in J.J. McCall, ed., *The Economics of Information and Uncertainty*, New York: NBER Conference Volume, 1982.
- "Steady states as natural rates in a dynamic labor supply model" (joint with K. Burdett, N. Kiefer, and G. Neumann) in G. Neumann and N. Westergaard-Nielsen, eds., *Labor Market Dynamics*. Heidelberg: Springer-Verlag, 1984.
- "Choice of chance? A structural interpretation of individual labor market histories" (joint with G. Neumann), in G. Neumann and N. Westergaard-Nielsen, eds., *Labor Market Dynamics*. Heidelberg: Springer-Verlag, 1984.
- "Job search and labor market analysis" in O. Ashenfelter and R. Layard, eds., *Handbook of Labor Economics*. Amsterdam: Elsevier Science Publishers, 1986.
- "Estimating structural models of unemployment and job duration" (with G. Neumann) in *Dynamic Econometric Modeling*, Proceedings of the Third International Symposia in Economic Theory and Econometrics edited by W. A. Barnett, E. Berndt, and H. White. Cambridge: Cambridge University Press, 1988.
- "Interfirm mobility and earnings" (with G. Neumann) in Neumann and Kiefer, *Search Theory and Applied Labor Economic*, 1988, pp 247-283.
- "A structural model of UI benefit effects on the incidence and duration of unemployment" in *Advances in the Theory and Measurement of Unemployment*, G. Fishelson and Y. Weiss,

- eds., Macmillan Press, 1990.
- “Equilibrium Wage Distributions: A Synthesis” in J. Hartog, G. Ridder, and J. Theeuwes, eds, *Panel Data and Labor Market Studies*. Amsterdam: North Holland, 1990.
- “The cyclical behavior of job creation and job destruction” (joint with C.A. Pissarides), in Ours, J.C., Pfann, G.A., and Ridder, G., (eds.), *Labour Demand and Equilibrium Wage Formation*, Amsterdam, North-Holland, 1993.
- “Information sources and equilibrium wage outcome” (joint with Tara Vishwanath) in Bunzel, H., Jensen, P., and Westergard-Nielsen, N., (eds.), *Panel Data and Labour Market Dynamics*, North-Holland, 1993.
- “Job and worker flows in U.S. Manufacturing” in Bunzel, H., Jensen, P., and Westergard-Nielsen, N., (eds.), *Panel Data and Labour Market Dynamics*. Amsterdam: North-Holland, 1993.
- “Reducing supply side disincentives to job creation” in *Reducing Unemployment: Current Issues and Policy Options*, Federal Research Bank of Kansas City, 1994
- “The unemployment and income effects of active labor market policy: The Case of the U.K.” in H. von Christian Dräger, P. Pissulla, and A. W. von Czege (eds), *More Competition, More Jobs - Is Full Employment an Illusion?*. Baden-Baden: Nomos Verlagsgesellschaft, 1996.
- “The unemployment and welfare effects of labour market policy: A Comparison of the U.S. and U.K.” (with S.P. Millard) in D. Snower and G. de la Dehesa (eds.), *Unemployment Policy: How Should Governments Respond to Unemployment?* Cambridge: Cambridge University Press, 1997.
- “Job reallocation and employment fluctuations” (with C.A. Pissarides) Centre for Economic Performance Discussion Paper No. 421, and in M. Woodford and J.B. Taylor, eds, *Handbook of Macro Economics* vol 1: 1171-1227. Amsterdam: Elsevier Science, 1999
- “New developments in models of search in the labor market” (with C.A. Pissarides), in O. Ashenfelter and D. Card, eds., *Handbook of Labor Economics* vol 3: 2567-2627. Amsterdam: Elsevier Science, 1999.
- “Equilibrium unemployment with wage posting: Burdett-Mortensen meets Pissarides” in H. Bunzel, B.J. Christiansen, P. Jensen, N.M. Kiefer and D.T. Mortensen, eds., *Panel Data and Structural Labor Market Models*, . Amsterdam: Elsevier, 2000.
- “An Introduction to *Panel Data and Structural Labour Market Models*,” in H. Bunzel, B.J. Christiansen, P. Jensen, N.M. Kiefer and D.T. Mortensen, eds., *Panel Data and Structural Labor Market Models*, . Amsterdam: Elsevier, 2000.
- “How Monopsonistic is the (Danish) Labor Market?” in P.Aghion, R.Frydman, J. Stiglitz and M. Woodford, eds., *Knowledge, Information and Expectations in Modern Macroeconomics: In Honor of Edmund S. Phelps*, Princeton University Press, 2003.
- “Taxes, Subsidies and Equilibrium Market Outcomes” (with C.A. Pissarides) in E.S.Phelps, ed., *Designing Inclusion: Tools to Raise Low-end Pay and Employment in Private Enterprise*. Cambridge: Cambridge University Press, 2003

### C. Journal Articles

- “Job search, the duration of unemployment and the phillips curve," *American Economic Review*, LX (December, 1970), pp. 847-862.
- “Job search, the duration of unemployment and the phillips curve: reply," *American Economic Review*, LXII (September, 1972).
- “Generalized costs of adjustment and dynamic factor demand theory," *Econometrica*, vol. 41, No.4.(July,1973), pp. 657-665.
- “Unemployment insurance and labor supply decisions," Symposium on the Economics of Unemployment Insurance, *Industrial Labor Relations Review*, 30 (1977), pp. 505-517.
- “Labor supply under uncertainty" (with k. Burdett), in R.G. Ehrenberg, ed., *Research in Labor Economics*, (Volume 2, pp. 109-158), Greenwich, Connecticut: JAI press, 1978.
- “Specific capital and labor turnover," *The Bell Journal of Economics*, 9 (1978), pp., 572-586.
- “Search, layoffs and labor market equilibrium," (with K. Burdett), *Journal of Political Economy*, 88 (1980), pp. 652-672.
- “Testing for ability in a competitive labor market," (with K. Burdett) *Journal of Economic Theory*, 25 (1981), pp 42-66.
- “Property rights and efficiency in mating, racing and related games," *American Economic Review*, 72 (1982), 968-979.
- “A welfare analysis of unemployment insurance: variations on second best themes," *Carnegie-Rochester Conference Series on Public Policy*, 19 (August, 1983), 67-98.
- “Earnings, unemployment, and the allocation of time over time" (joint with K. Burdett, N. Kiefer and G. Neumann), *Review of Economic Studies*, vol. LI(4) no. 176, August, 1984.
- “Matching: finding a partner for life or otherwise", *American Journal of Sociology* 94, Supplement 1988.
- “Wages, separations, and job tenure: on the job specific training or matching?" *Journal of Labor Economics*, 6:4, October, 1988.
- “The persistence and indeterminacy of unemployment in search equilibrium," *Scandinavian Journal of Economics*, 91:2, 1989.
- “Search theory and macroeconomics: A review essay," *Journal of Monetary Economics* 29:1, February, 1992.
- “Equilibrio de busqueda y ciclos economicos reales," *Cuadernos Economicos*, Numero 51, 1992.
- “Information sources and equilibrium wage outcomes: It is who you know!," (joint with Tara Vishwanath). *Labour Economics* (1994) **1**, 187-201.
- “Job creation and job destruction in the theory of unemployment," (joint with Christopher Pissarides). *Review of Economic Studies* (1994) **61**, 397-415.
- “The cyclical behavior of job and worker flows," *Journal of Economic Dynamics and Control* (1994) **18**, 1121-1142.
- “Unemployment insurance, labor-market dynamics, and social welfare: A comment" in A.H. Meltzer and C.I. Plosser (eds.), *Carnegie-Rochester Conference Series on Public Policy* 44 (June, 1996).
- “Technical Progress, Job Creation and Job Destruction" (joint with C. A. Pissarides), *Review of Economic Dynamics* (January 1998) **1**: 733-753.

- “Wage differentials, employer size and unemployment” (joint with K. Burdett), *International Economic Review* (May 1998) **39**: 257-273.
- “Hedonic wages and labor market search” (with W. Robert Reed and Hae-shin Hwang), *Journal of Labor Economics* (October 1998) 16: 815-47.
- “Wages, work and unemployment” (with A.K.G. Hildreth, S.P. Millard, M.P. Taylor) *Applied Economics* (Nov 1998) 30: 1531 – 1547.
- “Unemployment responses to ‘skill biased’ shocks: The role of labor market policy” (with C. A. Pissarides), *Economic Journal* (April 1999) 109: 242-265.
- “Equilibrium unemployment dynamics,” *International Economic Review* (November 1999): 40: 889-914.
- “Competitive Pricing and Efficiency in Search Equilibrium” (joint with Randall Wright), *International Economic Review* (February 2002) 43: 1-20.
- “Job Separations and the Distribution of Wages” (joint with B.J Christiansen, R. Lentz, G. Neumann, and A. Werwatz.). *Journal of Labor Economics* (January 2005) 23: 31-58.
- “A Comment on ‘Price Dispersion, Inflation, and Welfare’ by A. Head and A. Kumar.” *International Economic Review* (May 2005) 46, no. 2:: 573-578.
- “Growth, Unemployment and Labor Market Policy,” *Journal of the European Economic Association* (April-May 2005) 3: 236-258 .
- “Productivity Growth and Worker Reallocation” (joint with Rasmus Lentz), *International Economic Review* (June 2005) 46, no.3: 731-751.

#### D. Other Publications

- “The market for information in a heterogeneous labor market,” (with K. Burdett). *Technical Analysis Paper*, Department of Labor (December, 1974).

#### E. Forthcoming Papers and Work in Process

- “Productivity Growth and Worker Reallocation” (with R. Lentz), working paper, June 2004. Forthcoming in the *International Economic Review*.
- “An Empirical Model of Productivity Growth Through Product Innovation” (with R. Lentz). Presented at the NBER Economic Fluctuations Meeting, San Francisco Federal Reserve Bank, Feb 4, 2005.

### VII. PROFESSIONAL ACTIVITIES

#### A. Referee for

American Economic Review  
 Econometrica  
 Industrial and Labor Relations Review  
 Journal of Economic Theory  
 Journal of Labor Economics  
 Journal of Political Economy  
 NSF Review Panel  
 Quarterly Journal of Economics

Review of Economics and Statistics  
 Journal of Human Resources  
 Journal of Economic Dynamics and Control  
 Journal of Business  
 Journal of Law, Economics, and Organization  
 European Economic Review  
 Labour Economics  
 Review of Economic Dynamics  
 International Economic Review

#### B. Committees

Program Committee and Session Chairman for the annual meeting of the American Economic Association, Denver, Colorado, September, 1980.  
 American Economic Association Committee on Honors and Awards, 1980-83.  
 Program Committee Chairman, Summer North American meeting of the Econometric Society, Evanston, IL, June, 1983.  
 Census Advisory Committee, American Economic Association, 1988-  
 Program Committee for the Minneapolis meeting of the Society of Economic Dynamics and Control, , June 1990.  
 Program Committee for the Los Angeles meeting of the Society of Economic Dynamics and Control, June 1994.  
 Program Committee for the Mexico City meeting of the Society of Economic Dynamics and Control, June 1996.  
 Program Committee for the Paris meeting of the Society of Economic Dynamics and Control, June 2003.

### VIII. UNIVERSITY SERVICE

#### A. Northwestern University committees:

University grants committee, 1978-82  
 Faculty planning committee, 1978-80  
 Evans professor committee, 1987-90  
 General faculty committee, 1990-93  
 Chair of GFC Budget and Finance Committee, 1991-93 and 1992-93

#### B. College of Arts and Sciences appointments and committees:

Dean's advisory committee, 1976  
 Director of the Mathematical Methods in the Social Sciences Program, 1982-84  
 CAS Budget committee, 1986-90  
 Director of the Mathematical Methods in the Social Sciences Program, 1992-2000  
 CAS Promotion and Tenure Committee, 1995-98

#### C. Department of Economics offices and committees:

Director of admissions and financial aid, 1966-71  
Recruiting committee, chairman and member, 1976-79  
Director of graduate studies; 1973,1979  
Graduate studies committee, member 1976-79  
Department chair, 1979-82  
Chair, senior recruiting, 1986-88  
Senior recruiting committee, 1983-1992  
Chair, junior recruiting committee, 1996-1997  
Junior recruiting committee, 2000  
Chair, undergraduate studies committee, 1999-