

September 27, 2018

## CURRICULUM VITAE

**Professor, Ph.D. Bent Jesper Christensen, R.**

### Work address

Department of Economics and Business Economics  
Aarhus University  
Fuglesangs Alle 4  
DK-8210 Aarhus V  
Denmark

### Home address

Vorbjergbakken 13  
8240 Risskov  
Denmark

E-mail: bjchristensen@econ.au.dk

Phone: +45 2964 5180

### Personal

Citizenship: Danish

Date of Birth: May 9, 1963

Marital Status: Married (Nabanita Datta Gupta), three children (Esben Rohan 1994, Signe Devika 1997, Frida Anjali 2002)

### Education

Ph.D. (Economics), Cornell University, 1990

Fields: Econometrics, Finance, Economic Theory

Advisors: Nicholas M. Kiefer (Chair), Robert A. Jarrow, David Easley

Exam. Scient. (Mathematics & Economics), Aarhus University, 1986

### Positions held

Professor, Department of Economics and Business, Aarhus University, 1997 – present

Research Fellow, Danish Finance Institute (DFI), 2018 – present

External Fellow, Centre for Financial Econometrics, University of Essex, 2014 – present

External assessor (censor) at Danish universities, appointed by the Ministry of Higher Education and Science, April 2018 – March 2022

Jens Christian Skou Senior Fellow, Aarhus Institute of Advanced Studies (AIAS), 2013 – 2015 (18 months)

Research Fellow, CREATES, Aarhus University, 2007 – present

Visiting Scholar in Economics, Dept. of Econ., Harvard University, 2006 – 2007 (12 months)

Research Fellow, Centre for Labour Market and Social Research (CLS), Aarhus, 1996 – 1997

Associate Professor, Aarhus University, June 1995 – August 1997

Visiting Assistant Professor of Finance, Johnson Graduate School of Management, Cornell University, 1993 – 1994 (12 months)

Assistant Professor of Finance, Stern School of Business, New York University, 1989 – 1995

### Academic Fields

Econometrics: Fractional Cointegration, Fractional GARCH, Structural Models, Panel Methods

Finance: Asset Pricing, Derivatives, Term Structure Analysis, Volatility Modeling, Insurance

Labor and Macroeconomics: Dynamic Programming, Search and Matching, Retirement, Health

### Journal Articles

Minimum Variance Estimation in the Canonical Incomplete Information Investment Model.

*Journal of Quantitative Economics*, Vol. 7, special issue in honor of C.R. Rao, 1991, pp. 323-330

The Exact Likelihood Function for an Empirical Job Search Model. With N. M. Kiefer.

*Econometric Theory*, Vol. 7, 1991, pp. 464-486

Efficiency Gains in Beta-Pricing Models. *Mathematical Finance*, Vol. 4, 1994, pp. 143-154

Local Cuts and Separate Inference. With N.M. Kiefer. *Scandinavian Journal of Statistics*, Vol. 21, 1994, pp. 389-401

Measurement Error in the Prototypal Search Model. With N.M. Kiefer. *Journal of Labor Economics*, Vol. 12, 1994, pp. 618-639

Inference in Non-Linear Panels With Partially Missing Observations: The Case of the Equilibrium Search Model. With N.M. Kiefer. *Journal of Econometrics*, Vol. 79, 1997, pp. 201-219.

#### Lead article

Some Control Theoretic Aspects of Interest Rate Theory. With T. Björk and A. Gombani.

*Insurance, Mathematics and Economics*, Vol. 50, 1998, pp. 17-23

The Relation Between Implied and Realized Volatility. With N.R. Prabhala. *Journal of Financial Economics*, Vol. 50, 1998, pp. 125-150. **Lead article.** Awarded 'All Star Paper 1974-2003' (for *JFE* articles with 5 or more citations per year through 2005)

Interest Rate Dynamics and Consistent Forward Rate Curves. With T. Björk. *Mathematical Finance*, Vol. 9, 1999, pp. 323-348. Reprinted in *The New Interest Rate Models*, ed. Lane Hughston. London: Risk Books, 2000, pp. 313-332. ISBN: 1-899-332-87-9

Panel Data, Local Cuts, and Orthogeodesic Models. With N.M. Kiefer. *Bernoulli*, Vol. 6, 2000, pp. 667-678

The Effect of Pension Reform on Danish Married Couples' Withdrawal from the Labor Market (Effekten af Pensionsreform på Danske Ægtepars Udtræden af Arbejdsmarkedet). With N. Datta Gupta. *Danish Journal of Economics (Nationaløkonomisk Tidsskrift)*, Vol. 138, 2000, pp. 222-242

Specification and Estimation of Equilibrium Search Models. With H. Bunzel, P. Jensen, N.M. Kiefer, L. Korsholm, L. Muus, G. Neumann and M. Rosholm. *Review of Economic Dynamics*, Vol. 4, 2001, pp. 90-126

Monte Carlo Improvement of Estimates of the Mean-Reverting Constant Elasticity of Variance Interest Rate Diffusion. With R. Poulsen. *Monte Carlo Methods and Applications*, Vol. 7, 2001, pp. 111-124

- New Evidence on the Implied-Realized Volatility Relation. With C. Hansen. *The European Journal of Finance*, Vol. 8, 2002, pp. 187-205
- Financial Risk Modelling and Econometric Inference. *Acta Applicanda Mathematicae*, Vol. 78, 2003, pp. 73-85
- Multivariate Mixed Proportional Hazard Modelling of the Joint Retirement of Married Couples. With M.Y. An and N. Datta Gupta. *Journal of Applied Econometrics*, Vol. 19, 2004, pp. 687-704
- On the Job Search and the Wage Distribution. With R. Lentz, D.T. Mortensen, G.R. Neumann and A. Werwatz. *Journal of Labor Economics*, Vol. 23, 2005, pp. 31-58
- Asymptotic Normality of Narrow-Band Least Squares in the Stationary Fractional Cointegration Model and Volatility Forecasting. With M. Nielsen. *Journal of Econometrics*, Vol. 133, 2006, pp. 343-371
- The Effect of Long Memory in Volatility on Stock Market Fluctuations. With M. Nielsen. *Review of Economics and Statistics*, Vol. 89, 2007, pp. 684-700
- Long Memory in Stock Market Volatility and the Volatility-in-Mean Effect: The FIEGARCH-M Model. With M. Nielsen and J. Zhu. *Journal of Empirical Finance*, Vol. 17, 2010, pp. 460-470
- The Role of Implied Volatility in Forecasting Future Realized Volatility and Jumps in Foreign Exchange, Stock, and Bond Markets. With T. Busch and M. Nielsen. *Journal of Econometrics*, Vol. 160, 2011, pp. 48-57
- Semiparametric Inference in a GARCH-in-Mean Model. With C.M. Dahl and E.M. Iglesias. *Journal of Econometrics*, Vol. 167, 2012, pp. 458-472
- The Impact of Health Changes on Labor Supply: Evidence from Merged Data on Individual Objective Medical Diagnosis Codes and Early Retirement Behavior. With M. Kallestrup-Lamb. *Health Economics*, Vol. 21, 2012, pp. 56-100
- Portfolio Size as Function of the Premium: Modeling and Optimization. With S. Asmussen and M. Taksar. *Stochastics: An International Journal of Probability and Statistics* (formerly *Stochastics* and *Stochastics Reports*), Vol. 85, 2013, pp. 575-588. **Lead article**
- The SR Approach: A New Estimation Method for Non-Linear and Non-Gaussian Dynamic Term Structure Models. With M. Andreasen. *Journal of Econometrics*, Vol. 184, 2015, pp. 420-451
- The Impact of Financial Crises on the Risk-Return Tradeoff and the Leverage Effect. With M. Nielsen and J. Zhu. *Economic Modelling*, Vol. 49, 2015, pp. 407-418
- Retirement and Health in the Nordic Welfare State. With N. Datta Gupta. *Nordic Economic Policy*

*Review*, Vol. 8, 2016, pp. 171-196

Estimating Dynamic Equilibrium Models Using Mixed Frequency Macro and Financial Data. With O. Posch and M. van der Wel. *Journal of Econometrics*, Vol. 194, 2016, pp. 116-137.

Medical Spending in Denmark. With M. Gørtz and M. Kallestrup-Lamb. *Fiscal Studies*, Vol. 37, 2016, pp. 461-497

Medium Band Least Squares Estimation of Fractional Cointegration in the Presence of Low-Frequency Contamination. With R.T. Varneskov. *Journal of Econometrics*, Vol. 197, 2017, pp. 218-244.

End-of-Life Medical Spending In Last Twelve Months of Life is Lower than Previously Reported. With E. French, J. McCauley, M. Aragon, P. Bakx, M. Chalkley, S. Chen, H. Chuang, A. Cote-Sergent, M. De Nardi, E. Fan, D. Echevin, P. Geoffard, C. Gastaldi-Menager, M. Gørtz, Y. Ibuka, J.B. Jones, M. Kallestrup-Lamb, M. Karlsson, T. Klein, G. de Lagasnerie, P. Michaud, O. O'Donnell, N. Rice, J. Skinner, E. van Doorslaer, N.R. Ziebarth and E. Kelly. *Health Affairs*, Vol. 36, 2017, pp. 1211-1217.

An Asset Pricing Approach to Testing General Term Structure Models. With M. van der Wel. *Journal of Financial Economics*, forthcoming.

### **Refereed Articles in Books**

Inferential Separation in the Prototypical Search Model. With N.M. Kiefer. In *Panel Data and Labour Market Dynamics*, eds. H. Bunzel, P. Jensen, and N. Westergaard-Nielsen. Amsterdam: North-Holland, 1993, pp. 231-244. ISBN: 0444815481

The Implied-Realized Volatility Relation Revisited. With C.S. Hansen and T.J. Nielsen. In *Symposium in Applied Statistics*, eds. V. Høst and H.J. Juhl. Aarhus: Aarhus University Press, 1998, pp. 39-64. ISBN: 87-90117-18-2

Interest Rate Dynamics and Consistent Forward Rate Curves. With T. Björk. In *The New Interest Rate Models*, ed. Lane Hughston. London: Risk Books, 2000, pp. 313-332. ISBN: 1-899-332-87-9. Also appears in *Mathematical Finance*, Vol. 9, 1999, pp. 323-348

Simulated Moment Methods for Empirical Equivalent Martingale Measures. With N. M. Kiefer. In *Simulation-Based Inference in Econometrics*, eds. R. Mariano, T. Schuermann, and M.J. Weeks. Cambridge: Cambridge University Press, 2000, pp. 183-204. ISBN: 0-521-59112-0

Development Trends in Econometrics (Udviklingslinier i Økonometrien). With H. Bunzel, N. Haldrup, S. Hylleberg, V. Høst, P. Jensen and A. Würtz. In *Developments in Economic Theory (Udviklingslinier i Økonomisk Teori)*, ed. C. Hjorth-Andersen. Copenhagen: Jurist- og Økonomforbundets Forlag, 2000, pp. 47-106. ISBN: 87-574-0113-6

The Equilibrium Search Model with Productivity Dispersion and Structural Unemployment: An Application to Danish Data. With P. Jensen, M.S. Nielsen, K. Poulsen and M. Rosholm. In *Panel Data and Structural Labour Market Models*, eds. H. Bunzel, B.J. Christensen, P. Jensen, N.M. Kiefer, and D.T. Mortensen. Amsterdam: North-Holland, 2000, pp. 85-106.

ISBN: 0-44-50319-6

Equilibrium Search with Human Capital Accumulation. With H. Bunzel, N.M. Kiefer and L. Korsholm. In *Panel Data and Structural Labour Market Models*, eds. H. Bunzel, B.J. Christensen, P. Jensen, N.M. Kiefer, and D.T. Mortensen. Amsterdam: North-Holland, 2000, pp. 107-144. ISBN: 0-44-50319-6

Financing and Capital Budgeting for Small and Medium Size Danish Firms (Finansiering og Investeringsplanlægning for Små og Mellemstore Danske Virksomheder). In *The Management Challenge in Small and Medium Size Firms (Den Ledelsesmæssige Udfordring i Små og Mellemstore Virksomheder)*, ed. Søren Vøxted. Frederiksberg: Samfundslitteratur, 2002, pp. 123-146. ISBN: 87-593-31015-4

Investment in Advertising Campaigns and Search: Identification and Inference in Marketing and Dynamic Programming Models. With N.M. Kiefer. In *Structural Models of Wage and Employment Dynamics*, eds. H. Bunzel, B.J. Christensen, G.R. Neumann, and J.-M. Rubin. Amsterdam: Elsevier, 2006, pp. 331-364. ISBN: 0-444-52089-9

### Books

*Panel Data and Structural Labour Market Models*. Co-edited with H. Bunzel, P. Jensen, N.M. Kiefer, and D.T. Mortensen. Amsterdam: North-Holland, 2000. ISBN: 0-44-50319-6. 312 pages

*Structural Models of Wage and Employment Dynamics*. Co-edited with H. Bunzel, G.R. Neumann, and J.-M. Robin. Amsterdam: Elsevier, 2006. ISBN: 0-444-52089-9. 612 pages

*Economic Modeling and Inference*. With N.M. Kiefer. Princeton, N.J.: Princeton University Press, 2009. ISBN13: 978-0-691-12059-1. 488 pages.

Publisher's link: <http://press.princeton.edu/titles/8903.html>, including endorsements by Nobel laureates Robert E. Lucas, Dale T. Mortensen, and Thomas Sargent, as well as Tim Bollerslev, John Y. Campbell, and others.

Review (by C. Asmann, U. Bamberg, Germany) in *Journal of Economics*, 2009, pp. 257-259.

Review (by L. Polgreen, U. Iowa) in *Journal of the American Statistical Association*, 2010, pp. 1278-1279.

Review (by R. Sauer, U. Bristol) in *Journal of Economic Literature*, 2011, Vol. 98, pp. 433-436: <http://pubs.aeaweb.org/doi/pdfplus/10.1257/jel.49.2.433.r1>

Review (by M. Aalabaf-Sabaghi, U. Tehran) in *Journal of the Royal Statistical Society, Series A (Statistics in Society)*, 2011, Vol. 174, p. 240.

Review (by D.-H. Kim, Vanderbilt U.) in *Economic Record*, 2014, Vol. 90, pp. 255-257.

*Globalization – Strategies and Effects*. Co-edited with C. Kowalczyk. Berlin: Springer-Verlag, 2017. ISBN: 978-3-662-49500-1. 630 pages.

*Firm Heterogeneity, Labor Markets, and International Trade – Evidence from Danish Matched Employer-Employee Data*. Co-edited with H. Bunzel and Dale T. Mortensen. New York: Springer-Verlag. Forthcoming, 2018. ISBN: 978-3-642-37728-0. 450 pages.

### **Notes, Comments, etc.**

Comment on ‘Stochastic Volatility and Stochastic Interest Rates in Index Option Pricing’ (by G. Jiang and P. van der Sluis). *European Financial Review*, Vol. 3, 1999, pp. 311-317

New Life to Research in Mathematics and Economics (Nyt Liv i Matematisk-Økonomisk Forskning). *Annual Report 1997 and 1998 (Årsberetning 1997-1998)* from the Danish Research Forum and the Six Danish Research Councils, 1999, pp. 47

Discussion of ‘Non-Gaussian Ornstein-Uhlenbeck Based Stochastic Volatility Models and Some of their Uses in Financial Econometrics’ (by O.E. Barndorff-Nielsen and N. Shephard). *Journal of the Royal Statistical Society, Series B*, Vol. 63, 2001, pp. 219

Insurance Against Losses on Investments (Forsikring mod Tab på Investeringer). *Annual Report 2001 (Årsberetning 2001)* from the Danish Research Forum and the Six Danish Research Councils, 2002, pp. 52-53

Mayday Mayday. *Jyske Invest Fund News*, 2003, No. 1, pp. 12-14

The Econometrics of Social Insurance: Editors’ Introduction. With N. Datta Gupta and John Rust. *Journal of Applied Econometrics*, Vol. 19, 2004, pp. 647-648

Periodicity, Non-Stationarity, and Forecasting of Economic and Financial Time Series: Editors’ Introduction. With Tim Bollerslev, N. Haldrup, and A. Lunde. *Journal of Time Series Econometrics*, Vol. 3, 2011, pp. 0-7

Introduction to Globalization: Strategies and Effects. With C. Kowalczyk. In *Globalization – Strategies and Effects*, Berlin: Springer-Verlag, 2017, pp. 1-16

### **Articles in newspapers**

Nobel Prize Winner With Solution (Nobelprisvinder med Løsning). With H. Bunzel. *Morgenavisen Jyllands-Posten*, Oct. 26, 2010.

### **Selected Honors, Awards, and Major Grants**

G.W. Mundy Graduate Fellowship, Cornell University, 1986 – 1989

Carlsberg Foundation, Ph.D. Stipend, 1986

Knud Højgaards Fond, Ph.D. Stipend, 1986

Konsul Axel Nielsen’s Mindelegat, Ph.D. Travel Stipend, 1986

Center for Analytical Finance, Danish Social Science Research Council grants for about \$2,000,000 over the period 1996 – 2006

Rheinholdt W. Jorck og Hustrus Fond, Research Prize, 1998, Dkr. 75,000 (approx. \$10,000)

Search and Matching, Danish Social Science Research Council grant for about \$750,000, for the period 2001 – 2006

Aarhus University Research Foundation Fellowship, 2002

Journal of Financial Economics ‘All Star Paper 1974 – 2003’ (awarded to papers with 5 or more citations per year through 2005): The Relation Between Implied and Realized Volatility, with N.R. Prabhala, Vol. 50, 1998, pp. 125-150 (lead article)

Visiting Scholar in Economics, Department of Economics, Harvard University, honorary faculty level position, August 2006 – July 2007

Globalization, Migration, and Foreign Aid, Danish Social Science Research Council grant for about \$140,000, for the period 2006 – 2008

Globalization and European Integration, Aarhus University Research Foundation grant for about \$1,000,000, for the period 2006 – 2011

Globalization, Migration, and Capital Flows, Aarhus University Research Foundation grant for about \$750,000, for the period 2006 – 2011

Knighted to the Order of Dannebrog by Her Royal Majesty, Queen Margrethe the 2nd, 2008

Research Unit on Cycles, Adjustments, and Policy, Danish Social Science Research Council grant for about \$1,800,000, for the period 2010 – 2015

Invited participant, conference in honor of Dale T. Mortensen (honoring his Nobel Prize), Northwestern University, 2011

Carlsberg Foundation conference grant, about \$12,000, for 2012

Jens Christian Skou Senior Fellow, Aarhus Institute of Advanced Studies (AIAS), 2013 – 2014 (18 months)

Wage Dispersion, Firm Productivity Differences, and Labor Reallocation, Aarhus University Research Foundation grant for about \$20,000, 2013

Globalization: Strategies and Effects, Aarhus University Research Foundation grant for about \$13,000, 2013

Implications of Firm Heterogeneity for Labor Markets and International Trade – Evidence from Matched Employer-Employee Data, Aarhus University Research Foundation grant for about \$12,000, 2013

Invited speaker, Northwestern University, Memorial Tribute to Honor and Celebrate the Life of Dale Mortensen, 2014

External Fellow, Centre for Financial Econometrics, University of Essex, 2014 – present

Carlsberg Foundation: Markets with Frictions: Unemployment, Wage Distributions, Productivity, Health, and Capital, research grant for about \$100,000, for the period 2015 – 2017

Public trust post: Member of two-person permanent advisory group on property valuation (with Prof. Peter Birch Sørensen, former Chairman of the Danish Economic Council) at the Danish Ministry of Taxation, 2015 – present

Expert witness, Eastern High Court, Copenhagen, Nets Holding A/S versus Danish Competition and Consumer Authority (biint. Danish E-Commerce Association), 2015 – present

Dale T. Mortensen Center, Aarhus University Strategic Funds grant for about \$2,000,000 over the period 2017 – 2022

Aarhus University Research Foundation, grant for recruiting Visiting Associate Professor from abroad, 2018

### **Continuing Education**

Aarhus University course for advisors at the Full Professor or Associate Professor level, 2009

Aarhus University course on teaching based on new technologies (Go Online), 2014

Aarhus University course on teaching technology “Blackboard,” 2014

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|-----------------------------|---|
| <b>Ph.D. Advisees</b>       | S. Agoro-Menyang (University of Maryland)                     |
| <b>NYU</b>                  | N. Chidambaran (Tulane University)                            |
| <b>(first appointments)</b> | S. Das (Harvard University)                                   |
|                             | N. Kapadia (University of Massachusetts)                      |
|                             | M. Mussavian (London Business School)                         |
|                             | N. R. Prabhala (Yale University – now University of Maryland) |

**Ph.D. Advisees  
Aarhus  
(first appointments)**

A. Alexander Vedel Helweg-Mikkelsen (Nordea)  
M. Andreasen (Bank of England, London – now Aarhus University)  
J. Bagger (Royal Holloway, University of London)  
P.A. Barrientos Quiroga (Jyske Bank)  
T. Busch (Danske Bank, Copenhagen)  
Dagnachew Abate (Arizona State University – now the World Bank,  
Washington, D.C., and George Washington University)  
K. Dencker Petersen (Jyske Bank)  
M.P. Dziubinski (Aalborg University)  
C.S. Hansen (CUNY - Baruch College, New York)  
M.B. Jensen (Aalborg University – now Aarhus University)  
M.S. Jensen (Aarhus University)  
M.P. Kallestrup-Lamb (Cass Business School, London – now Aarhus  
University)  
D. Koulikov (Oxford University, Nuffield College)  
L. Kromann (Copenhagen Business School – now University of Western  
Ontario, London)  
L. Lilleore (Aarhus University)  
M.S. Lukas (ATP Pensions, Copenhagen)  
P. Mikkelsen (Nordea, Copenhagen)  
R. Moelgaard (Danish National Bank)  
M. Nielsen (Cornell University, New York – now Queens University,  
Kingston, Ontario)  
J.C. Parra-Alvarez (Aarhus University)  
R. Poulsen (University of Copenhagen)  
Z. Qin (Southwestern University of Finance and Economics, Chengdu,  
China – now Macau University, China)  
P. Raahauge (Copenhagen Business School)  
T.B. Rasmussen (Aarhus University)  
D. Skovmand (Aarhus University – now Copenhagen Business School)  
C. Sponholtz (Bain, Stockholm)  
L. Stentoft (HEC Montreal – now University of Western Ontario, London)  
J. Taulbjerg (Nordea, Copenhagen)  
R.T. Varneskov (Nordea, Copenhagen)  
J. Zhu (Shanghai University of Finance and Economics, China)

**Current Ph.D.  
Advisees**

M. Barløse  
D. Skovgaard Bjerre  
D. Borup  
J. Wolfgang Hansen  
M. Markvart  
N. Mühlbach  
L. Neri  
J. Thogersen (2<sup>nd</sup> advisor, Dept. of Mathematics)

**Visiting Ph.D.  
Advisees**

M.N. Sathekge, University of Cambridge (Jan.-June 1999)  
S. Feal Zubimendi, Buenos Aires (Jan.-June 2009)  
O.A. Kassi, University of Helsinki (Aug.-Dec. 2012)



Y. Dong, Beijing (Sep. 2013-Aug. 2014)

**Marie Curie Center  
of Excellence  
Advisees**

Jiri Hnilica, University of Economics, Prague (Jan.-June 2002)  
Sebastian Gryglewicz, Poznan University (Feb. 2003 – March 2004)  
Vito Mollica, University of Sydney (March-July 2003)  
Zhang Zuoquan, Northern Jiaotong University, Beijing (Sept. 2002 –  
Aug. 2003)  
Orazio di Miscia, University of Florence (June 2003-May 2004)  
Dobromir Tzotchev, Frankfurt (Febr. – June 2004)

**Selected Other  
Advisees**

Boris Georgiev, Aarhus University, winner of International Atlantic  
Economic Society's Best Undergraduate Paper Award, Philadelphia, 2013,  
for paper titled 'Constrained Mean-Variance Portfolio Optimization With  
Alternative Return Estimation,' published in *Atlantic Economic Journal*,  
2014.

**Research Centers  
and Networks**

Director and one of the six founding members of *Center for Analytical  
Finance (CAF)*, funded by the Danish Social Science Research Council,  
1996-2006

Founder (with N. Datta Gupta and P. J. Pedersen) of *Research Group on  
Retirement*, funded by the Danish Social Science Research Council, 1996-  
1999

Member of *Centre for Nonlinear Modelling in Economics*, funded by the  
Danish Social Science Research Council and the University of Aarhus, 1994-  
1999

Member of *Centre for Dynamic Modelling in Economics*, funded by the  
Danish Social Science Research Council and the University of Aarhus, 1999-  
2003

Member of *Danish Network for Mathematical Finance*, funded by the Danish  
Science Research Council and the Danish Social Science Research Council

First Treasurer (1996-98) of the *Bachelier Finance Society*, an international  
society started in June 1996

Founder (with D. Mortensen and G. Neumann) of a *Research Group on  
Search and Matching*, funded by the Danish Social Science Research  
Council, 2001-2006

Member of International Scientific Committee (with M. Arellano, R.  
Blundell, G. Chamberlain, B. Holmlund, and J. Powell) of *Center for Applied  
Microeconometrics (CAM)*, Copenhagen (director: M. Browning), a research  
center started in 2001 and funded by a five-year grant from the Danish  
National Research Foundation

Member of *Research Group on Multivariate Risk Models for Finance and Insurance* (with S. Asmussen, O. E. Barndorff-Nielsen, T. Mikosch, H. Schmidli, and others), funded by the Danish Natural Science Research Council, 2005-2007

Member of *Research Group on Dynamic Modelling of Long Memory and Persistence in Economic Time Series* (with N. Haldrup, S. Hylleberg, M. Jansson, M. Nielsen, and others), funded by the Danish Social Science Research Council, 2006-2008

Member of *Research Group on Labor Market Dynamics and Growth* (with H. Bunzel, D. Mortensen, J. Bagger, and others), funded by the Danish National Research Foundation, and associated with Prof. Dale Mortensen's Niels Bohr Professorship at the School, 2006-2010

Co-founder of a *Research Group on Globalization and European Integration*, and a *Research Group on Globalization, Migration, and Capital Flows*, involving researchers from political science, the humanities, law, and economics, from Denmark and abroad, funded by Aarhus University as part of the globalization project at the Faculty of Social Science and under the development contract with the Ministry of Science, Technology and Innovation, 2006-2011

Research Fellow, *Center for Research in Econometric Analysis of Time Series (CREATES)*, funded by the Danish National Research Foundation, wrote part of application, 2007-2017

Director of a *Research Unit on Cycles, Adjustments, and Policy*, involving also Torben Andersen, Jesper Bagger, Henning Bunzel, John Kennes, Dale Mortensen, Michael Svarer, Rune Vejlin, Yoram Weiss, and many others, funded by the Danish Social Science Research Council, 2010-2015

Member of a *Research Group on Risk and Insurance*, with S. Asmussen, K. Mølmer, and M. Taksar, funded by the Velux Foundation, wrote part of application, 2011

Member of a *Research Group on Wages, Productivity, and Public Finance*, with H. Bunzel and L. Danziger, funded by the Aarhus University Research Foundation, wrote application, 2012

Director of a *Research Group on Markets with Frictions: Unemployment, Wage Distributions, Productivity, Health, and Capital*, with J. Bagger, H. Bunzel, and others, funded by the Carlsberg Foundation, 2015 – 2017

Member of a *Research Group on Health Expenditures in Danish and International Perspective*, with M. Gørtz and M. Kallestrup-Lamb, funded by the Health Foundation (Helsefonden), 2015 – 2017, wrote part of application

Director of the *Dale T. Mortensen Center*, funded by the Aarhus University Strategic Funds, 2017 – 2022

**Conferences and Seminars Organized**

Organizer of a *Conference on Analytical Finance*, featuring M. Dacorogna (Olsen & Associates), E. Eberlein, N. Kiefer, S. Mittnik, and others, Aarhus, January, 1997

Organizer of a session on Stochastic Methods in Finance at the *ISI-Bernoulli Conference on Recent Advances in Probability and Statistics*, Calcutta, December, 1997

Co-organizer (with H. Bunzel) of a *Conference on Panel Data and Structural Labour Market Models*, Sandbjerg, Denmark, 1998

Member of the program committee, *European Finance Association Annual Conferences*, 1998, in Fontainebleau, France, and 1999 in Helsinki, Finland

Co-organizer (with O.E. Barndorff-Nielsen and H. Bunzel) of a *Conference on Finance and Turbulence*, featuring R. Cont, S. Hodges, N. Shephard, A. Shiryaev, and others, Aarhus, May, 1999

Co-organizer (with O.E. Barndorff-Nielsen) of a *Conference on Volatility and Derivative Securities*, featuring Dilip Madan, N. Shephard, and others, Aarhus, January, 2000

Co-organizer (with O.E. Barndorff-Nielsen) of a *Conference on Finance and Stochastics*, featuring M. Kassmann, M. Schäl, and others, Aarhus, October, 2000

Organizer of a two-day *Seminar on Mathematical Finance*, featuring S. Frühwirth-Schnatter, F. Hubalek, S. Levendorskii, O. Papaspiliopoulos, and others, Aarhus, January, 2001

Organizer of a two-day *Seminar on Analytical Finance*, featuring R. Cont, M. Jeanblanc, M. Yor, and others, Aarhus, February, 2001

Co-organizer (with T. Bollerslev and H. Bunzel) of a *Conference on Market Microstructure*, featuring T. Andersen, M. Coppejans, F. Diebold, R. Engle, M. Fleming, N. Hautsch, K. Kavajecz, B. Lehmann, A. Menkveld, J. Russell, N. Shephard, I. Werner, and others, Sandbjerg, Denmark, 2001

Co-organizer (with N. Datta Gupta) of a *Conference on Social Insurance and Pensions Research*, featuring H. Benitez-Silva, D. Blau, M. Buchinsky, R. Burkhauser, E. French, A. Gustman, A. Heyma, M. Hurd, A. Kapteyn, C. Ruhm, J. Rust, T. Steinmeier, and others, Aarhus, November, 2001

Co-organizer (with S. Asmussen, O.E. Barndorff-Nielsen, T. Mikosch, T. Møller, M. Steffensen, and M. Sørensen) of a two-day *Workshop on*

*Financial Methods in Insurance*, in Copenhagen, February, 2003, featuring D. Becherer, F. Benth, R. Frey, C. Hipp, R. Korn, R. Norberg, W. Runggaldier, W. Schachermayer, M. Schweizer, and others

Member of the program committee, *Conference on Improving Social Insurance Programs* (organizer: J. Rust), Washington, D.C., September, 2003, featuring M. Boldrin, A. Borsch-Supan, H. van der Klaauw, K. Wolpin, and others

Co-organizer (with N. Haldrup, S. Hylleberg, and M. Rosholm) of a three-day *Aarhus Econometrics Conference*, May, 2004, featuring T. Bollerslev, C. Granger, B. Honoré, and others

Co-organizer (with N. Haldrup) of an *Econometrics/Finance Workshop*, Aarhus, May, 2004, featuring G. Elliott, G. Gallo, G. Pons, and others

Co-organizer (with B. Jensen, J. Nielsen, K. Sandmann, and J. von Hagen) of a three-day *Conference on A New Generation of Risk Measures and Regulation*, in Bonn, June, 2004, featuring F. Delbaen, M. Goovaerts, S. Jaschke, A. Schied, S. Wang, and others

Co-organizer (with H. Bunzel and G. Neumann) of a four-day *Conference on Labor Market Models and Matched Employer-Employee Data*, in honor of Dale T. Mortensen's 65th birthday, Aarhus, August, 2004, featuring G. van den Berg, K. Burdett, J. Kennan, F. Kramarz, J.-M. Robin, R. Shimer, Y. Weiss, R. Wright, E. Yashiv, and others

Co-organizer (with O.E. Barndorff-Nielsen, T. Bollerslev, H. Bunzel, and C. Tanggaard) of a three-day *Conference on Multivariate Modelling in Finance and Risk Management*, Aarhus, June, 2006, featuring Y. Aït-Sahalia, T. Andersen, R. Engle, C. Klüppelberg, O. Linton, P. Mykland, H. Pesaran, E. Sentana, N. Shephard, G. Tauchen, S. Taylor, and others

Co-organizer (with T. Bollerslev, R. Davis, N. Haldrup, J. Stock, and R. Tsay) of the *NBER & NSF 2008 Time Series Conference*, Aarhus, September, 2008, featuring T. Andersen, J. Davidson, R. Engle, J. Geweke, A. Harvey, N. Shephard, R. Tsay, K. West, and many others

Co-organizer (with H. Bunzel and D. Mortensen) of a three-day *Conference on International Trade and Productivity*, Aarhus, October, 2008, featuring J. Haltiwanger, S. Kortum, M. Melitz, C. Pissarides, C. Taber, and others

Co-organizer (with T. Bollerslev, N. Haldrup, and A. Lunde) of a two-day *Conference on Periodicity, Non-Stationarity, and Forecasting of Economic and Financial Time Series*, Aarhus, August, 2009, featuring R. Engle, D. Hendry, H. Lutkepohl, G. Mizon, K. Wallis, H. White, and others

Co-organizer (with S. Asmussen and N. Haldrup) of a two-day *Workshop in*

*Honour of Ole E. Barndorff-Nielsen's 75<sup>th</sup> Birthday*, Aarhus, October, 2010, featuring F. Benth, M. Podolskij, N. Shephard, J. Valverde, and others

Organizer of the *Annual Workshop of the NBER Group on Micro and Macro Perspectives on the Aggregate Labor Market*, which is part of the NBER Economic Fluctuations and Growth Program, Aarhus, November, 2011, featuring Larry Christiano, Robert E. Hall, Dale T. Mortensen, Richard Rogerson, Robert Shimer, Randall Wright, and others

Co-organizer (with C. Kowalczyk, Fletcher School, Tufts U.) of an *International Conference on Globalization: Strategies and Effects*, Aarhus, November, 2011, featuring J. Bergstrand, E. Bond, C. Davidson, A. Dixit, R. Jones, S. Kortum, C. Mann, K. Maskus, D. Mortensen, A. Razin, R. Riezman, D. Teece, and others

Member of the program committee, *Fifth Annual SoFiE (Society for Financial Econometrics) Conference* (organizers: F. Diebold and E. Ghysels), Oxford-Man Institute and University of Oxford, June, 2012

Organizer of the *Cycles, Adjustment, and Policy Conference on Credit, Unemployment, Supply and Demand, and Frictions*, Aarhus, October, 2012, featuring D. Andolfatto, J. Kennan, N. Kiefer, P. Kircher, R. Lagos, G. Menzio, D. Mortensen, S. Shi, C. Teulings, E. Wasmer, R. Wright, E. Yashiv, and others

Co-organizer (with H. Bunzel, E. Moen, and until 2013 Dale Mortensen) of a series of annual *Nordic Workshops on Matched Employer-Employee Data*, in alternate years since 2009 in Aarhus respectively Oslo, from 2014 also Stockholm (L. Laun, O. Skans)

Co-organizer (with H. Bunzel) of a *Conference in Memory of Dale T. Mortensen*, Aarhus Institute of Advanced Studies (AIAS), October, 2014, featuring Kenneth Burdett, Larry Christiano, Melvyn Coles, Martin Eichenbaum, John Kennan, Rasmus Lentz, Espen Moen, Fabien Postel-Vinay, Robert Shimer, Randall Wright, Eran Yashiv, and others

Co-organizer (with T. Andersen, K. Andersson, D. Berntsen, A. Bohn, R. Willerslev, and M. Kyndrup) of the Aarhus Institute of Advanced Studies (AIAS) conference *The Hands of Time: Multiple Perspectives on Aging*, Aarhus, June, 2015, featuring L. Fratiglioni (Karolinska Institute, Stockholm), W. Hirst (New School, New York), C. Holland (Aston U., Birmingham), C. Humphrey (Cambridge U.), F. Mazzonna (U. Svizzera Italiana, Lugano), K. Mheallaigh (U. Exeter), P. Pestieau (U. Liege), M. Ross (U. Waterloo, Ontario), S. Umanath (Washington U., St. Louis), D. Westerling (U. Lund), and others.

**Ph.D. Training  
Organized**

Organizer of a one-week Ph.D. course in Aarhus, September 1997, titled *Estimation of Diffusion Processes in Finance*, and lectured by Yacine

Ait-Sahalia, University of Chicago (now Princeton University) and Michael Sørensen, University of Copenhagen, for 40 students from 15 countries

Founding member and member of steering group of *Danish Network for Ph.D. Education in Finance*, started in 1999 on grants from the Danish Social Science Research Council and the Danish Research Academy, offering both concentrated advanced Ph.D. courses and full-length semester Ph.D. courses to Danish and international Ph.D. students

Organizer of a two-day Ph.D. course in Aarhus, December, 1999, titled *Financial Econometrics*, and lectured by Yacine Ait-Sahalia, Princeton University

Wrote successful application for *Marie Curie EU Framework Program 5 Ph.D. Training Site* in Aarhus, 2000-2004

Organizer of a two-day Ph.D. course in Aarhus, February, 2001, titled *Volatility Modelling, Options Information and Empirical Finance*, and lectured by Stephen Taylor, University of Lancaster, UK

Organizer of a two-day Ph.D. course in Aarhus, February, 2001, titled *Parameter Calibration in Option Pricing Models: Theoretical and Numerical Aspects*, and lectured by Rama Cont, l'Ecole Polytechnique, Paris

Co-organizer (with N. Datta Gupta) of a four-day Ph.D. course in Aarhus, November, 2001, titled *The Econometrics of Social Insurance*, and lectured by John Rust, Yale University

Organizer of a two-day Ph.D. course in Aarhus, March, 2002, titled *A Geometric View of Interest Rate Theory*, and lectured by Tomas Björk, Stockholm School of Economics

Co-organizer (with O.E. Barndorff-Nielsen, A. Shiryaev, and M. Sørensen) of a one-week *Summer School on Levy Processes and Semimartingales, Recent Developments and Applications to Finance*, in Aarhus, August 2002, lectures by N. Shephard, Nuffield College, Oxford, A. Shiryaev, Steklov Institute, Moscow, and others, for 80 students from 20 countries

Founding member and member of steering group of *Danish Doctoral School of Finance*, started in 2002 on a grant from the Danish Research Training Council, offering both concentrated advanced Ph.D. courses and full-length semester Ph.D. courses to Danish and international Ph.D. students

Chairman, *Marie Curie EU Framework Program 5 Ph.D. Training Site* in Aarhus, 2003-2004

Organizer of a short Ph.D. course in Aarhus, December, 2003, titled *Optimal Stopping and Futures Contracts*, and lectured by Tomas Björk, Stockholm

School of Economics

Organizer and lecturer in *Financial Econometrics*, a regular full semester Ph.D. course, every Spring term starting in 2004, offered by the Danish Doctoral School of Finance, to Danish and international Ph.D. Students

Organizer of a concentrated advanced Ph.D. course in Aarhus, November, 2004, titled *Optimal Stochastic Control with Finance Applications*, and lectured by Tomas Björk, Stockholm School of Economics

Organizer of a concentrated advanced Ph.D. course in Aarhus, October, 2010, titled *New Monetarist Economics*, and lectured by Randall Wright, University of Wisconsin, Madison

Organizer of a concentrated advanced Ph.D. course in Aarhus, October, 2011, titled *Search Theory Applied to the Marriage Market, Money, Finance, Investment, and Growth*, and lectured by Randall Wright, University of Wisconsin, Madison

Organizer of a concentrated advanced Ph.D. course in Aarhus, October, 2012, titled *Directed Search*, and lectured by Shouyong Shi, University of Toronto

Organizer of a concentrated advanced Ph.D. course in Aarhus, October, 2012, titled *Search Theory Applied to Money, Credit, and Banking*, and lectured by Randall Wright, University of Wisconsin, Madison

Organizer of a concentrated advanced Ph.D. course in Aarhus, October, 2013, titled *Wage Dispersion, Firm Productivity Differences, and Labor Reallocation*, and lectured by Rasmus Lentz, University of Wisconsin, Madison

Organizer of a concentrated advanced Ph.D. course in Aarhus, October, 2017, titled *Directed Search*, and lectured by Randall Wright, University of Wisconsin, Madison

**International  
Seminar  
Presentations**

Columbia, Spring 1992

Cornell, Spring 1993

Indiana (Bloomington), Fall 1994

Yale, Spring 1995

Princeton, Spring 1995

Wharton, Spring 1998

The Malinvaud Seminar, INSEE-CREST, Paris, Fall 1999

Bergen, Norway, Spring 2001

Indian Institute of Management, Calcutta, Spring 2002

Institute of Applied Economics (IPEA), Rio de Janeiro, Spring 2004

Bergen, Norway, Fall 2005

Harvard (Dept. of Economics), Fall 2006  
Harvard Business School, Fall 2006  
University of Arizona, Spring 2007  
Harvard (Dept. of Economics), Spring 2007  
Boston University, Spring 2007  
Harvard Business School, Spring 2007  
Helsinki School of Economics, Fall 2008  
Federal Reserve Bank of San Francisco, Fall 2014  
Northwestern University (Dept. of Finance), Fall 2015

**Invited International  
Conference  
Presentations**

The Interplay Between Finance, Insurance, and Statistics, Cortona, Italy,  
June, 1998  
Financial Options Research Conference (FORC), Warwick, U.K., July, 1999  
Monte Carlo and Probabilistic Methods for Partial Differential Equations,  
Monte Carlo, Monaco, July, 2000  
Equilibrium Search and Matching Models, University of Iowa, August, 2000  
Recent Advances in Statistics, International Indian Statistical Association,  
Delhi, December, 2000-January, 2001  
Infinite Dimensional Models in Mathematical Finance, Warwick, U.K., May,  
2001  
Stochastic Volatility in Finance, Nuffield College, December, 2001  
The Interplay Between Finance and Labor, University of Bonn, Germany,  
December, 2001  
8th Vilnius Conference on Probability and Mathematical Statistics, Vilnius,  
June, 2002  
Stochastic Economic Dynamics, Elsinore, August, 2002  
UK Econometric Study Group, Bristol, July, 2003  
Stochastic Finance, Lisbon, Portugal, September, 2004  
Macro-Finance, European Central Bank and Bank of International  
Settlements, Frankfurt, September, 2005  
NBER & NSF Time Series Conference, University of Iowa, September, 2007  
Structural Models of the Labor Market and Policy Analysis, Institute for  
Fiscal Studies (IFS), London, November, 2008  
Croatian Quants' Day, University of Zagreb, Croatia, April, 2009  
BMRC-QASS Macro and Financial Economics Conference, Brunel  
University, London, May, 2010 (**keynote speaker**)  
Yield Curve Modeling and Forecasting, Erasmus University and Tinbergen  
Institute, Rotterdam, June, 2010  
Recent Developments in Financial Econometrics and Empirical Finance,  
Centre for Financial Econometrics, University of Essex, June, 2014  
Society of Economic Dynamics (SED), Annual Meeting, Toronto, June, 2014  
Medical Spending Across the Developed World, Institute for Fiscal Studies  
(IFS), London, March, 2015  
Whither the Nordic Welfare Model, Nordic Economic Policy Review  
(NEPR) Conference, Helsinki, October, 2015  
Conference on Macroeconomics and the Labor Market, Center for European  
Economic research (ZEW), Mannheim, May, 2018



Long Memory Conference, Department of Mathematical Sciences, Aalborg University, June, 2018

**Conference Presentations**

Dec. 1988, North-American Econometric Society, New York  
Aug. 1990, Econometric Society World Congress, Barcelona  
Jan. 1992, North-American Econometric Society, New Orleans  
June 1992, Society for Economic Dynamics and Control (SEDC), Montreal  
June 1992, North-American Econometric Society, Seattle  
Aug. 1992, Labour Market Conf., Sandbjerg, Denmark  
Aug. 1992, Econometric Society European Meetings (ESEM), Brussels  
Jan. 1993, North-American Econometric Society, Anaheim  
Aug. 1993, Econometric Society European Meetings (ESEM), Uppsala  
Jan. 1994, North-American Econometric Society, Boston  
May 1994, Applied Econometrics Conference, Tilburg  
Mar. 1995, Society of Computational Economics, Austin  
Apr. 1995, Derivative Securities Conference, Cornell, NY  
Sep. 1995, Fixed-Income Conference, Hindsø, Denmark  
Nov. 1995, Simulation-Based Econometrics Conference, Minneapolis  
Dec. 1995, Non-Linear Modelling Conference, Aarhus, Denmark  
Jan. 1996, North-American Econometric Society Annual Meetings, San Francisco  
Jan. 1996, American Finance Association (AFA) Annual Meetings, San Francisco  
Apr. 1996, Derivative Securities Conference, Queen's U., Ontario  
June 1996, Mathematical Finance Conference, Aarhus, Denmark  
Sep. 1996, European Association of Labor Economists (EALE), Greece  
Jan. 1997, North-American Econometric Society, New Orleans  
Dec. 1997, ISI-Bernoulli, Recent Advances in Statistics, Calcutta  
Jan. 1998, American Economic Association (AEA) Annual Meetings, Chicago  
June 1998, Finance, Insurance and Statistics Conference, Cortona, Italy  
July 1999, Financial Options Research Conference, Warwick  
June 2000, Society of Economic Dynamics, Costa Rica  
Aug. 2000, Econometric Society World Congress, Seattle  
June 2001, Society of Economic Dynamics, Stockholm  
Jan. 2002, American Finance Association (AFA) Annual Meetings, Atlanta  
June 2004, Financial Management Association (FMA), Zürich  
Jan. 2005, Global Development Network, Dakar, Senegal  
Aug. 2005, Econometric Society World Congress, London  
Oct. 2005, Latin American and Caribbean Economic Association, Paris  
Dec. 2005, 2nd Global Labor Forum, Delhi  
Jan. 2006, North-American Econometric Society, Boston  
Jan. 2006, American Finance Association (AFA) Annual Meetings, Boston  
May 2006, CIRANO-CIREQ Financial Econometrics, Montreal  
July 2009, 7<sup>th</sup> iHEA World Congress, International Health Economics Association, Beijing  
Sep. 2009, NBER & NSF Time Series Conference, UC Davis

Mar. 2010, Royal Economic Society Annual Conference, Surrey, U.K.  
 June 2010, 3<sup>rd</sup> International Conference of the European Association of  
 Labor Economists (EALE) and the Society of Labor Economists  
 (SOLE), University College London (UCL)  
 July 2010, Society for Economic Dynamics (SED) Annual Meeting,  
 Montreal  
 Aug. 2010, Econometric Society World Congress, Shanghai  
 Oct. 2010, Dynamic Stochastic General Equilibrium Models, Federal  
 Reserve Bank of Atlanta  
 Apr. 2011, Second Australian Workshop on Econometrics and Health  
 Economics, Gold Coast QLD  
 June 2011, Western Finance Association (WFA) Annual Meetings, Santa Fe,  
 New Mexico  
 Aug. 2011, Econometric Society European Meetings (ESEM), Oslo  
 Oct. 2011, Euro Area Business Cycle Network Conference on Econometric  
 Modelling of Macro-Financial Linkages, European University  
 Institute, Florence  
 Nov. 2011, NBER Group on Micro and Macro Perspectives on the Aggregate  
 Labor Market  
 Dec. 2011, 12<sup>th</sup> IWH-CIREQ Macroeconometric Conference, Halle (Saale),  
 Germany  
 May 2012, 17<sup>th</sup> Society of Labor Economists (SOLE) Annual Meetings,  
 Chicago  
 Jan. 2012, North-American Econometric Society, Chicago  
 Sep. 2012, German Economic Association, Gottingen, Germany  
 Dec. 2012, 6<sup>th</sup> International Conference on Computational and Financial  
 Econometrics, Oviedo, Spain  
 Mar. 2013, 3<sup>rd</sup> Humboldt-Copenhagen Conference on Financial  
 Econometrics, Berlin  
 July 2013, 19<sup>th</sup> Annual Conference on Computing in Economics and Finance  
 (CEF), Vancouver  
 Aug. 2013, 28<sup>th</sup> European Economic Association (EEA) Annual Congress,  
 Gothenburg  
 Dec. 2013, 24<sup>th</sup> European Conference of the Econom(etr)ic Community –  
 (EC)<sup>2</sup>, Nicosia, Cyprus  
 Jan. 2014, American Economic Association (AEA) Annual Meetings,  
 Philadelphia  
 June 2014, Netherlands Econometric Study Group (NESG), Tilburg  
 June 2014, International Association of Applied Econometrics (IAAE)  
 Annual Conference, London  
 Aug. 2014, Econometric Society European Meetings (ESEM), Toulouse  
 May 2015, Nordic Econometric Society, Helsinki, Finland  
 June 2015, 8<sup>th</sup> Annual SoFiE (Society for Financial Econometrics)  
 Conference, Aarhus  
 Aug. 2015, 30<sup>th</sup> European Economic Association (EEA) Annual Congress,  
 Mannheim  
 Oct. 2015, Conference on Health Economics and Econometrics, University  
 of Copenhagen

May 2016, 21<sup>st</sup> Society of Labor Economists (SOLE) Annual Meetings, Seattle  
 September 2017, 2<sup>nd</sup> Conference on the Econometrics of Climate Change, Oxford  
 December 2017, Inaugural Conference, Asian and Australasian Society of Labour Economics (AASLE), Australian National University (ANU), Canberra  
 June 2018, 10<sup>th</sup> Conference on Actuarial Science and Finance on Samos  
 June 2018, 7<sup>th</sup> Conference of the American Society of Health Economists (ASHE), Emory, Atlanta  
 September 2018, The Labor Market with an Aging Population, IFAU and Uppsala University, Sweden

**Committee Work**

Ph.D. Program Committee, NYU and Aarhus  
 Undergraduate Program Committee, NYU  
 Faculty Recruiting Committee, NYU and Aarhus  
 Assistant Professorship Assessment: Aalborg University; Aarhus School of Business; Aarhus University; Copenhagen Business School  
 Associate Professorship Assessment (Tenure Review): Aarhus University; Binghamton University (SUNY), New York, USA; Isenberg School of Management, University of Massachusetts, USA; Krannert School of Management, Purdue University, USA; London School of Economics (LSE); National Center for Register Research (Denmark); University of Southern Denmark; Aalborg University  
 Full Professorship Assessment: Aarhus School of Business; Copenhagen Business School (twice); Helsinki School of Economics and Business Administration; University of Copenhagen; University of Southern Denmark (three times); Åbo Akademi University, Vasa, Finland; School of Business and Economics, University of Turku, Finland; Patterson School, University of Kentucky; University of Western Ontario, London  
 Committee to assess teaching and research at the Faculty of Social Science, Aarhus University (committee chair)  
 Dean's Committee to develop initiative on research on globalization, Aarhus University  
 Public trust post: Member of two-person permanent advisory group on property valuation (with Prof. Peter Birch Sørensen, former Chairman of the Danish Economic Council) at the Danish Ministry of Taxation, 2015 – present  
 Expert witness, Eastern High Court, Copenhagen, Nets Holding A/S versus Danish Competition and Consumer Authority (biint. Danish E-Commerce Association), 2015 – present  
 Econau Steering Group, overseeing researchers' access to Statistics Denmark register data via projects at Aarhus University, 2018 – present

**Expert Assessment of Research Proposals**

Danish Social Science Research Council (FSE)  
 European Science Foundation (ESF) (referee on European Collaborative Research Project proposals)

Norwegian Research Council  
Cornell National Supercomputer Facility (referee on grant and project proposals)  
University of Luxembourg (referee on applications for internal funding)

**External Member of International Ph.D. Committees** Elisa Nicolato (University of Padua, Italy)  
Karsten Prause (Freiburg University, Germany)  
Magnus Hyll (Stockholm School of Economics, Sweden)  
Aico van Vuuren (Free University, Amsterdam, The Netherlands)  
Tian Tian Qiu (Department of Economics, Harvard University)

**External Member of Danish Ph.D. Committees** Peter Fledelius (Aarhus School of Business)  
Mads Vestergaard Jensen (Copenhagen Business School)  
Casper Nordal Jørgensen (University of Copenhagen)  
Lars Korsholm (Institute of Mathematics, University of Aarhus)  
Jesper Lund (Aarhus School of Business)  
Claus Munk (University of Southern Denmark, Odense)  
Martin Richter (Copenhagen Business School)

**Internal Chair of Ph.D. Committees, Aarhus University** Jens Riis Andersen  
Stefan Holst Bache  
Ken Bechmann  
Marias Halldor Gestsson  
Bjarke Jensen  
Michael Jansson  
Peter Lildholdt  
Nikolaj Malchow-Møller

**Honorary Doctoral Degree Committees** Clive Granger (Spring 2003, 6 months prior to Nobel Prize)  
David F. Hendry (Spring 2013)

**Editorial Work** *Mathematical Finance*, Associate Editor, 2003-2006  
*Journal of Applied Econometrics*, special issue on the Econometrics of Social Insurance and Pensions Research. Co-editor (with N. Datta Gupta and John Rust), Vol. 19, 2004  
*Journal of Time Series Econometrics*, special issue on Periodicity, Non-Stationarity, and Forecasting of Economic and Financial Time Series. Co-editor (with Tim Bollerslev, N. Haldrup, and A. Lunde), Vol. 3, 2011  
*Panel Data and Structural Labour Market Models*. Amsterdam: North-Holland, 2000. ISBN: 0-44-50319-6. 312 pages. Co-editor (with H. Bunzel, P. Jensen, N.M. Kiefer, and D.T. Mortensen)  
*Structural Models of Wage and Employment Dynamics*. Amsterdam: Elsevier, 2006. ISBN: 0-444-52089-9. 612 pages. Co-editor (with H.

Bunzel, G.R. Neumann, and J.-M. Robin)

*Globalization – Strategies and Effects*. New York: Springer-Verlag, 2017.  
ISBN: 978-3-662-49502-5. 630 pages. Co-editor (with C.  
Kowalczyk)

*Firm Heterogeneity, Labor Markets, and International Trade – Evidence  
from Danish Matched Employer-Employee Data*. New York:  
Springer-Verlag. Forthcoming, 2017. ISBN: 978-3-642-37728-0. 450  
pages. Co-editor (with H. Bunzel and Dale T. Mortensen)

**Referee**

American Economic Review  
Bulletin of Economic Research  
Econometrica  
Economic Theory  
European Financial Review  
Finnish Economic Papers  
International Economic Review  
Journal of Applied Econometrics  
Journal of Banking and Finance  
Journal of Business  
Journal of Business and Economic Statistics  
Journal of Econometrics  
Journal of Economic Dynamics and Control  
Journal of Empirical Finance  
Journal of Finance  
Journal of Financial and Quantitative Analysis  
Journal of Financial Economics  
Journal of Financial Intermediation  
Journal of Labor Economics  
Journal of Time Series Analysis  
Macroeconomic Dynamics  
Management Science  
Mathematical Finance  
Nationaløkonomisk Tidsskrift (Danish Journal of Economics)  
Oxford Bulletin of Economics and Statistics  
Quantitative Finance  
Review of Economic Dynamics  
Scandinavian Journal of Economics