

**CONTACT INFORMATION**

Department of Economics, Maloney Hall 315, Boston College, 140 Commonwealth Avenue, Chestnut Hill, MA 02467, USA

**Phone:** 617-281-6013    **Email:** lewbel@bc.edu

**Homepage:** <https://sites.google.com/bc.edu/arthur-lewbel>

**EDUCATION**

**Ph.D.**, Management Applied Economics, MIT Sloan School of Management,  
Dissertation: Three Essays in the Analysis of Microeconomic Data 1984

**B.S.**, Mathematics, Massachusetts Institute of Technology 1978

**EMPLOYMENT**

Barbara A. and Patrick E. Roche Professor of Economics, Boston College (current)  
Professor of Economics, Brandeis University  
Visiting Professor, Boston University  
Visiting Professor, Sloan School of Management, MIT,  
Co-author of educational computer programs, Tom Snyder Productions, Inc.,  
Consulting Economist, Consumer Economic Services, Data Resources Inc.

**EDITORSHIPS**

Co-Editor, *Econometric Theory* 2011-present  
Co-Editor, *Journal of Business and Economic Statistics*, 2006-2010  
Co-Editor, *Economics Letters*, 1999-2003  
Associate Editor, *Econometric Theory*, 2003-2011  
Associate Editor, *Journal of Applied Econometrics*, 1993-2008  
Associate Editor, *Journal of Econometrics*, 1992-2004  
Associate Editor, *Journal of Business and Economic Statistics*, 1989-97

**HONORS AND AWARDS**

Fellow of the International Association of Applied Econometrics, 2020-present  
Multum Scripsit *Econometric Theory* award, 2008  
Inaugural holder of the Barbara A. and Patrick E. Roche Chair in Economics, Boston College, 2005-present  
Boston College Distinguished Research Award, 2004  
Fellow of the Econometric Society, 2003-present  
Fellow of the Journal of Econometrics, 2000-present  
International Fellow of the Institute for Fiscal Studies (IFS)  
International Fellow of the Centre for Microdata Methods and Practice (cemmap)



Department of Health and Human Services, grant 1-042103552, with Robert Lerman,  
"Child Support and Economic Opportunity: Work and Family Effects on Young Men and  
Women," 1988-89



“Testing Stability of Regression Discontinuity Models,” with Giovanni Cerulli, Yingying



**2010**





"Rank, Separability, and Conditional Demands," **Canadian Journal of Economics**, 2002, 35, 410-413

"Nonparametric Censored and Truncated Regression," with Oliver Linton, **Econometrica**, 2002, 70, 765-779.

## 2001

"Demand Systems With and Without Errors," **American Economic Review**, 2001, 91, 611-618.

## 2000

"Semiparametric Qualitative Response Model Estimation With Instrumental Variables and Unknown Heteroscedasticity," **Journal of Econometrics**, 2000, 97, 145-177.

"Identification of the Binary Choice Model With Misclassification," **Econometric Theory**, 2000, 16, 603-609.

## 1998

"Semiparametric Latent Variable Model Estimation With Endogenous or Mismeasured Regressors," **Econometrica**, January 1998, 66(1), 105-121.

## 1997

"Consumer Demand Systems and Household Equivalence Scales," *Handbook of Applied Econometrics, Volume II: Microeconomics*, M. H. Pesaran and P. Schmidt, eds., 1997, Oxford: Blackwell Publishers Ltd.

"Quadratic Engel Curves and Consumer Demand," with James Banks and Richard Blundell, **Review of Economics and Statistics**, November 1997, 79(4), 527-539.

"Constructing Instruments for Regressions With Measurement Error When No Additional Data are Available, With an Application to Patents and R&D" **Econometrica**, September 1997, 65(5), 1201-1213.

"Semiparametric Estimation of Location and Other Discrete Choice Moments," **Econometric Theory**, March 1997, 13(1), 32-51.

## 1996

"Demand Estimation With Measurement Errors on the Left and Right Hand Side," **Review of Economics and Statistics**, November 1996, 78(4), 718-725.

"Tax Reform and Welfare Measurement: Do We Need Demand System Estimation?" with James Banks and Richard Blundell, **Economic Journal**, September 1996, 106(438), 1227-1241.

"Aggregation Without Separability: A Generalized Composite Commodity Theorem," **American Economic Review**, June 1996, 86(3), 524-543.

**1995**

"Utility Functions and Global Regularity of Fractional Demand Systems," **International Economic Review**, 1995, 36(4), 927-945.

"Equivalence Scales, Costs of Children, and Wrongful Death Laws," with Richard Weckstein, **Journal of Income Distribution**, 1995, 4(2), 191-208.

"A Theorem on Portfolio Separation With General Preferences," with William Perraudin, **Journal of Economic Theory**, 1995, 65(2), 624-626.

"Consistent Nonparametric Hypatw (l)-atw (l)-p 0 0 12nd Wharand2/TT1 1Tw 20 0 2.-10 (o)2 (b)2 A 2.-



"Bliss Levels That Aren't," **Journal of Political Economy**

2022 seminars at (chronologically): Caltech, Ohio State University, and University of Virginia.

Chair and discussant, session on “Inequality within Families,” 2022 Allied Social Sciences Association meetings (virtual).

Paper presentation, “Economies of Scale in Collective Households,” Francqui prize workshop on the Economics of the Family, sponsored by the European Center for Advanced Research in Economics and Statistics (ECARES), Brussels, Belgium.

Discussant, session on “Identification in Demand Estimations,” American Agricultural Economics Association, Anaheim, CA

## **2021**

2021 seminars at (chronologically) Penn State University (virtual) and Simon Fraser University (live).

Paper presentation, "Workshop on Applications of Revealed Preference" sponsored by Bristol U. (virtual).

Paper presentation, Annual meeting of the Agricultural & Applied Economics Association (AAEA) (virtual).

Paper presentation, Rome International Workshop on Computational Economics and Econometrics (virtual).

Paper presentation, Workshop on Household Decision-Making sponsored by the Institute for International Economic Studies in Stockholm (virtual).

Program committee member, Asian Meeting Econometric Society at Curtin University, Malaysia (virtual).

Session chair, Society of Household Economics meeting in Boston (virtual).

## **2020**

2020 seminars at (chronologically) University of New Hampshire; and, virtually, University of Sussex.

“Inefficient Collective Households: Cooperation and Consumption,” Econometric Society World Congress (virtual), Bocconi University, Milan.

## **2019**

2019 seminars at (chronologically): The University of Western Ontario, Canada; Shanghai Jiao Tong University, China; Wuhan University, China; Chinese University of Hong Kong; Monash University in Melbourne, Australia; University of New South Wales, Australia;

University of Sydney, Australia; University at Adelaide, Australia; Fudan University in Shanghai, China; and The University of Pittsburgh.

“Identification of random resource shares in collective households without preference similarity restrictions,” The Allied Social Sciences Association meetings, Atlanta.

“Identification of random resource shares in collective households without preference similarity restrictions,” The 3rd Applied Economics Workshop in Bordeaux, France.

“Inefficient Collective Household: Abuse and Consumption,” keynote address, The 3rd Conference of the Society of Economics of the Household, Lisbon, Portugal.

“Inefficient Collective Household: Abuse and Consumption,” The Asia meetings of the Econometrics society, Xiamen, China.

“General Doubly Robust Identification and Estimation,” The China meetings of the Econometric society, Guangzhou, China.

“Measuring Resource Shares and Poverty at the Individual Level,” keynote address, 6th annual conference of the Society for Economic Measurement, Frankfurt, Germany.

and 2017-2018 (see also 2017-2018)

**2018**

2018 seminars at (chronologically):



“Identification of random resource shares in collective households without preference similarity res



“Nonlinear Random Coefficients,” 6<sup>th</sup>

“Necessary Luxuries,” Workshop on Microeconometrics, Seoul International University, South Korea, May 2015

“A theory of the allocation of time” Special Session on Gary Becker: 50 Years of Home Production and the Allocation of Time, Royal Economic Society meetings, Manchester, UK, Mar. 2015

“Identifying the Average Treatment Effect in a Two Threshold Model,” Session on Econometrics: Treatment Effects, Royal Economic Society meetings, Manchester, UK, Mar. 2015

Discussant and chair, multiple sessions of the Allied Social Sciences Association annual meeting, Boston, Jan. 2015

“Necessary Luxuries,” Session on New Developments in the Estimation of Classical Consumer Demand, American Economic Association, Allied Social Sciences Association annual meeting, Boston, Jan. 2015

“Identifying the Average Treatment Effect in a Two Threshold Model,” Session on Program Evaluation, Econometric Society, Allied Social Sciences Association annual meeting, Boston, Jan. 2015

## **2014**

2014 seminars at: Jiao Tong Shanghai U., Renmin U. Beijing, Institut National de la Statistique et des Etudes Economiques Paris, U. of Surrey Guildford, Centre de Recherche en Economie et Statistique Laboratoire de Microéconométrie Paris, Hong Kong U. of Science and Technology, Singapore Management University, National University of Singapore, Shanghai U. of Finance and Economics, U. of Leuven, U. of Southern Denmark, U. of Copenhagen, Boston U.

“Identifying the Average Treatment Effect in a Two Threshold Model,” Conference presentation at Microdata Methods and Practice: A cemmap Celebration, University College London, November 2014.

“Unobserved Preference Heterogeneity in Demand Using Generalized Random Coefficients,” Center for Microdata Methods and Practice workshop on Nonparametric Demand, Institute for Fiscal Studies, London, November 2014

“Unobserved Preference Heterogeneity in Demand Using Generalized Random Coefficients,” Symposium, Microeconometrics: Theory and Empirics, Bank of Canada, Ottawa, October 2014

“Identifying the Average Treatment Effect in a Two Threshold Model,” European meetings of the Econometric Society, Toulouse, August 2014

“Unobserved Preference Heterogeneity in Demand Using Generalized Random Coefficients,” Keynote speech, Shanghai Jiao

“Identification and Estimation of Games with Incomplete Information Using Excluded Regressors,” Econometric Society Winter Meetings, ASSA, San Diego, Jan. 2013

## 2012

“Generalized Random Coefficients With Equivalence Scale Applications,” Asian meetings of the Econometrics Society, New Delhi, India Dec. 2012.

“Generalized Random Coefficients With Equivalence Scale Applications,” Supex-Asian conference on Applied Micro-Economics/Econometrics, Sogang U., Korea, Nov. 2012.

“Identifying Sharing Rules in Collective Household Models: An Overview,” Family Economics Workshop, Family Inequality Network, Chicago, Nov. 2012.

“Nonparametric Errors in Variables Models with Measurement Errors on both sides of the Equation,” Cemmap conference on Measurement Error, London, Oct. 2012.

“Identifying Sharing Rules in Collective Household Models: An Overview,” Workshop on the Economics of Gender,” Nice, France, June 2012.

“Generalized Random Coefficients With Equivalence Scale Applications,” European Meetings of the Econometrics Society, Malaga, Spain, Aug. 2012.

“Resource Shares with and without Distribution Factors”, Conference on Resource Allocation Within Households, Institute for Fiscal Studies, London, Mar. 2012.

Discussant, Allied Social Sciences Association annual meeting, Chicago, Jan. 2012

2012 Seminars at: U Chicago, Becker-Friedman Institute, Ohio State U., Sorbonne, Shanghai U., Nanjing U. Shanghai U. of Finance and Economics, Shandong U. (Jinan, China), Southwestern U. of Finance and Economics (Chengdu, China), Vanderbilt, Emory, U. Toronto, U. Wisconsin Madison.

## 2011

“Generalized Random Coefficients With Equivalence Scale Applications,” Conference on Bounded Rationality, Revealed Preferences, and Consumer Demand, Institute for Fiscal Studies, London, Dec. 2011.

“Children's Resources in Collective Households: Identification, Estimation and an Application to Child Poverty in Malawi,” Economics of the Family Conference in honor of Gary Becker, Paris, October 2011. 0.004 Tw [P]-8 (ar)-1T O



“Identifying the Returns to Lying When the Truth is Unobserved.” Bates-White Sixth Annual Antitrust Conference, Washington DC, 2009

“Nonparametric identification of a Binary Random Factor in Cross Section Data,” North American Summer Meeting of the Econometric Society, Boston, 2009.

“Identifying the Returns to Lying When the Truth is Unobserved.” At Banff International Research Station, workshop on Semiparametric and Nonparametric Methods in Econometrics, 2009

“Semiparametric Double Index Model Identification and Estimation,” North American Winter Meeting of the Econometric Society, San Francisco, 2009.

## 2008

"Estimation of collective Household models With Engel Curves," Society of Labor Economists Annual meeting, invited session on "The Family," 2008.

"Returns to Lying When the Truth is Unobserved," Economic Research Initiatives at Duke conference on Identification Issues in Economics," at Duke University, 2008.

“Estimation of collective Household models With Engel Curves,” Workshop on Model Estimation of Family

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## TEACHING

Econometrics and Microeconomics courses from introductory undergraduate to Ph.D. level

PhD Thesis primary advisor and committee chair, with last known affiliations:

Jade Ngoc Nguyen, British Telecom

Jenny Dinghe Cui, Cornerstone Research

Navin Kumar, Harris School of Public Policy at University of Chicago (teaching position)

Xirong Lin, Shanghai University of Finance and Economics

Joseph Coopriider, Amazon

Jacob Penglase, San Diego State University

Solvejg Wewel, Analysis Group

Choon Sung Lim, Bank of Korea.

Igor Karagodsky, Analysis Group.

Rossella Calvi, Dept. of Economics, Rice University.

Thomas Tao Yang, Research School of Economics, Australian National University

Jin-Young Choi, Chow Center & WISE & School of Economics, Xiamen University.

Yingying Dong, Dept. of Economics, University of California Irvine

Todd Prono, Senior Economist, US Federal Reserve Board of Governors

Jingzhi (Ginger) Meng, Business Administration dept., Stonehill College

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"Micro-ex: Computerized Exercises in Microeconomics" Software to accompany the textbook, "Microeconomics," by R. Pindyck and D. Rubinfeld, published by Macmillan, Inc., 1989, 2nd ed. 1992.

"Our Town Meeting" (with Thomas F. F. Snyder), a classroom economic simulation program, Published by Tom Snyder Productions, Inc., 1987

"The Federal Budget: A Question of Balance" (with Thomas F. F. Snyder and David Dockterman), a classroom economic simulation program, part of the "Decisions, Decisions" simulations series, Published by Tom Snyder Productions, Inc., 1986.

"Run For The Money," (with Thomas F. F. Snyder, through Tom Snyder Productions, inc.), an educational home computer program, Published by Scarborough Systems, Inc. 1985.

"Make Millions," (with G. Richard Fryling and Thomas F. F. Snyder, through Tom Snyder Productions, Inc.), an educational business simulation program, published by Scarborough Systems, Inc. and Mindscape, Inc., 1985.

## **TESTIMONY EXPERIENCE**

Investigation of practices of the California Independent System Operator Corporation and the California Power Exchange (CISO & CPE) for the Federal Energy Regulatory Commission, in the matter of San Diego

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"Writing and Evaluating Educational Simulations Software," Academic Computing Magazine, March/April 1988, 2, 28-29, 51-54.