

Justin L. Tobias

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POSITIONS HELD

07/01-Present	Director of Undergraduate Honors Program in Economics, UC-Irvine.
03/00-Present	Member of the Institute for Mathematical Behavioral Sciences, UC-Irvine.
07/99-Present	Assistant Professor of Economics, UC-Irvine.

HONORS AND EDITORIAL ACTIVITIES

07/02-Present	Editorial Board, <i>Journal of Modern Applied Statistical Methods</i> .
2003-2004	The UC-Irvine Distinguished Assistant Professor Award for Teaching (one award made per year for the campus).

EDUCATION

Ph.D. in Economics, 1999	<i>University of Chicago</i>	Chicago, Illinois
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Century Fellowship

Dissertation: Three Essays on Bayesian Inference in Econometrics with an Application to Estimating the Returns to Schooling Quality.

B.S. in Mathematics and Economics, 1994	<i>Baldwin-Wallace College</i>	Berea, Ohio
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Summa cum laude, Lubrizol Award in Mathematics, Charles and Elsie Little Prize in Mathematics, Jacob O. Kamm Award in Economics, Pavisek Award in Economics, Poporad Scholarship in Economics, Dr. Albert Gray Prize in Economics, Cotillion Society Scholarship, Outstanding Scholar Award, Ohio Board of Regents Scholarship.

BOOK (In Progress)

Econometric Exercises: Bayesian Econometrics (with G. Koop and D.J. Poirier). Cambridge University Press. Volume 12 of Econometrics Exercises series. Draft of more than 200 pages currently under review by publisher.

JOURNAL PUBLICATIONS

- (J1) “Learning About Heterogeneity in Returns to Schooling” (with G. Koop). *Journal of Applied Econometrics*, forthcoming.
- (J1a) “Technical Appendix for ‘Learning About Heterogeneity in Returns to Schooling’ ” (With G. Koop).
- (J2) “Assessing Assessments of School Performance: The Case of California” *The American Statistician*, forthcoming.
- (J3) “Do Dropouts Suffer From Dropping Out? Estimation and Prediction of Outcome Gains in Generalized Selection Models” (With M. Li and D.J. Poirier) *Journal of Applied Econometrics*, forthcoming.
- (J4) “Returns to Schooling and Bayesian Model Averaging: A Union of Two Literatures” (with M. Li) *Journal of Economic Surveys*, forthcoming.
- (J5) “On the Predictive Distributions of Outcome Gains in the Presence of an Unidentified Parameter” (with D. J. Poirier). *Journal of Business and Economic Statistics*, 21(2), 258-268, 2003 .
- (J6) “Simple Estimators for Treatment Parameters in a Latent Variable Framework” (with J. Heckman and E. Vytlacil). *Review of Economics and Statistics*, 85(3), 748-755, 2003.
- (J7) “A Finite-Sample Hierarchical Analysis of Wage Variation Across Public High Schools: Evidence from the NLSY and High School and Beyond” (with M. Li) *Journal of Applied Econometrics*, 18, 315-336, 2003.
- (J8) “Are Returns to Schooling Concentrated Among the Most Able? A Semiparametric Analysis of the Ability-Earnings Relationships” *Oxford Bulletin of Economics and Statistics*, 61(1), 1-29, 2003.
- (J9) “A Semiparametric Investigation of the School Quality-Earnings Relationship” (with M. Li). *Applied Economics Letters*, 10(1), 43-46, 2003.
- (J10) “The Effects of Cognitive Ability and High School Quality on College Entry Decisions: Nonparametric Estimation of Parameters of Interest” *Applied Economics*, 35(2), 209-216, 2003.
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(J11) “Nonparametric Density and Regression Estimation” (with J. DiNardo). *Journal of Economic Perspectives* 15(4), 11-28, 2001.

(J12) “Model Uncertainty and Race and Gender Heterogeneity in the College Entry Decision,” *Economics of Education Review*, 21 (3), 211-219, 2002.

(J13) “Further Results on Bayesian Method of Moments Analysis of the Multiple Regression Model” (with A. Zellner) *International Economic Review* 42(1), 121-139, 2001.

(J14) “Four Parameters of Interest in the Evaluation of Social Programs” (with J. Heckman and E. Vytlacil) *Southern Economic Journal* 68(2), 210-233, 2001.

(J15) “Forecasting Output Growth Rates and Median Output Growth Rates: A Hierarchical Bayesian Approach” *Journal of Forecasting* 20, 297-314, 2001.

(J16) “A Note on Aggregation, Disaggregation and Forecasting Performance” (with A. Zellner). *Journal of Forecasting* 19, 457-469, 2000.

PUBLICATIONS IN CONFERENCE VOLUMES

(CV1) “On Inferring Effects of Binary Treatments with Unobserved Confounders: Comment” (with D. Poirier). *Bayesian Statistics* 7, forthcoming.

(CV2) “Further Results on Bayesian Method of Moments Analysis of the Multiple Regression Model” (with A. Zellner). *1998 Proceedings of the Section on Bayesian Statistical Science of the American Statistical Association*.

(CV3) “Bayesian Method of Moments Analysis of Parametric and Semiparametric Regression Models” (with A. Zellner and H. Ryu). *1998 Proceedings of the Section on Bayesian Statistical Science of the American Statistical Association*.

WORKING PAPERS

(WP1) “Across-Regime Covariance Restrictions in Treatment Response Models” (with D.J. Poirier).

(WP2) Bayesian Semiparametric Inference in Multiple Equations Models (with G. Koop and D.J. Poirier). Under review, *Journal of Applied Econometrics*.

(WP3) “Schools, School Quality and Academic Achievement: Evidence from the Philippines” (with M. Bacolod). Under review, *Journal of Human Resources*.

(WP4) “Estimation, Learning and Parameters of Interest in a Multiple Outcome Selection Model” Under review, *Journal of Econometrics*.

(WP5) “Bayesian Modeling of School Effects Using Hierarchical Models with Smoothing Priors” (with M. Li). Under review, *Journal of Business and Economic Statistics*.

(WP6) “Semiparametric Bayesian Inference in Smooth Coefficient Models” (with G. Koop). Under review, *Journal of Econometrics*.

CURRENT PROJECTS

(CP1) “The ABC’s of California’s API.”

(CP2) “Bayes and Gravity” (with P. Ranjan).

(CP3) “Relative Teaching Wages, Teacher Ability and the Decision to Teach: A Smooth Coefficient Binary Choice Analysis” (with M. Bacolod).

(CP4) “Do Individuals with the Most Schooling Also Have the Highest Returns to Schooling?”

PRESENTATIONS

Baldwin-Wallace College	Case-Western Reserve University
Claremont-McKenna College	Iowa State University
Montana State University	Oberlin College
Oregon State University	Stanford University
Syracuse University	University of California-Berkeley
University of California-Davis	University of California-Irvine
University of California-Los Angeles	University of California-Riverside
University of Chicago	University of Connecticut
University of Maryland	University of Michigan
University of Missouri	University of Southern California
University of Toledo	University of Virginia
University of Western Ontario	University of Wisconsin-Milwaukee
Vanderbilt University	Washington University (Olin)

American Economics Association Meetings (2002 – Session Organizer and Chair, 2001).

Western Economics Association Meetings (2001 – Session Organizer and Chair).

International Society for Bayesian Analysis Regional Meetings – Laguna Beach (2001).

ASA Joint Statistical Meetings (1998, 2002).

Econometrics Society Meeting, California Institute of Technology (Summer 1997).

REFeree ACTIVITIES

Canadian Journal of Economics
Empirical Economics
Journal of the American Statistical Association
Journal of Business and Economic Statistics
Journal of Econometrics
Journal of Labor Economics
Journal of Regional Science
Review of Economics and Statistics
Southern Economic Journal

Economics of Governance
International Economic Review
Journal of Applied Econometrics
Journal of Development Economics
Journal of Human Resources
Journal of Productivity Analysis
Labour Economics
Studies in Nonlinear Dynamics and Econometrics

REFERENCES

Dan Black
Professor of Economics
Syracuse University
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John DiNardo
Professor of Economics and Public Policy
University of Michigan
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James Heckman
Henry Schultz Distinguished Service Professor of Economics and Social Sciences
Department of Economics
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Gary Koop
Professor of Economics
University of Leicester
Garymkoop@aol.com

Dale J. Poirier
Professor of Economics
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Arnold Zellner
HGB Alexander Distinguished Service Professor Emeritus of Economics and Statistics
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