

## VITA

ISABELLE M. PERRIGNE

### PERSONAL.

Date and Place of Birth: August 9, 1962; Neuilly sur Seine, France  
Citizenship: French, U.S. Permanent Resident  
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### EDUCATION.

B.S., Economics, Université de Toulouse, France, 1984.  
M.S., Econometrics, Université de Toulouse, France, 1985.  
Ph.D., Economics, Ecole des Hautes Etudes en Sciences Sociales and Université de Toulouse, France, 1991.

### DISSERTATION.

“Production Economics and Panel Data: An Application to French Grain Producers,”  
Chairman: Jean-Pierre Florens.

### POSITIONS HELD.

Chargée de Recherche, INRA, Toulouse, France, 1991-1998.  
Assistant Professor, University of Southern California, 1997-2003.  
Associate Professor, University of Southern California, 2003-2004.  
Associate Professor, Pennsylvania State University, 2003-present.  
Visiting Associate Professor, University of California Los Angeles, 2007-2008.

### HONOR, GRANTS.

Graduate Fellowship, Ministère de la Recherche et de l’Agriculture, France, 1987-1991.  
Arnold Zellner Award, *Journal of Econometrics*, 2003.

INRA, Comité Scientifique du Département, 1991, 1992, 1994.  
CCRDT, Région Midi-Pyrénées, 1994-1995.  
CCRDT, Région Midi-Pyrénées, 1996-1997.  
SC2, University of Southern California, 1998.  
HP Laboratories, Solution & Services Technologies Center, 2001, 2002.  
National Science Foundation, SES-0452154, June 2005-June 2008.

## **TEACHING EXPERIENCE.**

Statistics (U), Econometrics (U), Economics of Law and Regulation (U), Applied Econometrics (G), Empirical Industrial Organization (G), Empirical Analysis of Auctions and Contracts (G).

## **OTHER EXPERIENCE.**

Administrative Positions:

Co-Director, Center on Auctions, Procurements and Competition Policy, PSU, 2005-.

Chair, Policy, Evaluation and Planning Committee, PSU, 2004-2006.

Chair, Recruiting Committee, PSU, 2003-2004, 2005-2006, 2006-2007.

Member, Advisory Board, PSU, 2004-.

Director of Graduate Studies, USC, 1999-2002.

Member, Recruiting Committee, USC, 1997-2001.

Chair and Member, Computer Committee, USC, 1998-2000.

Chair and Member, Admission and TA Guidance Committee, USC, 1997-2003.

Member, Curriculum Committee, USC, 1999-2003.

Chair and Member, Placement Committee, USC, 1999-2003.

Member, Executive Committee, USC, 1999-2000.

Other Positions:

Panel Member, Mathematical Social and Behavioral Sciences, National Science Foundation, 2005, 2006.

Dissertation Chair: Tong Li (1997, Department of Economics, University of Indiana), Jeonghoon Ahn (2000, School of Pharmacy, USC), Sandra Campo (2002, Department of Economics, University of North Carolina Chapel Hill), Kitty Chan (2002, Market Structure Division, USDA), Jingfeng Lu (2004, Department of Economics, National University of Singapore), Sunita Surana (2005, Brattle Group), Yao Huang (in progress), Alexander Kikot (in progress), Gaurab Aryal (in progress).

Dissertation Committee Member: Steve Conroy (1998), Deva Deka (1999), Shailender Swaminathan (1999), John Worth (2000), Siyan Wang (2001), Lance Howe (2002), Surajeet Chakraverty (2002), Cathy Karnchanasai (2003), Bharat Bhole (2003), Falan Guan (2003), Jennifer Kuntz-Vadas (in progress), Florencia Gabrielli (in progress).

## **PROFESSIONAL ACTIVITIES.**

Referee for: *American Economic Review*, *Cahiers d'Economie et Sociologie Rurale*, *Comparative Economic Studies*, *Econometrica*, *Economics Letters*, *Environmental and Resource Economics*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Conflict Resolution*, *Journal of Development Economics*, *Journal of Econometrics*, *Journal of Economics and Management Strategy*, *Journal of Economic Behavior and Organization*, *Journal of Forest Economics*, *Journal of Nonparametric Statistics*, *Journal of Political Economy*, *Journal of Public Economics*, *Rand Journal of Economics*, *Resource and Energy Economics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *The Economic Journal*, National Science Foundation.

Organizer, Camp Econometrics V, Los Angeles, May 1998.  
Program Committee Member, European Summer Meeting of the Econometric Society, August 2004.  
Coorganizer, Stanford Institute for Theoretical Economics, Palo Alto, July 2007.

## **PRESENTATIONS AT SEMINARS AND CONFERENCES.**

Seminars: Université des Sciences Sociales – Toulouse, University of Southern California, University of California – Berkeley, University of California – Davis, University of California – Los Angeles, University of California – Riverside, University of California – San Diego, University of California – Santa Barbara, University of Tunis, University of Michigan, University College London, Oxford University, Cambridge University, Malinvaud Seminar Paris, University of Rochester, University of Pittsburgh, Pennsylvania State University, Cornell University, Ohio State University, University of Pennsylvania, Columbia University, Duke University.

Conferences:

Deuxièmes Journées des Jeunes Economètres, Toulouse, France, April 1991.  
Econometric Society European Meeting, Cambridge, England, Aug. 1991.  
ASSET Meeting, Athens, Greece, Nov. 1991.  
Econometric Society European Meeting, Brussels, Belgium, Aug. 1992.  
Journées de Microéconomie Appliquée, Sfax, Tunisia, June 1993.  
Econometric Society Far Eastern Meeting, Taipei, Taiwan, June 1993.  
Econometric Society World Congress, Tokyo, Japan, August 1995.  
European Economic Association Meeting, Istanbul, Turkey, August 1996.  
ASSA Meeting, New Orleans, USA, January 1997.  
Econometric Society Summer Meeting, Pasadena, USA, June 1997.  
Econometric Society European Meeting, Toulouse, France, August 1997.  
ASSA Meeting, Chicago, USA, January 1998.  
ASSA Meeting, New York, USA, January 1999.  
Econometric Far Eastern Meeting, Singapore, July 1999.  
ASSA Meeting, Boston, USA, January 2000.  
Cowles Conference on the Econometrics of Strategy and Decision Making, Yale University, USA, May 2000.  
Tow Conference on Applied Research on Auction and Mechanism Design, University of Iowa, USA, May 2000.  
SITE Meeting, Stanford University, USA, June 2000.  
Econometric Society World Congress, Seattle, USA, August 2000.  
ASSA Meeting, New Orleans, USA, January 2001.  
ASSA Meeting, Atlanta, USA, January 2002.  
SITE Meeting, Stanford University, July 2002.  
ASSA Meeting, Philadelphia, USA, January 2005.  
SITE Meeting, Stanford University, August 2005.  
International Industrial Organization Conference, Boston, USA, April 2006.  
Conference on the Econometrics of Auctions, Toulouse, France, May 2006.  
ASSA Meeting, Chicago, USA, January 2007.

## EDITED VOLUME.

1. *Studies in Estimation and Testing, Journal of Econometrics*, with C. Hsiao, 103 (1/2), 2001.

## PUBLICATIONS.

1. "Productive Efficiency of French Grain Producers: A Latent Variable Model," with M. Ivaldi and M. Simioni. *Journal of Productivity Analysis* (1994), 5, 287-299.
2. "Economies d'Echelle dans la Production Céréalière: Une Approche Nonparamétrique," with M. Simioni. *Cahiers d'Economie Rurale*, (1994), 31, 105-124.
3. "Frontière de Production et Données de Panel: Application aux Exploitations Céréalières," *Cahiers d'Economie Rurale*, (1995), 36, 79-94.
4. "Share Versus Quota Contracts: The Case of Chinese Township Village Enterprises," with C. Hsiao, J. Nugent and J. Qiu, *Journal of Comparative Economics*, (1998), 26, 317-337.
5. "Competition, Incentives and Productivity in Chinese Township Village Enterprises," with J. Nugent and J. Qiu, *Pacific Economic Review*, (1999), 4, 91-114. (lead article)
6. "Structural Econometrics of First-Price Auctions: A Survey of Methods," with Q. Vuong, *Canadian Journal of Agricultural Economics*, (1999), 47, 203-223. (lead article)
7. "Optimal Nonparametric Estimation of First-Price Auctions," with E. Guerre and Q. Vuong, *Econometrica*, (2000), 68, 525-574.(lead article)
8. "Conditionally Independent Private Information in OCS Wildcat Auctions," with T. Li and Q. Vuong, *Journal of Econometrics*, (2000), 98(1), 129-161. (won the Arnold Zellner Award)
9. "Structural Estimation of the Affiliated Private Value Model," with T. Li and Q. Vuong, *Rand Journal of Economics*, (2002), 33 (2), 171-193. (lead article)
10. "Asymmetry in First-Price Auctions with Affiliated Private Values," with S. Campo and Q. Vuong, *Journal of Applied Econometrics*, (2003), 18, 179-207.
11. "Timber Sale Auctions with a Random Reserve Price," with T. Li, *Review of Economics and Statistics*, (2003), 85, 189-200.
12. "Semiparametric Estimation of the Optimal Reserve Price in First-Price Auctions," with T. Li and Q. Vuong, *Journal of Business and Economic Statistics*, (2003), 21, 53-64.
13. "Regulation Under Asymmetric Information in Water Utilities," with I. Brocas and K. Chan, *American Economic Review, Papers and Proceedings*, (2006), 96, 62-66.
14. "Asymmetry in Procurement Auctions: Some Evidence from Snow Removal Contracts," with V. Flambard, *The Economic Journal*, (2006), 116, 1014-1036.

15. "Fostering Participation," with G. Albano, N. Dimitri and G. Piga, in *Handbook of Procurement*, N. Dimitri, G. Piga and G. Spagnolo, eds., Cambridge University Press, (2006).
16. "Auctions: Empirics," with Q. Vuong, in *The New Palgrave Dictionary of Economics, Second Edition*, S. Durlauf and L. Blume, eds., Palgrave MacMillan, forthcoming.
17. "Identification and Estimation of Bidders' Risk Aversion in First-Price Auctions," with Q. Vuong, *American Economic Review, Papers and Proceedings*, (2007), 97, 444-448.

#### **Others.**

1. "Editors' Introduction," with C. Hsiao, *Journal of Econometrics, Special Issue, Studies in Estimation and Testing*, (2001), 103 (1/2), 1-4.
2. Book Review "An Introduction to the Structural Econometrics of Auction Data," by H. Paarsch and H. Hong, *Journal of Economic Literature*, (2007), XLV, 748-753.

#### **PAPERS SUBMITTED FOR PUBLICATION.**

1. "Random Reserve Prices and Risk Aversion in Timber Sale Auctions," under revision at *Rand Journal of Economics*.
2. "Estimating Risk Aversion from Ascending and Sealed-Bid Auctions: The Case of Timber Auction Data," with J. Lu, under revision at *Journal of Applied Econometrics*.
3. "Semiparametric Estimation of First-Price Auctions with Risk Averse Bidders," with S. Campo, E. Guerre and Q. Vuong, submitted to *Review of Economic Studies*.
4. "Nonparametric Identification of Risk Aversion in First-Price Sealed-Bid Auctions Under Exclusion Restrictions," with E. Guerre and Q. Vuong, submitted to *Econometrica*.
5. "Nonparametric Identification of Incentive Regulation Models," with Q. Vuong, submitted to *Econometrica*.

#### **WORKING PAPERS.**

1. "Kernel Estimation of a Multiproduct Cost Function and Cost Scale Economies," with M. Simioni, WP 9111, INRA, Toulouse, 1991.

#### **PAPERS IN PROGRESS.**

1. "Incentive Regulatory Contracts in Public Transportation: An Empirical Study."
2. "Regulation in Water Utilities," with I. Brocas and K. Chan.
3. "Politics and Regulation: The Case of Public Transit," with S. Surana.
4. "Estimating Cost Efficiency Under Asymmetric Information," with Q. Vuong
5. "Stochastic Values in Construction Procurements," with A. Kikot and Q. Vuong.
6. "Nonlinear Pricing in Yellow Pages," with Y. Huang and Q. Vuong.

**OTHER CURRENT RESEARCH.**

1. Structural Testing of Adverse Selection
3. Adverse Selection in Insurance: Identification and Estimation

07/07