

## CURRICULUM VITAE

DAVID BARDEY

**Date of birth** March 15, 1976  
**Place of birth** Besancon, France  
**Citizenship** French  
**Marital Status** Married and one child  
**Professional Address** Universidad de Los Andes -CEDE  
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### Degrees

Ph.D in Economics, University of France-Comté, 2001.  
Dissertation: Health Insurance and Competition.

### Fields of Interest

Health Economics, Economics of Insurance, Industrial Organization, Contract Theory, Labor Economics, Economics of Education, Segregation.

### Current position

Full Professor at the University of Los Andes, 2018-  
Director of the Doctoral program, 2017-  
Visiting fellow at Toulouse School of Economics, 2008-  
Invited Professor at ENSAE, 2003-

**Languages:**

French (mother tongue), English and Spanish.

**Past Positions:**

Associate Professor at the University of Los Andes, 2012-2018.

Full Professor at the University of Rosario, 2010-2012.

Invited Professor at Cepe, 2003-2011.

Visiting professor at National University of Vietnam, Ho Chi Minh, 2011 (December).

Director of the Doctoral School, University of Rosario, 2008-2011.

Associate Professor at the University of Rosario, Bogotá, 2008-2010.

Assistant Professor at University of Rosario, 2005-2008.

Visiting Professor at Chongching University, 2004 (March).

“Maitre de Conference” at University of Toulouse 1, 2003-2005.

Post-doc at Fucam (PAI n°P5/26 contract), 2002-2003.

Visiting Scholar CREST-LEI, 2001-2002.

Visiting Scholar, University of Besançon, 1998-2001.

Invited Professor at: ENSAE (2001-), ENSAI (2002-2007), ENSTA (2001-2003), CNAM (2002-2004), CEPE (2002-2009), University of Rennes (2009-).

**Teaching:**

- Courses: Industrial Organization (Graduate), Health Economics (Graduate), Microeconomic (undergraduate), Game Theory (Graduate), Contract Theory (Graduate), Risk and Insurance (Undergraduate), Competition Policy (Graduate), Network Economics (MBA) and General Economy (undergraduate).

- Small Classes: Microeconomics, Political Economy, Statistics, Growth Theory, Public Finance, Economics of Information and Uncertainty.

- Professional Formations: Economics of Insurance, Health Economics, Contract Theory and Auctions.

**Thesis:**

Advisor of doctoral dissertation:

**Giancarlo Buitrago**: "Tres ensayos acerca del aseguramiento en salud.: Identificación y evaluación de consecuencias de asimetrías de información", University of Los Andes, 2016.

### Evaluator of doctoral dissertations:

- Essays on Health Care Financing and Health Services, by [Yaping Wu](#), School of Economics, May 2014.
- Platforms' competition, by [Carlos Cañon](#), Toulouse School of Economics, May 2012.
- Modelos de equilibrio de mercado y regulación económica en redes móviles de nueva generación, by Fabian Medel, University of Chile, January 2012.
- Evaluating Health Expenditures with Cost-Effectiveness Analysis: Foundations, Methods and Application to Colorectal Cancer Mass Screening, by [Pauline CHAUVIN](#), University of Rennes 1, CREM, October 2011.
- Three essays in health economics, by [Chiara Canta](#), Toulouse School of Economics, November 2010.

### Advisor of master thesis

**Daniel Gamboa:** "Asimetría de información en mercados ilícitos: el problema de las drogas adulteradas", University of Los Andes, 2017.

**Fernando Cardenas:** "Cambios en la utilización del sistema de salud antes modificaciones de cobertura: el caso colombiano", University of Los Andes, 2017.

**Alejandra Jaramillo:** "Volatilidad de los precios de compra del arroz peddy verde: ¿Es necesaria la intervención del gobierno en este mercado?", co-advisor Arturo Harker, University of Los Andes, 2016.

**Jose Wilman Linares:** "Efectos de las prestaciones por desempleo del Mecanismo de protección al cesante sobre la probabilidad de ocuparse en la formalidad y sobre la calidad de los emparejamientos", University of Los Andes, 2016.

**Camilo Contreras:** "Mecanismo de subasta en la contratación de obras públicas en Colombia, University of Los Andes, 2016.

**Mateo Hoyos:** "Política industrial para Colombia: ¿el fin del Consenso de Washington?", co-advisor: Dario Maldonado, University of Los Andes, 2016.

**Daniela Zuluaga:** "Efectos del esquema de precios máximos de venta en el mercado de medicamentos: evidencia empírica de Colombia", co-advisor: Arturo Harker, University of Los Andes, 2016.

**Carlos Diaz:** "Evaluación de la existencia y el nivel de poder de mercado en la industria de aceites y grasas vegetales en Colombia en el segmento de aceites líquidos de consumo masivo", University of Los Andes, 2016.

**Santiago Espinosa:** "Contratación estatal óptima para proyectos de infraestructura en entornos corruptos: empaquetamiento por medio de asociaciones público-privadas versus contratación directa por etapas", University of Los Andes, 2016.

**Valentina Chegwin:** "Calidad y competencia en un mercado de salud intermediado", University of Los Andes, 2015.

**Catalina Asmar:** "Legalización parcial de drogas como una herramienta para aumentar los costos de los carteles de narcotráfico", University of Los Andes, 2015.

**Andrés Osorio:** "Efectos de la migración sobre las decisiones de producción de los hogares rurales en México: Evaluando la adopción de nuevas tecnologías", University of Los Andes, 2014.

**Laura Ramirez:** "Evaluación del gasto de bolsillo en salud de los menores de 18 dada la igualación del POS", University of Los Andes, 2013.

**Camilo Gonzalez:** "Mercados interbancarios no colateralizados e información asimétrica: un mecanismo para lograr la participación plena de los bancos deficitarios cuando existen altos niveles y dispersión del riesgo de contraparte", co-advisor: Mónica Vargas, University of Rosario, 2013.

**Alejandro Montoya:** "Análisis de eficiencia del sector hospitalario Colombiano", University of Rosario, 2012.

**Adel Moutaabbid:** "Estimating the impact of ageing on health expenditures in France", ENSAE (Paris), 2012.

**Sandrine Juin:** "Long-Term Care, the Role of the Family", co-advisor: Helmuth Cremer, Toulouse School of Economics, 2011.

**Justina Klimaviciute:** "Long-Term Care: The Role of the Family From the Perspective of Parents", co-advisor: Helmuth Cremer, Toulouse School of Economics, 2011.

**Juan Pablo Garcia:** "Testing for hidden information and Action in Automovil Insurance Market", University of Rosario, 2011.

**Andrés Vecino:** "Variaciones regionales de la atención en salud en Colombia. El caso de la atención del parto", co-advisor: Ramon Abel Castaño, University of Los Andes, 2009.

**Juan Pablo Vasquez:** "El Mercado Móvil de Telecomunicaciones en Colombia ante Externalidades de Red", University of Rosario, 2009.

Advisor of undergraduate thesis

**Jackelyne Méndez:** "Determinantes del consumo de seguros de salud privado en Colombia", University of Los Andes, 2016.

**Juan José Hernández:** "El consumo de cigarrillo en menores: factores determinantes entre los estratos altos y bajos en Colombia", University of Los Andes, 2016.

**David Palacios:** "Efecto de la existencia de medicina prepagada sobre la calidad del servicio del Plan Obligatorio de Salud en Colombia", University of Los Andes, 2016.

**Daniela Machado:** "Movilidad de la mujer en Colombia: ¿Afectada por su estado civil?", University of Los Andes, 2016.

**Jorge Ramón:** "Más allá de la habilidad cognitiva: determinantes del empleo y el salario en el mercado laboral colombiano", University of Los Andes, 2015.

**Angie López:** "Estudio de la división geográfica del territorio colombiano a partir de las Zonas de Atención Integral y Diferencial (ZAID) en salud: Caso comparativo entre la ZAID de nivel 1 y la región Andina", University of Los Andes, 2014.

**Sergio Andres Calderon:** "El comportamiento de los agentes sobre el uso de las tarjetas de crédito en Colombia", University of Los Andes, 2014.

**Juan David Reyes:** "Portabilidad Numérica de Telefonía Móvil en Colombia: Impacto Económico y Política de Competencia", University of Los Andes, 2014.

**Laura Perez:** "El impacto de la ley de cine en la demanda nacional por películas colombianas", co-advisor: Mauricio Reina, University of Los Andes, 2013.

**Daniel Cárdenas:** "Metodologías para el cálculo del gasto de bolsillo en salud e identificación de los principales determinantes de gastos considerados altos y catastróficos para Colombia", University of Los Andes, 2013.

**Sandra Wilches:** "Influencia de los Factores Socio-Económicos en los Salarios del Sector Laboral Informal", University of Los Andes, 2013.

**Laura Ruiz:** "Las restricciones verticales en el sector de estudios de medios relacionado con el mercado de pauta publicitaria colombiano: Caso Ibope.", co-advisor: Marcela Melendez, University of Los Andes, 2012.

**Camila Molinos Iragorri:** "La Ley de Protección a la Maternidad como Incentivo de Participación Laboral Femenina", co-asesoría con Adriana Camacho, Universidad de Los Andes, 2009.

### **Professional Activities:**

**Referee for:** *Rand Journal of Economics, Journal of Economic Theory, Games of Economics and Behavior, Journal of Health Economics, Journal of Public Economics, European Economic Review, Economics Journal, Journal of Risk and Uncertainty, Journal of Risk and Insurance, Journal of Banking & Finance, Economica, Health Economics, International Journal of Industrial Organization, Journal of Economics & Management Strategy, Journal of Urban Economics, Journal of Economic Behavior and organization, The B.E. Journal of Economic Analysis & Policy, World Development, Economics Letters, Canadian Journal of Economics, Journal of Public Economic Theory, Journal of Institutional and Theoretical Economics, Review of Public Finance, European Journal of Health Economics, German Economic Review, Geneva Paper Practice and Issue, Geneva*

*Risk and Insurance Review, Annals of Economics and Statistics, Louvain Economic Review, Economia (The Journal of LACEA), African Health Sciences, Economie et Prévision, Revue d'Economie Politique, Revue Economique, Revue Française d'Economie, Actualité Economique, Revista de Economía Institucional, Desarrollo y Sociedad, Lecturas de Economía de la Universidad de Antioquia, Revista latinoamericana de Administración, Cuadernos de Economía, Revista IB and Revista de Economía del Rosario.*

Co-organizer with Pierre Dubois and Bruno Jullien of the **Conference on Health Economics and the Pharmaceutical Industry**, January 2008.

Member of ACOES.

Member of the scientific committee of Coyuntura Economica (Fedesarrollo), 2011-

Member of the scientific committee of XXXVeme Journées d'économie de la santé français, 2013 and 2014.

Member of the scientific committee of Social Interactions and Urban Segregation, Summer School, University of Rennes 1, June 2014.

#### **Awards:**

Best professor (teaching) of the Faculty of Economics, University of Rosario (2011).

Premio Germán Botero de los Rios – Fedesarrollo (2011-2012), “Competition in Colombia”, with Alejandro Becerra and Pilar Cabrera.

#### **Published Papers** (in refereed journals)

28. "Informality and Optimal Public Policy", with Daniel Mejía, *Economía the Journal of LACEA*, 2018, forthcoming.

27. "Médecine personnalisée, tests génétiques et assurance santé : une tension exacerbée entre antisélection et discrimination des risques", with Philippe De Donder, *Revue d'Economie Financiere*, N°126, pages 201-212, 2017.

26. "Supplemental health insurance in the Colombian managed care system: Adverse or advantageous selection?", with Giancarlo Buitrago, vol 56, pages 317-329, *Journal of Health Economics*, 2017.

25. "Personalized medicine. Closing the gap between knowledge and clinical practice", with Juan-Manuel Anaya (first author), Carolina Duarte-Rey, Juan-C Sarmiento-Monroy, John Castiblanco and Adriana Rojas-Villarraga, *Autoimmunity Reviews*, vol 15, Issue 8, page 833-842, 2016.

24. "Integración vertical en el sector de la salud colombiano", with Giancarlo Buitrago, *Desarrollo & Sociedad*, 77, pages 231-262, 2016.

23. "The design of insurance coverage for medical products under imperfect competition", with Helmuth Cremer and Jean-Marie Lozachmeur, *Journal of Public Economics*, vol 137, pages 28-37, 2016.
22. "Health Insurance and Diversity of Treatment: A Policy Mix Perspective", with Bruno Jullien and Jean-Marie Lozachmeur, *Journal of Health Economics*, vol 47, pages 40-53, 2016.
21. "Competition between Health Maintenance Organizations and NonIntegrated Health Insurance Companies in Health Insurance Markets", with Edmond Baranes, *Health Economics Review*, vol 5:36, 2015.
20. "Hospital Variation in Cesarean Delivery: A Multilevel Analysis", with Ramon Abel Castaño and Andrés Vecino (first author), in *Value in Health Regional Issues*, vol 8, pages 116-121, 2015.
19. "Unemployment Insurance in Presence of an Informal Sector", with Fernando Jaramillo and Ximena Peña, *World Bank Economic Review* *P&P*, vol 29, pages 126-134, 2015.
18. "Competition in two-sided markets with common network externalities", with Helmuth Cremer and Jean-Marie Lozachmeur, *Review of Industrial Organization*, Springer, vol 44, issue 4, pages 327-345, 2014.
17. "Competencia en el sector de la salud", *Coyuntura Económica y Social: Investigación Económica y Social*, vol XLIII, Fedesarrollo, pages 17-52, 2013.
16. "Genetic Testing with Primary Prevention and Moral Hazard," with P. De Donder, *Journal of Health Economics*, vol 32 (5), pages 768-779, 2013.
15. "Doctors' Remuneration Schemes and Hospital Competition in a Two-Sided Market," with Helmuth Cremer and Jean-Marie Lozachmeur, *The B.E. Journal of Economic Analysis & Policy*, vol 12, issue 1, 2012.
14. "The regulation of health care providers' payments when horizontal and vertical differentiation matter," with Chiara Canta and Jean-Marie Lozachmeur, *Journal of Health Economics*, vol 31, issue 5, pages 691-704, 2012.
13. "Health Care Network Formations and Policyholders' Welfare", with Jean-Marc Bourgeon, *The B.E. Journal of Economic Analysis & Policy*, vol 11, issue 2, 2011.
12. "Competition between Health Plans: A Two-Sided Market Approach", with Jean-Charles Rochet, *Journal of Economic and Management Strategy*, vol. 19(2), pages 435-451, 06, 2010.
11. "Retail Price Regulation and Innovation: Reference Pricing in the Pharmaceutical Industry", with Antoine Bommier and Bruno Jullien, *Journal of Health Economics*, vol. 29(2), pages 303-316, 2010.
10. "Reflexiones sobre la regulación de tarifas en el sector de la salud en Colombia", with Ramon Abel Castaño, *Revista de Economía Institucional*, 2007.
9. "Supply Induced Demand, *Ex post* Moral Hazard and Optimal Health Insurance Contract", with Romain Lesur, *Annals of Economics and Statistics*, 2006.

8. "Optimal Health Insurance Contract and *Ex ante* Moral Hazard: Is a Deductible Useful?", with Romain Lesur, *Economics Letters*, 2005.
7. "Estimation de l'efficience des dépenses de santé à l'échelon départemental par la méthode DEA", with Sylvain Pichetti, *Economie et Prévision*, 2005.
6. "Maintenance Strategies' Development from a Risk Aversion Point of View", with L. Eeckhoudt, F. Riane and H. Artiba, *Journal of Quality in Maintenance Engineering*, 2005.
5. "Contrat d'assurance maladie optimal et risque moral *ex ante* : quand peut-on s'affranchir d'une franchise ? ", with Romain Lesur, *Revue Economique*, n°5, vol 55, p857-867, 2004.
4. "Paradoxical Risk Aversion Effect on the Consumers Quality Demand", *Louvain Economics Review*, n°1, p109-114, 2004.
3. "Risque de reclassification et comportement de risque moral sur les marchés d'assurance maladie : la première inefficacité peut-elle éliminer la seconde ?", *Revue d'Economie Politique*, 2003.
2. "Le risque moral *ex post* est-il si néfaste ? ", with A. Couffinhall and M. Grignon, *Revue Française d'Economie*, 2003.
1. "Demande induite et réglementation de médecins altruistes", *Revue Economique*, vol 53, n°3, Mai 2002.

#### **Books:**

Análisis económico de la normativa de competencia en Colombia, with Alejandro Becerra and Pilar Cabrera, Cuadernos de Fedesarrollo, ISBN: 978-958-57963, 2013.

#### **Chapters of Books:**

"Contrato de aseguramiento en Salud", in Modelos de contratación en servicios de salud, Book edited by Acemi and Universidad de Bogotá Jorge Tadeo, 2014.

"Seguros de desempleo: revisión de literatura y propuesta para Colombia", with S Kiuhan and J-C Suarez, book edited by Fasecolda, 2011.

"The Regulation Theory and its Perspectives", with Amadeo Piolatto, in the ENI Hydrocarbon Encyclopedia, 2006.

#### **Publications in non-refereed journals:**

"Tests génétiques et assurance santé : une tension exacerbée", with P. De Donder, *Revue Risques*, 2015.

"Pago por desempeño en el sistema de salud colombiano", *Revista Monitor Estratégico*, 2015.



- "Tests génétiques, prévention et marchés d'assurance santé", with P. De Donder, in *Médecine/Sciences*, 30 (hors-série n°2), 2014.
- "Pagos por desempeño en el sistema de salud colombiano", *Conexión*, 2014.
- "Les enjeux de la régulation des tests génétiques", with P. De Donder, *Esprit*, 2014.
- "Seguros de desempleo: revisión de literatura y propuesta para Colombia", with S Kiuhan and J-C Suarez *Revista Fasecolda*, September 2009.
- "Regulación del sector de la salud colombiano: algunas reflexiones", *Revista Colombiana de Economía de la Salud*, edited by ACOES (Colombian Health Economists Association), 2008.
- "Subasta inversa y riesgo previsional: una nota técnica", with Julio-Cesar Suarez, *Revista Fasecolda*, June 2008.
- "The Colombian Health System", with Dario Maldonado, *Review of the Geneva Association*, May 2008.
- "Teoría de los contratos y economía del seguro", *Revista Fasecolda*, April 2008.
- "Riesgo de cumplimiento y subasta inversa: una nota técnica", with S Serratto, *Revista Fasecolda*, 2007.
- "La separación de las tareas entre el economista y el político", *Revista Estudiantes del Rosario*, 2007.
- "Comportements d'autoprotection et assurance maladie", *Drees Working Paper*, Série Mire, 2002.
- "La régulation des systèmes de santé", with Philippe Choné and Romain Lesur, Editorial of *The Crest Letter*, 2002.
- "Trop d'assurance peut-il être néfaste? Théorie du risque moral *ex post* en santé", with A. Couffignal and M. Grignon, *Questions d'économie de la santé*, CreDES, n°53, 2002.
- "Reclassification Risk and Moral Hazard Behaviour on Health Insurance Market: Can the First Inefficiency eliminate the Second?", *Etudes et Dossiers* No. 249, EGRIE (European Group of Risk and Insurance Economists) 28, vol 1, The Geneva Association, 2001.

### **Publications in media and blogs:**

["¿Es viable disminuir la contribución de salud de los pensionados?"](#), in *Economía Uniandes*, 2018.

["Deficit comercial y apertura: una relación compleja"](#), in *Blog.Elespectador*, 2018.

["Política farmacéutica y contribución al bien común II: Respuesta a Tatiana Andia"](#), in *FocoEconomico*, 2018.

["Política farmacéutica y contribución al bien común"](#), in *Portafolio and FocoEconomico*, 2018.

["Propuestas de algunos economistas al próximo Presidente"](#), with Andrés Fernandez, Juan Esteban Carranza, Juliana Londoño Velez, Marcela Melendez, Juan Camilo Cárdenas, Eduardo Lora, Marc Hofstetter, Darwin Cortes, Jaime Bonnet, Juan Fernando Vargas, Hernando Zuleta, Sandra Rozo, Margarita Gáfaró and Andrea Velasquez, in Foco Economico, 2017.

["El economista académico y su torre de marfil: ¿cómo salir de ella sin caerse en el intento?"](#), in La Silla Vacía, 2017.

["El sistema de salud colombiano: ¿bueno o malo?"](#), in La Silla Vacía, 2017.

["¡El Centro Democrático toma altura \(e inspiración\) con las drogas!"](#), in La Silla Vacía and [Foco Económico](#), 2017.

["Populismo y globalización"](#), in Portafolio, 2017.

["Después del No al plebiscito, del Brexit, de Trump...ahora Le pen en Francia"](#), in La Silla Vacía, 2017.

["Proyecto de regulación de las plataformas de economía colaborativa"](#), in La Silla Vacía, 2016.

["Premios Nobel de economía 2016 y las carencias en Colombia"](#), in Portafolio, 2016.

["¿Qué pasó, Colombia?"](#), con Ana Arjona, Arturo Harker, Eduardo Lora, Carlos Caballero, Diego Amador, Juan Camilo Cardenas, Leopoldo Fergusson, Pablo Querubin, Juan Fernando Vargas, Sandra García, Mickael Weintraub, in Focoeconomico, 2016.

["El programa de beneficios por cooperación, la Superintendencia de Industria y Comercio y el Instigador: ¿Más carteles en el futuro?"](#), in La Silla Vacía, 2016.

["¿Qué tal una renta básica universal en Colombia?"](#), in La Silla Vacía, 2016.

["¿Uber es por definición un cartel?"](#), in Portafolio, 2016.

["Para apoyar el proceso de paz sin temor del Castro-Chavismo"](#), in La Silla Vacía, 2016.

["El nuevo modelo integral de salud: una buena idea"](#), in Razón Pública, 2016.

["COP 21: Un gran avance y mucho por hacer"](#), in Portafolio, 2015.

["Attention aux assureurs sans gênes!"](#), with Philippe De Donder, in La Tribune, 2015.

["Uberización y trabajo a la demanda: una flexibilidad \*a priori\* ineficiente"](#), in La Silla Vacía, 2015.

["¿Qué significa la Uberización de la economía?"](#) in La Silla Vacía, and in FocoEconomico, 2015.

["¿Qué hacer con Uber?"](#), in La Silla Vacía, 2015.

["Los retornos sociales de la educación"](#), in Portafolio, 2015.

["Los beneficios de la Ley Estatutaria de salud"](#), in Razón Pública, 2015.

["Ser pilo paga: Sin becas de verdad...no hay paraíso"](#), in La Silla Vacía, 2015.

["Charlie Hebdo, la extrema derecha y la xenofobia"](#), in La Silla Vacía and in [Foco Economico](#), 2015.

["Las becas de Gina y las casas VIP de Petro: dos proyectos diferentes inscritos en una misma \(buena\) idea"](#), in La Silla Vacía and in [Foco Economico](#), 2014.

["Un supernobel de economía"](#), in El Espectador, 2014.

["¿Soy capaz de...escribir algo nuevo sobre la reforma tributaria?"](#), in La Silla Vacía, 2014.

["¿Mejor prevenir que curar?"](#), in La Silla Vacía, 2014.

"Gravar al capital para salvar el capitalismo de el mismo", in Portafolio, 2014.

"Un maldito economista mirando Breaking Bad", in El Insolente, 2014.

"Dallas Buyers Club", la FDA y el derecho a probar, in La Silla Vacía, 2014.

"Economía de la salud vista por un economista", in Silla Vacía, 2014.

"Colombia: ¿País de derecha con una Constitución de izquierda?", in Silla Vacía, 2013.

"Otra reflexión sobre la reforma de la salud: el papel de la intermediación." in Silla Vacía, 2013.

"La reforma de la salud en Colombia," in Silla Vacía, 2013.

"¿Cómo regular los precios de los medicamentos en Colombia?", in Portafolio, 2013.

"Los precios de los medicamentos en Colombia", in Silla Vacía, 2013.

"Ya lo dijo Sarkozy, igualmente dijo su contrario y finalmente hizo muy poco", in El Espectador, 2013.

"Los seguros de desempleo en los países en desarrollo", in Silla Vacía, 2013.

"¿Qué falla en el sistema de salud colombiano?: una propuesta sencilla de acción" with Marcela Melendez, in FocoEconomico, 2013.

"Información compartida y colusión: ¿cuál es el malentendido y qué deben hacer los gremios?", in La Silla Vacía, 2012.

### **Working Papers:**

["Precios máximos de venta en el mercado de medicamentos colombiano: una evaluación de impacto"](#), with Arturo Harker and Daniela Zuluaga, 2018.

["Nursing Homes' Competition and Distributional Implications When the Market is Two-Sided"](#), with [Luigi Siciliani](#), 2018.

["How Is the Trade-off between Adverse Selection and Discrimination Risk Affected by Genetic Testing? Theory and Experiment"](#), with [Philippe De Donder](#) and [Cesar Mantilla](#), 2017.

["Drugs, Showrooms and Financial Products: Competition and Regulation when Sellers Provide Expert Advice"](#), with [Denis Gromb](#), [David Martimort](#) and [Jerome Pouyet](#), 2016.

["Characterization of the relevant market in the media industry"](#), with Jorge Tovar and Nicolas Santos, 2016.

"Informality and optimal public policy", with Daniel Mejia, 2016.

["Voluntary Health Plan Subsidies and Public Expenditure"](#), with Giancarlo Buitrago (first author), 2015.

["Health Care Insurance Payment Policy when the Physician and Patient May Collude"](#), with Sanxi Li and Yaping Wu (first author), 2015.

"La economía de los mercados de dos lados: aplicación al análisis de las tarjetas de pago en Colombia," with Marcela Melendez, 2012.

"Seguros de desempleo: revisión de literatura y propuesta para Colombia", with S Kiuhan and J-C Suárez, 2009.

"Does the free trade agreement between USA and Colombia have negative effects on drug prices and the health of Colombian people?: An analysis of two studies about the impact of the Free Trade Agreement on drug prices in Colombia", with R Castaño, H Jaramillo, M Ortegon and A Vecino.", Working Paper University of Rosario, 2008.

"Financiamiento de la educación superior: una revisión de literatura", with N Forero, 2008.

"Tiene Efectos negativos el TLC sobre los Precios de los Medicamentos en Colombia, with R Castaño, H Jaramillo, M Ortegon and A Vecino.", Working Paper University of Rosario, 2007.

"Teoria del control optimo: Una guia para principiantes", with Helene Bonnet, 2006.

"Higher Education Choices, Risk Aversion and First Year Repetition", with David Crainich, Louis Eeckhoudt and Xavier Wauthy, 2005.

### **Works in progress:**

"Quality, price and copayments", with [Izabela Jelovac](#).

"Personalized medicine and physicians' payment schemes: an experimental approach", with [Samuel Kembou Nzale](#) and [Bruno Ventelou](#).

"Informative Retailing: Theory and Applications to Drugs, E-Commerce and Financial Products!, with [Denis Gromb](#), [David Martimort](#) and [Jerome Pouyet](#).

"The endogenous dynamics of crime structure: Heracles' lessons on how to fight the Hydra", with Daniel Mejia and Andres Zambrano.

"Unemployment insurance and informal sector in a general equilibrium framework", with Fernando Jaramillo and Ximena Peña.

"Competition in the nursing home market: a two-sided approach", with Luigi Siciliani.

"Genetic Testing with Primary Prevention and Adverse Selection," with Philippe De Donder.

"Inequality, Segregation and Fiscal Decentralization", with Fernando Jaramillo and Fabien Moizeau.

"Pensions for the poor and informal sector," with Dario Maldonado and Pierre Pestieau.

#### **Disclosure in the political sphere:**

- Participation at the parliamentary session "[Sur les maladies monogéniques : un état des lieux](#)", Sénat, Paris, June 2011.

- Participation at the public audience of the parliamentary session, Senado, Commission 7, "Por medio de la cual se regula el trabajo autónomo económicamente dependiente en Colombia", Bogota, December 2016.

- Participation at the public audience of the parliamentary session, Camara de Representantes, Commission 7, "Por medio de la cual se crean medidas para mejorar la calidad del servicio de atención en salud", Bogota, September, 2017.

- Participation at the public audience of the parliamentary session, Camara de Representantes, Commission 2, "Colombia 2045: Renta Basica Universal", Bogota, September, 2017.

#### **Consulting activities:**

- PERNOD-RICARD: Relevant market analysis of alcohol beverage, with Carolina Deik and Andrés Palacios Lleras, 2018.

- MOVISTAR: Cell phone industry analysis, with Bibiana Saenz, 2018.

- ROCHE: Payment for performance and breast cancer, with Oscar Bernal and Giancarlo Buitrado, 2017.

- SURA: Professional risk and the compensation mechanism, with Andrés Palacios Lleras, 2016-1027.
- TECNOQUIMICAS: The diaper case, with Jorge Tovar, 2016.
- BOGOTA DISTRICT: Regulation of public hospitals, with Oscar Bernal and Giancarlo Buitrago, 2018.
- AFIDRO: The Colombian health care system, with Giancarlo Buitrago, 2016-2017.
- RCN: Relevant market in radio sector, with Jorge Tovar, 2016.
- SUPERINTENDENCIA DE SALUD: Vertical integration in health insurance markets, with Giancarlo Buitrago, 2015.
- BID-COLOMBIAN HEALTH MINISTRY: Implementation of Payment for performance mechanism, 2013-2015.
- ASOCAÑA: Caracterización del mercado relevante del azúcar, con Jorge Tovar, 2013-2014.
- ACEMI-FEDESARROLLO: "La demanda para los planes voluntarios de salud en Colombia", with Juan Gonzalo Zapata, Giancarlo Buitrago and Tomas Concha, 2013.
- ASOBANCARIA: "Interchange fee", with Marcela Melendez, 2011-2012.
- COLOMBIAN INDUSTRY MINISTER: "Competition in Health Care Markets", with Marcela Melendez, Manuel Ramirez and Dario Maldonado, 2011.
- COLSUBSIDIO: "Externalización de los servicios de radiología", with John Lopera, 2010.
- ASOBANCARIA: "The regulation of the interchange fee", 2008-2009.
- LIO: "Le système de santé colombien", 2008.
- AFIDRO: Efectos del TLC sobre los precios de los medicamentos en Colombia", 2007.
- PNUD-DNP: Economic Advisor of "Privación en salud", 2007.
- FASECOLDA: Economic Advisor of "El libro SOAT", 2007.

### **Conferences and Seminars**

"Genetic tests and epigenetic: When prevention may rescue cross-subsidies in health insurance markets", York University seminar, May, 2018.

"Out-of pockets in the Colombian Healthcare system", Fundación Santa Fé, May, 2018.

"Price cap in the Colombian Drugs Market: An Impact Evaluation", Seminar at the Health Ministry, October 2017, Cede Seminar, November 2017.

"Un análisis comparativo de indicadores sobre la sostenibilidad del sistema de salud entre Francia y Colombia", with Orlando Gracia, ANDI Congress (Cartagena), June 2017, DNP, August 2017.

"Evaluación del impacto de la ley estatutaria en la sostenibilidad del sistema de salud", ANDI Congress (Cartagena), June 2017.

"Controlling Sellers Who Provide Advice: Regulation and Competition", EHEW hosted at the University of Oslo, May 2017, LAGV conference hosted by AMSE (Aix-en-Provence), June 2017, Cede Seminar, August 2017, Seminar at the University of Rosario, October, 2017, Seminar at the Javierana University, November, 2017, UQAM seminar (Montreal), October, 2017, Seminar at the University of Bucaramanga, November 2017.

"Adverse selection versus risk discrimination with genetic testing: An experimental approach", in workshop La journée de la Chaire Santé, hosted in University of Paris Dauphine, Paris, March 2016; in EHEW-2016 hosted by Hamburg University, May 2016. CEDE seminar, University of Los Andes, Bogota, September 2016.

"Health Care Insurance Payment Policy When the patient and the Physician may collude", Workshop hosted at Paris School of Economics, April 2015, EHEW hosted at Toulouse School of Economics, May 2015, LAGV conference, June 2015, Aix-en Provence.

"Inequality, Segregation and Fiscal Decentralization", University of Los Andes, CEDE seminar, March, 2012; Universidad Javierana, Bogotá, April 2015, University of Bordeaux, May 2017.

"Regulación de los precios de los medicamentos", ISPOR (Bogotá), October 2014; LATAM congreso, Panama, February 2015.

"Pagos por desempeño en el sistema de salud Colombiano", Fedesarrollo, with Blanca Florez, Camila Franco, Abel Gonzalez and Jose Luis Ortiz, Bogotá, September, 2014; Colombian Ministry of Finance, April, 2015.

"Competition in the nursing home market: a two-sided approach", PET conference, Lisbon, 2013 July.

"Unemployment insurance and informal sector", Getulio Vargas Foundation, Sao Paulo, 2013 June, Latin American Workshop in Labor Markets and the Informal Sector", ITAM, September 2014.

"El sistema de salud colombiano - Reforma y Propuesta", Afadeco Valledupar, 2013 March, Fedesarrollo Seminar, 2013 April; Seminar at the University Sergio Arboleda, 2013 April; Biomap Congress, Bogota, 2013 May,) and Biomap (Bogotá), October 2014.

"Genetic testing with primary prevention and moral hazard", Workshop on the Economics of Personalized Medecine, University of Autonoma, Barcelona, 2012 December; EHEW at University of Lyon-2, 2013 May.

"Optimal unemployment insurance in presence of informality", Banco de la Republica (Bogotá), October 2011 Fedesarrollo (Bogotá), CEDE Seminar Los Andes University (Bogotá), 2011 November; and Toulouse School of Economics, 2011 December.

"Competition in two-sided markets and providers' remuneration schemes under common network externalities", University of ICESI (Cali), 2011 April; Toulouse School of Economics, 2011 January; and University of Javierana (Bogotá), 2011 October, Health Economics Workshop, National University of Santiago, 2013 March, JOLATE, University of Los Andes, 2012 October, University of Dauphine, Paris, 2012 December.

"Informality and optimal public policy", PET conference, Istanbul, 2010 July.

"Two-sided Competition with Common Network Externalities", Crese Seminar Besancon, May 2009; Rosario Seminar Bogota, October 2009; AHEC Conference Boston, October 2009; CEDE Seminar Los Andes Bogota, November 2009.

"Location and Quality in Health Care Markets", LACEA, Rio de Janeiro, November 2008; LAGV conference 2010, Marseille.

"Regulación del sector de la salud: Algunas reflexiones", Seminario Fundación Santafe, April 2007, Bogota, Seminario Universidad Javeriana, June 2007.

"El sistema de salud Colombiano a través los ojos de un economista europeo", Semana Francesa, University of Externado, Bogota, September 2006, FORO University of Rosario, November 2006.

"Competition between Health Plans: A Two-Sided Market Approach", presented in Leuven (Belgium), Workshop in Health Economics, February 2006, presented in Konstanz (Germany), May 2006 and Budapest, ECHE Congress, July 2006, University of Rosario (Bogota), November 2006, University of Los Andes (Bogota), November 2006, Banco de la Republica (Bogota), June 2007.

"Pharmaceutical innovation, reference pricing and therapeutic classes", presented in the University of Los Andes, Bogotá, April 2006, the University of Rosario, Bogotá, April 2006 and The University of Externado, Bogota, August 2006.

"Le système de santé français : une organisation complexe", Seminary Universidad de Rosario, Bogota, March 2005.

"*Ex post* Moral Hazard, Supply Induced Demand and Optimal Health Insurance Contract", with R. Lesur, *Journées Louis-André Gérard-Varet*, Marseille, Juin 2004, Delta Seminar, Paris, October 2004, Laser Seminar, Montpellier, December 2004, University of Bologna, January 2005, Séminaire Etape, University of Paris I, January 2005, *EGRIE* Congress, Barcelona, September 2006 .

"Contrat d'assurance maladie et risque moral *ex ante* : peut-on s'affranchir d'une franchise ? ", with R. Lesur (Direction de la Prévision), Congrès du *Sesame*, Caen, September 2003 and Congrès de *l'Asse*, Paris, September 2003.

"Competition between MCOs and Conventional Insurers: Segmentation Effect, Vertical Restraints and Welfare Consequences", with Edmond Baranes, *Séminaire du Gate*, Université de Lyon II, January 2003 and *Séminaire de l'Université Libre de Bruxelles*, February 2003, *Saet Conference*, Rhodos, July 2003, *Eurie* Congress, Helsinki, August 2003, Séminaire du *Lameta*, Université de Montpellier, December 2003, Universidad de Los Andes, Bogota, February 2005, Universidad de Chile, Santiago, February 2005, Universidad de Rosario, Bogota, March 2005.

"Estimation de l'efficacité des dépenses de santé à l'échelon départemental par la méthode DEA", with Sylvain Pichetti, *Colloque de l'Applied Econometrics Association, Santé et Régionalisation*, October 2002, Ajaccio.

"Le risque moral *ex post* est-il si néfaste", with A. Couffinhal and M. Grignon, *Congrès Calass*, September 2002, Tolède.



"Assurance maladie et comportement d'autoprotection", Séminaire de la Mire, Juin 2002.

"Comportements de prévention et risque maladie", Université Catholique de Lille, *Séminaire Labores*.

"Risque de reclassification et comportement de risque moral sur les marchés d'assurance maladie : la première inefficacité peut-elle éliminer la seconde ? ", 28<sup>th</sup> *Seminar of the European Group of Risk and Insurance Economists*, Strasbourg, September 2001, *Journées des Doctorants en Economie de la Santé (JDES)*, Octobre 2001, Paris, *Séminaire du Legos*, Paris Dauphine, April 2002 and *Journées de Microéconomie Appliquées*, Rennes, June 2002.

"Tarification à la pathologie et paiement à l'acte dans le secteur de la médecine ambulatoire", Congrès de l'AFSE, September 2001, Paris.

"Health Insurance, Competition and Auction", (avec Pierre-Henri Morand), présenté aux *Journées de Microéconomie Appliquée*, Nancy, June 2001 and *Colloque des Economistes de la santé*, July 2002, Paris.

"Régulation du secteur de la médecine ambulatoire et tarification à la pathologie", présenté au *Colloque du Sesame (Séminaires d'Etudes et de Statistiques Appliquées à la Modélisation en Economie)*, Dijon, September 2000.

"Assurance maladie et concurrence", *Journées des Doctorants en Economie de la Santé (JDES)*, Marseille, September 2000.

"Estimation de l'efficacité des dépenses de santé à l'échelon régional par la méthode DEA", (avec Sylvain Pichetti), *Journées de l'AFSE*, May 2000 and *Séminaire GATE*, June 2002.

"Analyse des phénomènes de risque moral *ex ante* sur les marchés d'assurance maladie", *Colloque du Sesame (Séminaires d'Etudes et de Statistiques Appliquées à la Modélisation en Economie)*, Saint-Etienne, September 1999.

"Concurrence par comparaison et collusion", with Sylvain Pichetti, *Congrès de l'AFSE*, Paris, September 1999.

"Réglementation de l'assurance maladie et concurrence par comparaison", with Sylvain Pichetti *V<sup>ème</sup> Colloque d'Economie Publique*, Brest, June 1999.