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## BIOGRAPHICAL

Born, 12/10/65 in Bogotá, Colombia; Married since 1988; Two Children

## CURRENT ACADEMIC

### **Professor (Profesor Titular)**

School of Economics, Universidad de los Andes, Bogotá, COLOMBIA

Courses: Introductory Microeconomics, Advanced Microeconomics, Experimental Economics, Economics of Decisions and Institutions, Cooperation & Competition.

Research: Micro-foundations of social exchange. Analysis and design of institutions (rules) that promote sustainable, efficient and fair use of common resources and provision of local public goods. Effects of inequality and regulations in the management of collective resources. Applications of experimental economics in the field.

### **AFFILIATE FACULTY**

WORKSHOP IN POLITICAL THEORY AND POLICY ANALYSIS, INDIANA UNIVERSITY.

### **ADJUNCT ASSOCIATE PROFESSOR**

DEPARTMENT OF RESOURCE ECONOMICS, UNIVERSITY OF MASSACHUSETTS-AMHERST.

## EDUCATION

### **Post-Doctoral:**

**August 1999 - June 2000**

**Indiana University - Bloomington, USA**

**Visiting Scholar, Workshop in Political Theory and Policy Analysis, and  
The International Forestry Resources and Institutions Research Program (IFRI).**

### **Ph.D., Environmental and Resource Economics**

**Spring 2000**

**University of Massachusetts - Amherst, USA**

Dissertation: "Rural Institutions, Poverty and Cooperation: Learning from Experiments and Conjoint Analysis in the Field". Winner of the Joseph L. Fisher Dissertation Award, Resources for the Future, Washington. Involves field work with rural communities in Colombia using experimental economics and conjoint valuation techniques for studying the problems of cooperation in local commons dilemmas in ecosystems that host high levels of biodiversity. Dissertation Committee: Dr. Cleve E. Willis, Dr. John K. Stranlund, Dr. Tom Stevens, Dr. Samuel Bowles.

### **Visiting Fellow**

**Summer 1998**

**Economic Science Laboratory**

University of Arizona, Tucson

Fourth Annual 1998 Visiting Graduate Student Workshop in Experimental Economics. July 29 - August 5, 1998.

**Master of Science, Environmental and Resource Economics** **1991 - 94**  
**University of Massachusetts, Amherst**

Thesis: "People, Trees, Land and Water: Tales about economic and ecological interdependence and the role of institutions in Northern Boyacá, Colombia".

**B.S. Industrial Engineering** **1984 - 89**  
**Universidad Javeriana**

## PROFESSIONAL AND ACADEMIC EXPERIENCE (CHRONOLOGICAL ORDER)

**Full Professor (Profesor Titular)** **2008 to present**  
**Associate Professor** **2004 to 2008**  
Facultad de Economía, Universidad de Los Andes, Bogotá.

**Robert F. Kennedy Visiting Professor of Latin American Studies** **Fall 2008**  
Harvard University, David Rockefeller Center of Latin American Studies

**International Fellow** **2002-2004**  
The Santa Fe Institute, New Mexico, USA

**Associate Professor** **2000 to 2003**  
School of Environmental and Rural Studies, Pontificia Universidad Javeriana  
Courses: Economics of Institutions and the Environment; Environmental Economics; Ecological Economics.

**Visiting Scholar** **Fall 1999 - Spring 2000**  
Workshop in Political Theory and Policy Analysis, Indiana University

**Teaching Assistant** **1996 - 99**  
Department of Resource Economics, University of Massachusetts, Amherst  
Graduate course in econometrics (Spring 96, 97, 98, 99); Undergraduate courses in Statistics (Fall 97, 98)

**Lecturer and Consultant** **1997 - 98**  
Program of Use and Valuation of Biodiversity. Instituto de Investigación de Recursos Biológicos Alexander von Humboldt - Colombia.

**Profesor-Investigador** **1990-96**  
Instituto de Estudios Ambientales para el Desarrollo  
Universidad Javeriana

**Research Fellow** **1994**  
Departamento Nacional de Planeación and The World Bank LA3C1.  
Research study based on 16 Colombian municipalities on the factors determining local governments capacity.

**Lecturer** **Fall 1991 - Fall 1993**  
Institute for Training and Development - ITD Amherst, MA, USA.  
Lecturing and consulting on training programs for Latin American rural leaders participating in ITD training programs.

**Research Assistant** **1989 - 90**  
Instituto SER de Investigación. Bogotá, Colombia.  
Part of a group developing a set of environmental indicators for "Coyuntura Social", a biannual publication of Instituto SER de Investigación, the FES Foundation, and FEDESARROLLO.

## AWARDS AND SCHOLARSHIPS

- Recipient of the 2009 “Fundación Alejandro Angel Escobar” Science Prize in Environment and Development, for the book “Dilemas de lo Colectivo: Instituciones, pobreza y cooperación en el manejo local de los recursos de uso común”. <http://www.faae.org.co/html/prizes.htm>
- Robert F. Kennedy Visiting Professor of Latin American Studies Fall 2008, David Rockefeller Center of Latin American Studies, Harvard University.
- Premio Bienal al Investigador Javeriano en Ciencias Sociales. Biannual Award to the researcher in social sciences, Javeriana University, Agosto, 2003
- Santa Fe Institute International Fellowships Competition. Junior Award (2002-2004)  
<http://www.santafe.edu/sfi/education/international/intlfellows/intlfal02/index.html>
- First Place. Research Medal Awards (Category “Environmental and Social Sustainability”) 2000  
Second “Global Development Network GDN” Conference GDN2000 Tokyo, Japón, December 11-13, 2000. Paper: “Real Wealth and Experimental Cooperation: Evidence from Field Experiments”.  
<http://www.gdnet.org/>. Selection committee chaired by Joseph E. Stiglitz. Committee members: Nancy Birdsall, Francois Bourguignon, Takatoshi Ito and Amartya Sen.
- Research and Writing Grants Competition (2000-2001), The John D. and Catherine T. MacArthur Foundation, Program on Global Security and Sustainability. Project: "OBSERVING PEOPLE IN THE FIELD LAB: Learning through Field Experiments about Cooperation in Communities Using Biodiversity Resources". Amount awarded: US\$70,992.
- Joseph L. Fisher Dissertation Award for 1999-2000 1999  
*Resources for the Future. Washington, D.C..*
- WWF Prince Bernhard Scholarship for Nature Conservation 1999  
*WWF World Wide Fund for Nature. WWF International, Gland, Switzerland.*
- Outstanding Teaching Assistant Award Academic year 1998-99  
*Department of Resource Economics, University of Massachusetts, Amherst. Vijay Bhagavan Memorial Fund.*
- Carolyn Harper Award for academic achievement, concern for social and environmental issues, and the importance of social diversity. Department of Resource Economics. University of Massachusetts at Amherst. September, 1993.
- Inter-American Foundation - USGS Graduate Studies Fellow 1997/98.
- Fulbright scholar for graduate studies. Host institution: UMASS/Amherst. Sponsor institution: Universidad Javeriana, Bogota-Colombia. 1991-1993.
- 1993 LASPAU Award for Cooperative Research. Latin American Scholarship Program of American Universities. Fall, 1993.
- Fondo FEN para el Medio Ambiente. Mention of Honor to IDEADE: Proyecto de investigación participativa en Ecodesarrollo, Norte y Gutierrez, Boyacá, Colombia. Member team, 1992.

## EDITORIAL WORK AND REVIEWING (JOURNALS):

- American Economic Review, Review of Economic Studies, Economic Inquiry, World Development, Journal of Economic Behavior and Organization, Journal of Development Economics, Journal of Public Economics, Journal of the European Economic Association, European Economic Review, Experimental Economics, Ecological Economics, Land Economics, American Journal of Political Science, Public Choice, Rationality & Society, Resource and Energy Economics, Ecology & Society, Journal of Policy Analysis and Management, Cuadernos de Desarrollo Rural, Política Agrícola, Desarrollo & Sociedad, Revista de Economía del Rosario.

## Evaluator Doctoral Dissertations:

- Maastricht University, The Netherlands. Evaluator Ph.D. Dissertation Ben D'Exelle, "INEQUALITY, NETWORKS AND EXCLUSION: DISTRIBUTIVE DECISION MAKING IN SMALL-SCALE SOCIETIES". MAY 28, 2008 AULA OF MINDERBROEDERSBERG.
- Gotheburg University, Sweden. (Opponent, Dissertation Marcela Ibañez "Social Dilemmas: The role of incentives, norms and institutions" on Monday 26 of November, 2007.

## PROFESSIONAL CONTRIBUTIONS AND AFFILIATIONS

Executive Committee, Steering Committee, CAPRI  
The System-wide Program on Collective Action and Property Rights initiative at the CGIAR  
[www.capri.cgiar.org](http://www.capri.cgiar.org)

Affiliated Faculty  
Workshop in Political Theory and Policy Analysis Indiana University - Bloomington, USA  
<http://www.indiana.edu/~workshop/people.html>

Adjunct Faculty  
Department of Resource Economics, University of Massachusetts Amherst, USA

Miembro del Consejo Directivo Fundación Natura (2004-2006)

Miembro de Comité Editorial, *Environment and Development Economics*, Cambridge University Press.  
[http://www.cambridge.org/journals/journal\\_catalogue.asp?mnemonic=EDE](http://www.cambridge.org/journals/journal_catalogue.asp?mnemonic=EDE)

Miembro de Comité Editorial, Revista *Desarrollo y Sociedad*, Universidad de los Andes, 2004-fecha

Miembro de Comité Editorial, *Revista de Economía del Rosario*, Universidad de los Andes, 2006-fecha

## MEMBER OF:

- AMERICAN ECONOMICS ASSOCIATION, AEA
- INTERNATIONAL SOCIETY FOR ECONOLOGICAL ECONOMICS

Location at RePEc: <http://ideas.repec.org/e/pca171.html>

## PUBLICATIONS AND PAPERS:

### Books:

- [“Dilemas de Lo Colectivo: Instituciones, pobreza y cooperación en el manejo local de los recursos de uso común” \(2009\)](#). 2ª reimpresión. Ediciones UniAndes. Premio Alejandro Angel Escobar en ciencias, 2009.

### Peer-reviewed Journal Articles:

- Janssen, M.A.; François Bousquet; Juan-Camilo Cardenas; Daniel Castillo; Kobchai Worrapimphong. "Field Experiments on Irrigation Dilemmas". Forthcoming, *Agricultural Systems*
- Henrich, J., R. Boyd, R. McElreath, M. Gurven, P. J. Richerson, J. Ensminger, M. Alvard, A. Barr, C. Barrett, A. Bolyanatz, C. Camerer, J.-C. Cardenas, E. Fehr, H. M. Gintis, F. Gil-White, E. Gwako, N. Henrich, K. Hill, C. Lesorogol, J. Patton, F. Marlowe, D. Tracer, J. Ziker (2012) “Culture does account for variation in game behavior” *PNAS* January 10, 2012 vol. 109 no. 2 E32-E33
- Attanasio, O., A. Barr, J.C. Cardenas, G. Genicot and C. Meghir (forthcoming) “Risk Pooling, Risk Preferences, and Social Networks”, forthcoming in *American Economic Journal: Applied Economics*, April, 2012.
- Cárdenas, J.-C., Anna Dreber, Emma von Essen and Eva Ranehill (2011). “Gender differences in competitiveness and risk taking: Comparing children in Colombia and Sweden”. *Journal of Economic Behavior and Organization* (2011), doi:10.1016/j.jebo.2011.06.008
- [Carpenter, J. and J.C. Cardenas \(2011\) “An Intercultural Examination of Cooperation in the Commons”. \*Journal of Conflict Resolution\* 55\(4\): 632-651 \(2011\)](#).
- Anderies, John M., Marco A. Janssen, François Bousquet, Juan-Camilo Cardenas, Daniel Castillo, Maria-Claudio Lopez, Robert Tobias, Björn Volla, Amber Wutich (2011) “The challenge of understanding decisions in experimental studies of common pool resource governance”. *Ecological Economics*. Volume 70, Issue 9: 1571-1579.
- Janssen, Marco, John M. Anderies, Juan-Camilo Cardenas (2011) “Head-enders as stationary bandits in asymmetric commons: Comparing irrigation experiments in the laboratory and the field”. *Ecological Economics*. Volume 70, Issue 9: 1590-1598.
- Castillo, Daniel, François Bousquet, Marco A. Janssen, Kobchai Worrapimphong, Juan Camillo Cardenas (2011). “Context matters to explain field experiments: Results from Colombian and Thai fishing villages”. *Ecological Economics*. Volume 70, Issue 9: 1609-1620.

- Cardenas, J.C. “Social norms and behavior in the local commons as seen through the lens of field experiments”. *“Environmental and Resource Economics”*. Volume 48, Issue 3 (2011), Page 451-485.
- Cardenas, Juan Camilo & Rodriguez, Luz Angela & Johnson, Nancy, 2011. "Collective action for watershed management: field experiments in Colombia and Kenya," *Environment and Development Economics*, Cambridge University Press, vol. 16(03), pages 275-303, June.
- Henrich, J., Ensminger, J., McElreath, R., Barr, A., Barrett, C., Bolyanatz, A., Cardenas, J. C., Gurven, M., Gwako, E., Henrich, N., Lesorogol, C., Marlowe, F., Tracer, D., Ziker, J. (2010) Evolution of Fairness (Reply). *Science*, 329, 388-390
- Henrich, J., Ensminger, J., McElreath, R., Barr, A., Barrett, C., Bolyanatz, A., Cardenas, J. C., Gurven, M., Gwako, E., Henrich, N., Lesorogol, C., Marlowe, F., Tracer, D., Ziker, J. (2010) Markets, Religion, Community Size, and the Evolution of Fairness and Punishment. *Science*, 327, 1480-1484.
- Cardenas J.C. and Rajiv Sethi (2010) “Resource Allocation in Public Agencies: Experimental Evidence”, *Journal of Public Economic Theory*, Volume 12, Issue 4, pages 815–836, August 2010.
- Cardenas J.C. (2009) “Experiments in Environment and Development ”. *Annual Review of Resource Economics*, Vol. 1: 157-182. October, 2009
- Cardenas J.C. , H. Ñopo and A.Chong. "To What Extent Do Latin Americans Trust, Reciprocate, and Cooperate? Evidence from Experiments in Six Latin American Countries". *Economia*, Volume 9, Number 2, Spring 2009. Journal of the Latin American and Caribbean Economics Association.
- Frank W. Marlowe, J. C.Berbesque, A. Barr, C.Barrett, A.Bolyanatz, J.C.Cardenas, J.Ensminger, M.Gurven, E.Gwako, J.Henrich, N.Henrich, C.Lesorogol, R.McElreath, and David Tracer (2008) “More ‘altruistic’ punishment in larger societies”. *Proceedings of the Royal Society B* (2008) 275, 587–590
- Rodríguez-Sickert, Carlos, Ricardo Andrés Guzmán , Juan Camilo Cárdenas (2008) “Institutions influence preferences: evidence from a common pool resource experiment”. *Journal of Economic Behavior and Organization*. Volume 67, Issue 1, July 2008: 215-227.
- with Jeffrey Carpenter (2008) "Behavioural Development Economics: lessons from field labs in the developing world". *Journal of Development Studies*. Vol. 44, No. 3 (March 2008): 337-364.
- Henrich, Joseph, Richard McElreath, Abigail Barr, Jean Ensminger, Clark Barrett, Alexander Bolyanatz, Juan Camilo Cardenas, Michael Gurven, Edwins Gwako, Natalie

Henrich, Carolyn Lesorogol, Frank Marlowe, David Tracer and John Ziker (2006) "Costly punishment across human societies". *Science* 23 June 2006: 1767-1770.

- Sirén, A. H., J. C. Cardenas, and J. D. Machoa. 2006. The relation between income and hunting in tropical forests: an economic experiment in the field. *Ecology and Society* 11(1): 44. [online] URL: <http://www.ecologyandsociety.org/vol11/iss1/art44/>
- Cardenas, Juan Camilo (2005) "Local Commons and Cross-effects of Population and Inequality on the Local Provision of Environmental Services". *Lecturas de Economía*, Vol. 62, January-june 2005: 75-121. Universidad de Antioquia, Medellín.
- Cardenas, J-C, and Elinor Ostrom "What do people bring into the game? experiments in the field about cooperation in the commons", *Agricultural Systems*, 2004, Vol 82/3 pp 307-326.
- Cardenas, Juan Camilo (2004) "Norms from Outside and from Inside: An Experimental Analysis on the Governance of Local Ecosystems". *Forest Policy and Economics*, 6 (2004): 229-241. Elsevier Press.
- Murphy, James J. and Juan Camilo Cardenas, (2004) "An Experiment on Enforcement Strategies for Managing a Local Environmental Resource ". *Journal of Economic Education*. Volume 35, No. 1, Winter 2004.
- Cardenas, Juan Camilo, Diana Lucía Maya y Maria Claudia Lopez (2003) "Métodos experimentales y participativos para el análisis de la acción colectiva y la cooperación en el uso de recursos naturales por parte de comunidades rurales". *Cuadernos de Desarrollo Rural*, Universidad Javeriana, No. 50. 200
- Cardenas, Juan Camilo (2003) "Real Wealth and Experimental Cooperation: Evidence from Field Experiments". *Journal of Development Economics*. Vol. 70(2):263-289.  
Cited in the World Development Report 2006
- Cardenas, Juan Camilo, John K. Stranlund, Cleve E. Willis (2002) "Economic inequality and burden-sharing in the provision of local environmental quality". *Ecological Economics*. Volume 40, (2002): 379-395. Elsevier Press.
- Cardenas, Juan Camilo (2000). "How Do Groups Solve Local Commons Dilemmas? Lessons from Experimental Economics in the Field". *Environment, Development and Sustainability*, Vol. 2, Nos. 3-4: 305-322. Kluwer Academic Publishers. 2000.
- Cardenas, Juan Camilo, John K. Stranlund and Cleve E. Willis (2000) "Local Environmental Control and Institutional Crowding-out". *World Development*, October, Vol 28, No. 10. pp. 1719-1733.

#### **Book Chapters:**

- Cardenas, J.C, M.A. Janssen, and F. Bousquet, Dynamics of Rules and Resources: Three New Field Experiments on Water, Forests and Fisheries, Handbook on Experimental Economics and the Environment, edited by John List and Michael Price.
- Calónico, Sebastián, Natalia Candelo, Juan-Camilo Cárdenas, Alberto Chong, Hugo Ñopo, and Sandra Polanía. *“To What Extent Do Latin Americans Trust and Cooperate? Field Experiments on Social Exclusion in Six Latin American Countries”*. Chapter 7 in “Outsiders? The Changing Patterns of Exclusion in Latin America and the Caribbean”. IADB and DRCLAS Harvard.
- “Wealth Inequality and Overexploitation of the Commons: Field Experiments in Colombia”. In Jean-Marie Baland, Pranab Bardhan and Samuel Bowles, editors. “Inequality, Cooperation, and Environmental Sustainability”. Princeton University Press.
- with Elinor Ostrom. “How Norms Help Reduce The Tragedy Of The Commons: A Multi-Layer Framework For Analyzing Field Experiments”. In “Norms and the Law”, edited by John N. Drobak, Cambridge University Press. 1st edition (July 24, 2006). ISBN: 0521680794.
- “Overcoming Asymmetries In The Commons With Sub Optimal Strategies: An Experimental Exploration In The Field”. In “Environment, Inequality and Collective Action”. Routledge Siena Studies in Political Economy) by Marcello Basili (Editor), Maurizio Franzini (Editor), Alessandro Vercelli (Editor). ISBN: 9780415342346
- "Groups, Commons and Regulations: Experiments with Villagers and Students in Colombia". in “Psychology, Rationality and Economic Behaviour: Challenging Standard Assumptions” (International Economics Association). Bina Agarwal and Alessandro Vercelli (Eds). ISBN 1-4039-4253-6
- with Jeffrey Carpenter (2005) “Three Themes on Field Experiments and Economic Development”. In J. Carpenter, G.W. Harrison and J.A. List (eds.), “Field Experiments in Economics” (Greenwich, CT: JAI Press, Research in Experimental Economics, Volume 10, 2005).
- Cardenas, Juan-Camilo, T. K. Ahn, and Elinor Ostrom. (2004). “Communication and Cooperation in a Common-Pool Resource Dilemma: A Field Experiment.”, in “Advances in Understanding Strategic Behaviour: Game Theory, Experiments, and Bounded Rationality: Essays in Honour of Werner Güth”, ed. Steffen Huck. New York: Palgrave.
- Cardenas, Juan-Camilo (2004) “Aproximaciones desde los sistemas complejos adaptativos al estudio de la nueva ruralidad”. En Perez, E. y Ma.A.Farah, editoras. "Desarrollo rural y nueva ruralidad en América Latina y la Unión Europea ". Centro de Cooperación Internacional en Investigación Agronómica para el Desarrollo CIRAD (Francia).

Departamento de Desarrollo Rural y Regional - Facultad de Estudios Ambientales y rurales - Pontificia Universidad Javeriana. Bogotá, septiembre de 2004.

- Cardenas, Juan Camilo (Fall 2002) "Rethinking Local Commons Dilemmas: Lessons from Experimental Economics in the Field". Chapter 10. In Jonathan Isham, Thomas Kelly and Sunder Ramaswamy, Editors. "Social Capital and Economic Development: Well-Being in Developing Countries" Edward Elgar Publishing. Fall 2002.
- Cardenas, Juan Camilo (2001) "De los Dilemas Ambientales a los Dilemas Rurales: Viejas Preguntas y Nuevas Propuestas para un Análisis Institucional de lo Rural". En Perez, E. y Ma.A.Farah, editoras. "Memorias Seminario Internacional "LA NUEVA RURALIDAD EN AMERICA LATINA". Universidad Javeriana. Tomo I. ISBN 958-683-434-4.
- Cardenas, Juan Camilo, John K. Stranlund and Cleve E. Willis. (2001). "Should the State Regulate the Local Commons? Lessons from Economic Experiments in the Field." In Integrated Conservation and Development in Tropical America: Experiences and Lessons in Linking Communities, Projects, and Policies, Robert E. Rhoades and Jody Stallings (Eds.). SANREM CRSP, Athens, Georgia and CARE SUBIR, Ecuador.
- Cardenas, Juan Camilo, (1995). "Descentralización e Instrumentos Económicos De Gestión Local De Recursos Naturales: El Caso Colombiano". En Rafael S. Herz (Editor) "Uso de Instrumentos Económicos en la Política Ambiental". Serie Problemas de Desarrollo. Fundación Konrad Adenauer - IPD-Universidad Javeriana. Bogota, 1995.
- \_\_\_\_\_ "Capital Natural, Instituciones Agrarias y Agroecosistemas en Zonas Campesinas Andinas: Evidencia Empírica de sus Efectos en la Degradación Ambiental". Memorias Seminario-taller internacional: "El desarrollo rural en America Latina hacia el siglo XXI". Junio, 1994. Universidad Javeriana.

#### **Other publications:**

- Cardenas, J.C. "Being a student of Elinor Ostrom", *Transnational Corporations Review* Vol. 2, No. 2, 2010)
- Cardenas, J.C. y Pablo Ramos (2006) "*Manual de juegos económicos para el análisis del uso colectivo de los recursos naturales*". Centro Internacional de la Papa, Lima. Proyecto Regional Cuencas Andinas CONDESAN – GTZ. ISBN 92-9060-272-4.
- Cardenas, Juan Camilo (2004) "Regulaciones y Normas en lo Público y lo Colectivo: Exploraciones desde el Laboratorio Económico". *Coyuntura Economica*, Segundo Semestre 2004, Vol. XXXIV No. 2: 149-179. Fedesarrollo.

- Candelo, Carmen, J.C.Cardenas, J.E.Correa, M.C.Lopez, D.L.Maya, A.M.Roldan (2003) *"Juegos Económicos y Diagnóstico Rural Participativo: Un Manual con Ejemplos de Aplicación para la Cooperación"*. Universidad Javeriana ISBN 958-683-599-5. Bogotá. Among the Top-ten downloads in the [www.prgaprogram.org](http://www.prgaprogram.org), CGIAR Systemwide Program on Participatory Research & Gender Analysis.
- Cardenas, Juan Camilo (2002) "Contradictions and Challenges for Polycentricity and Self-Governance: The Problem of Authority and Inequality in Colombia.". *POLYCENTRIC CIRCLES*, Vol 8, No. 2, July, 2002. Newsletter of the Workshop in Political Theory and Policy Analysis, Indiana University. Available at: <http://www.indiana.edu/~workshop/publications/newsletter/newsletters.html>
- Cardenas, Juan Camilo (2001) "El Sistema Nacional Ambiental (SINA) desde la perspectiva del Policentrismo y el Neoinstitucionalismo". *Revista Javeriana*. No. 674, Tomo 136, Mayo 2001.
- \_\_\_\_\_ "Le Confiamos La Biodiversidad Al Mercado, Al Estado, o a La Comunidad?". *Ambiente y Desarrollo*. No. 8. IDEADE, Universidad Javeriana. 2001.
- \_\_\_\_\_ "Elementos Teóricos y de Campo para una Caja de Herramientas Llamada Teoría de Juegos". *The Common Property Resource Digest*. No. 55. December 2000., pp.11.
- \_\_\_\_\_ "Learning from the Periphery: Reflections on the Initiative to Regionalize the IASCP". *The Common Property Resource Digest*. No. 52. March 2000.
- Cardenas, Juan Camilo (1998). "Malthus Revisited: People, Population and the Village Commons in Colombia". Gatekeeper Series No. 76. International Institute for Environment and Development IIED. London, UK.
- \_\_\_\_\_ "DESCENTRALIZACION Y AMBIENTE: Construcción de Capacidad Municipal para la Gestión Ambiental Local en Colombia". *Revista NOMADAS* - Depto. Investigaciones Universidad Central. Bogotá, 1995.
- Cardenas, Juan Camilo, 1994. "Limitaciones y alcance de la teoría económica para el análisis de la problemática ambiental en zonas campesinas". Series ECOS. Número 2, Diciembre 1994. Ecofondo. Bogotá.

#### MAJOR INVITED LECTURES:

Plenary speaker. Alhambra Experimental Workshop, Universidad de Granada, Granada, Spain, October 13-14, 2011.

- Conferencistas nacional. "El valor del agua y el reto para su manejo desde la comunidad". Encuentro internacional Agua y Economía. Banco de la República. Bogotá, 6 y 7 de Octubre, 2011.
- Plenary speaker .“Remixes in the field lab: Adding complexities to economic experiments”. French Experimental Economics Association. Annual Meeting, May 19-21, 2011. Schoelcher - Martinique, France. Also presented at the Economics Department seminar, Florida State University, Dec.9.2011.
- “Teoría de Juegos y Métodos Experimentales para el Estudio de los Dilemas Sociales”. Lección Inaugural Departamento de Ciencia Política EAFIT, Medellín, Febrero 4, 2011.
- “Cooperación y competencia en la economía de la biodiversidad” Año Internacional de la Biodiversidad. Abril 8, 2010. Biblioteca Luis Angel Arango. Bogotá.
- “Cooperación” TEDx Bogotá. Diciembre 4, 2009. <http://www.ted.com/tedx/events/337>.
- “Sustainability as Cooperation , Field as Lab”. Robert F. Kennedy Lecture. David Rockefeller Center of Latin American Studies, Harvard University. December 8, 2008. CGIS South Building, Cambridge, MA.
- “Comportamiento Pro-social: 10 Años de Experimentos Económicos en Colombia”. Cátedra Colombiana de Psicología Mercedes Rodrigo. Septiembre 29, 2007, Universidad de Los Andes.

#### ACADEMIC CONFERENCES:

- "Adapting the Laboratory Strategy to the Complexities of the Field: Innovative but Risky Experimental Designs". Experiments for Export? Behavioral Experiments in Latin America. April 20, 2012. Atlanta, USA.
- “Métodos experimentales y el estudio de sistemas complejos”. Escuela de Verano en Sistemas Complejos, Valparaiso, Enero 23-27, 2012. Instituto de Sistemas Complejos de Valparaiso y Universidad del Desarrollo. Chile.
- “Risk Attitudes and Well-Being in Latin America”. American Economic Association Meetings. Panel “Preferences of the Poor: Field Experiments (C9)”. Jan 09, 2011, Denver, USA.
- "Collective Action in Watersheds: field experiments about vertical cooperation in Kenya, Thailand and Colombia" CBESS seminar University of East Anglia, Economics Department. 8 June at 4pm. Norwich, UK.
- “Cooperación y Competencia en la Economía de la Biodiversidad”. Conferencia Anual Instituto Alexander von Humboldt, Colombia. Abril 8, 2010. Biblioteca Luis Angel Arango. Bogotá.
- LACEA Medellin 2010 panel session organizer “How Experiments can Inform Policies and How Policies can Inform Experiments”. Panel presentation: “Collective action in watersheds and the challenges for public policy. LACEA Medellin 2010, November 2010.
- “Vertical Collective Action: Field Experiments on Watershed Management in Kenya, Thailand and Colombia”. Tuesday, December 2, 2008, Kennedy School of Government, Perkins Room, Rubenstein Building 415, Harvard University, Cambridge, MA..
- “Experiments on Cooperation in Large Groups and the role of Social Networks”. Cooperation Group seminar. Berkman Center for Internet and Society. Harvard University, Cambridge, MA. Fall, 2008.
- "Trust and Collective Action in Latin America: Field Experiments in Bogota, Buenos Aires, Caracas, Lima, Montevideo and San Jose". November 3, 2008. Economics Seminar, University of Massachusetts, Amherst, MA.

- "Dynamics of Rules and Resources: Three New Field Experiments on Water, Forests and Fisheries". Friday, Oct 17, 2008. Resource Economics Seminar, University of Massachusetts, Amherst
- "Vertical Collective Action: Field Experiments on Watershed Management in Kenya, Thailand and Colombia," Wednesday, October 22, 4:00 pm, 368A Heady Hall. W. Arthur Memorial Lecture, Iowa State University, Economics Department
- "Searching for the Micro-Foundations of Self-Governance in Latin America: Field Experiments in Bogotá, Buenos Aires, Caracas, Lima, Montevideo, and San José". September 30, 2008. CGIS South Building, 1730 Cambridge St., Room S-250. Tuesday Seminar on Latin American Affairs, Harvard University
- "Three new games about the commons: introducing ecological dynamics into field experiments". Seminar at Maastricht University, May 28, 2008. Maastricht, The Netherlands.
- "Property rights and collective action" workshop CSF-RFF Moore Foundation, San Francisco, January 29-Feb.2, 2008
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