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EDUCATION

Harvard University

- *Ph.D. in Political Economy and Government*
- Thesis committee: Kenneth Shepsle (chair), James Snyder, Robert Bates, Chris Avery
- Thesis title: “Three Essays on Primary Elections in Latin America and the United States”
- Expected in June 2007

Harvard University

- *M.A. Political Economy and Government*
- June 2003

Instituto Tecnológico Autónomo de México (ITAM), Mexico City

- *B.A. Economics*
- Thesis committee: César Martinelli (chair), Alejandro Hernández
- Thesis title: “Coexistence of Ideologues and Demagogues: an Economic Model of Political Competition in Mexico” (in Spanish)
- June 1999

Instituto Tecnológico Autónomo de México (ITAM), Mexico City

- *B.S. Applied Mathematics*
- Thesis committee: Guillermo Pastor (chair), Beatriz Rumbos
- Thesis title: “Individuals Climbing Up their Hierarchy: an Evolutionary Game” (in Spanish)
- June 1999

DISSERTATION

Title: "Three Essays on Primary Elections in Latin America and the United States"

Chapter 1 (completed): "Primary Elections or Smoke-Filled Rooms: A Theory of Party Democratization in Latin America"

Chapter 2 (completed): "Primary Divergence: The Effects of Primary Elections on Candidate Strategies in the Downsian Model"

Chapter 3 (first draft completed): "Primary Elections with Costly Entry of Candidates: Does Divergence Prevail?"

SCHOLARSHIPS AND GRANTS

- **Institute for Quantitative Social Sciences, Harvard University**, dissertation completion grant, 2006-2007
- **Center for American Political Studies, Harvard University**, seed grant, 2006
- **David Rockefeller Center for Latin American Studies, Harvard University**, conference travel grant, 2006
- **National Bureau of Economic Research**, grant for research on the Economics of National Security, 2003
- **Social Science Research Council**, Program in Applied Economics, summer workshop 2001
- **Fundación México en Harvard**, doctoral scholarship 2001-2006
- **Center for Basic Research in the Social Sciences, Harvard University**, Graduate Fellowship in Mathematics, 2000
- **Ford-McArthur-Hewlett**, Regional Scholarship for Graduate Studies in the Social Sciences, 1999
- **Department of Political Economy and Government, Harvard University**, full tuition and stipend 1999-2001, full tuition 2001-2003.
- **Mexican Secretary of Education**, *Beca SEP*, 1991

PRIZES AND HONORS

- **Excellence in Teaching Economics to Graduate Students**, Harvard University, Spring 2003
- **Excellence in Teaching Economics to Graduate Students**, Harvard University, Fall 2003
- **Certificate of Distinction in Teaching**, Committee on Undergraduate Education, Harvard University, Spring 2002
- **Best Undergraduate Thesis** (in the Mathematics, Statistics or Actuarial Sciences category), ITAM, 1999
- **Special mention**, thesis defense of the B.S. in Applied Mathematics, ITAM, 1999
- **Special mention**, thesis defense of the B.A. in Economics, ITAM 1999
- **Prize to Academic Excellence** (granted for the first time), ITAM, November 1998
- **First place in economic research**, *La Gaceta de Economía*, November 1998

PUBLICATIONS IN ACADEMIC JOURNALS

"A Chance for Peace? Recommendations from Negotiation Theory to Demobilize the Paramilitaries in Colombia," *Kennedy School Review*, Vol. 5, pp. 65-83, May 2004

"Economic Growth, Distributive Policy and Justice á la Rawls" (in Spanish), winner of first place in economic research, *La Gaceta de Economía* #7, year 4, pp 85-108, November 1998

PAPER PRESENTATIONS

"Primary Elections or Smoke-Filled Rooms: A Theory of Party Democratization in Latin America"

- **Northeastern Political Science Association**, Annual Meeting, 2006
- **Harvard Economics Department**, Seminar on Research in Behavior in Games and Markets, 2006
- **Latin American Studies Association**, XXVI International Congress, 2006
- **Massachusetts Institute of Technology**, Political Economy breakfast, 2006

"Primary Divergence: The Effects of Primary Elections on Candidate Strategies in the Downsian Model"

- **American Political Science Association**, Annual Meeting, 2006

"Primary Elections with Costly Entry of Candidates: Does Divergence Prevail?"

- **Midwest Political Science Association**, Annual Meeting, 2006

"Primary Elections in Two-Party Systems: The Effects of Party Nominations on Policy Outcomes"

- **National Bureau of Economic Research**, Student Political Economics Conference, 2005
- **Midwest Political Science Association**, Annual Meeting, 2005
- **Kennedy School of Government at Harvard University**, Work in Progress Seminar, 2005

"Elecciones Primarias o 'Dedazo': Cuándo se Democratizan los Partidos Políticos en América Latina? (Primary Elections or 'dedazo': When do Political Parties Democratize in Latin America?)"

- **Fletcher School at Tufts University**, Latin American students group, 2006

"La Desmovilización de Paramilitares en Colombia: Recomendaciones desde la Teoría de Negociación (The Demobilization of Paramilitaries in Colombia: Recommendations from Negotiation Theory)"

- **Harvard/MIT** Mexican student seminar, 2004

"Optimal Roadmaps: The Design of Successful Peace Agreements in Civil Wars"

- **Harvard Government Department** Research Workshop in Political Economy, 2003

"The Effects of Creating a Mental Frame for the Federal Budget: Saving Social Security First"

- **Harvard Government Department**, Research Workshop in Political Economy, 2002

“Coexistencia de Ideólogos y Demagogos: un Modelo Económico de la Competencia Política en México (Coexistence of Ideologues and Demagogues: an Economic Model of Political Competition in Mexico)”

- **ITAM Department of Economics**, thesis defense, 1999.

“Individuos que Buscan Subir en su Jerarquía: un Juego Evolutivo (Individuals Climbing Up their Hierarchy: an Evolutionary Game)”

- **ITAM Department of Mathematics**, thesis defense, 1999.

“Teoría de Juegos y la Crisis de los Misiles en Cuba (Game Theory and the Missile Crisis in Cuba)”

- **ITAM Department of Mathematics**, Seminar Évariste Galois, 1998.

TEACHING ASSISTANT EXPERIENCE

Harvard University Spring 2004
Professor Kenneth Shepsle
 Thinking About Politics (*undergraduate*)

Harvard University Fall 2002 - Spring 2003
Professors Jerry Green, Chris Avery and Nolan Miller
 Microeconomic Theory I and II (*graduate*)

Harvard University Fall 2001 - Spring 2002
Professor Martin Feldstein
 Principles of Economics – Ec10 (*undergraduate*)

RESEARCH ASSISTANT EXPERIENCE

ITAM, Center for Economic Research (CIE) Fall 1996
Professor Manuel Santos
 Proof-read and typed in Scientific WorkPlace Professor Santos’ research. Helped organize the Annual Meeting of the Society of Economic Dynamics and Control, Mexico City, July 2006.

ITAM, Center for Economic Research (CIE) Spring 1996
Professor Fernando Zapatero
 Gave classes to Professor Zapatero and his assistant on how to program in language C.

LANGUAGE SKILLS

- **Spanish:** Fluent (native language on mother's side)
- **French:** Fluent (native language on father's side)
- **English:** Fluent

POSSIBLE TEACHING TOPICS

In methods:

Game Theory
Social Choice
Statistics and Probability Theory
Econometrics and Regression Analysis
Negotiation Theory
Microeconomics
Macroeconomics

In comparative politics:

Latin American Politics and Economics
Comparative Institutions
Political Parties

RECOMMENDERS

Professor Kenneth Shepsle

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Professor James Snyder

Massachusetts Institute of Technology, Department of Economics and Department of Political Science

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Professor Robert Bates

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Professor Christopher Avery

Harvard University, Kennedy School of Government

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