

## Felipe A. Castro

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CONTACT INFORMATION	Energy & Resources Group University of California at Berkeley Sutardja Dai Hall, 4th Floor Berkeley, CA 94720 USA	Phone: +1-510-610-5262 E-mail: fcastro@berkeley.edu
EDUCATION	<b>University of California at Berkeley, Berkeley, CA</b> <i>Ph.D. Energy &amp; Resources</i> May 2017 (expected) <ul style="list-style-type: none"><li>• Dissertation: <i>On Rate Regulation in Modern Electricity Sectors</i></li><li>• Chair: Professor Duncan Callaway</li></ul> <i>M.A. Economics</i> May 2016 <ul style="list-style-type: none"><li>• Focus: Applied Microeconomics and Industrial Organization</li></ul> <i>M.S. Industrial Engineering &amp; Operations Research</i> December 2012 <ul style="list-style-type: none"><li>• Focus: Mathematical Programming and Computational Optimization</li></ul> <b>University of Chile, Department of Industrial Engineering, Santiago, Chile</b> <i>Industrial Engineering Degree</i> December 2007 <ul style="list-style-type: none"><li>• Graduated with Highest Honors</li></ul> <i>Bachelor Degree in Industrial Engineering</i> December 2005 <ul style="list-style-type: none"><li>• Graduated with Highest Honors</li></ul>	
PAPERS / WORK IN PROGRESS	Castro F.A., Callaway D.S. "Utility Pricing in the Prosumer Era: An Empirical Analysis of Residential Electricity Pricing in California", job market paper.  Castro F.A., Callaway D.S., "Optimal Rate Design in Modern Electricity Sectors", under revision in <i>IEEE Transactions on Power Systems</i> .  Castro F.A., Lara J.D., Callaway D.S. "A Mathematical Programming Approach to Public Utility Pricing", in preparation to be submitted to <i>Operations Research</i> .	
TEACHING AND MENTORSHIP EXPERIENCE	<b>University of California at Berkeley, Berkeley, CA</b> <i>Mathematical Programming II - Teaching Assistant (Graduate Level)</i> Spring 2012 <ul style="list-style-type: none"><li>• Department of Industrial Engineering and Operations Research</li></ul> <i>Summer Research Experience for Trainees - Mentor</i> Summer - 2016 <ul style="list-style-type: none"><li>• I supervised the summer project of a first year PhD student.</li></ul> <i>Undergraduate Student Researcher Program - Tutor</i> Academic year 2015 - 2016 <ul style="list-style-type: none"><li>• I supervised the research projects of three undergrad students.</li></ul> <b>University of Chile, Santiago, Chile</b> <i>Operations Management - Teaching Assistant (Graduate Level)</i> Spring 2009 <ul style="list-style-type: none"><li>• Department of Industrial Engineering</li><li>• Master of Business Administration</li></ul> <i>Stochastic Processes - Teaching Assistant (Graduate Level)</i> Spring 2007 <ul style="list-style-type: none"><li>• Department of Industrial Engineering / Mathematical Engineering</li><li>• Master of Operations Management</li></ul>	

*Undergrad Level Classes - Teaching Assistant*

Fall 2004 - Spring 2005

- Operations Research (Department of Industrial Engineering)
- Introduction to Statistics (Department of Mathematical Engineering)

CONFERENCE  
TALKS

“Utility Pricing in the Prosumer Era: An Empirical Analysis of Residential Electricity Pricing in California”, *American Economics Association Annual Meeting*, Chicago, Illinois. January, 2017.

“Optimal Retail Choice in Modern Power Sectors”, *33rd USAEE/IAEE North American Conference*, Pittsburgh, Pennsylvania. October, 2015.

“Long-run Mine Planning: The Joint Optimization of Open-pit and Underground Mining Projects”, *Congreso de Investigación de Operaciones en Minería*, Viña del Mar, Chile. October, 2010.

ACADEMIC  
HONORS AND  
AWARDS

**University of California at Berkeley**, Department of Industrial Engineering and Operations Research, Department Fellowship, 2011-2012.

**Chilean Commission for Technological and Scientific Research Scholarship**, Fellowship, 2011 - 2015.

**University of Chile**, School of Engineering, Dean’s List 2004.

PROFESSIONAL  
DEVELOPMENT

**University of California at Berkeley**, Berkeley, CA

*Summer Institute for Preparing Future Faculty - Institute Fellow*

Summer 2016

Attended two classes:

- From Graduate Student to Faculty Member
- Editing, Academic Writing, and Academic Publishing

REFERENCES

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