

## ANDRÉS ESTRADA WIECHERS

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### PROFESSIONAL OBJECTIVE

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Enable sustainable processes in industry and society by providing a novel approach to current energy and waste management problems to mitigate human impact in the environment.

### ACADEMIC BACKGROUND

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- 2013 – Present **COLUMBIA UNIVERSITY**  
M.S. Candidate – Earth Resources Engineering  
Earth & Environmental Engineering: Waste Management and Sustainable Energy
- 2005 – 2009 **IBEROAMERICAN UNIVERSITY (Universidad Iberoamericana Cd. De Mexico)**  
Chemical Engineering – Graduated with Honors  
9.5/10 Average  
1st place in the admission exam Fall 2005 - Awarded a 50% scholarship

### PROFESSIONAL EXPERIENCE

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- 2012 - 2013 **PROCTER AND GAMBLE MANUFACTURING MEXICO**  
Technical Engineer in Dry Laundry Processes for Latin America  
*Manage the design, procurement and construction of an environment-friendly formulation change project in Buenos Aires, Argentina*  
*Review safety detail engineering for construction*
- 2010 - 2012 Cost Engineer and Capital Manager for Household Care Latin America Projects  
*Maintain and control cash flow spending for capital projects for LA.*  
*Managing expenditures and auditable processes for 7 production sites*  
*Estimating cost for capital projects in formulation, packaging and facilities projects*
- 2009 **CLOROX MEXICO**  
Trainee: Global Strategic Sourcing  
*Developing Backup suppliers for Labeling and Chemical material*
- 2008 **PROFEPA (Federal Environmental Protection Agency)**  
Social Service: Industrial Inspection Department  
*Assist on compliance verification of environmental legislation in diverse industry*
- Summer 2007 **ENVIRONMENTAL ENGINEERING (Ingeniería Ambiental S.A. de C.V.)**  
*Design and construct electrical control panels for pumping systems*

### ADDITIONAL ACCOMPLISHMENTS

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- 2013 - Fulbright student – Fulbright-Garcia Robles scholarship  
- CONACYT Scholarship  
- COMECYT Scholarship
- 2012 - Solar water heating system installation
- 2011 - Participation in the XXVI Mexican Electrochemistry Society National Congress a "Electrochemical - Production of Ag(III) for oxidation of organic compounds"  
- Completed the San Valero Open Studies Solar Thermal installation course
- 2009 - 2nd place in CENEVAL (National Evaluation Center for Superior Education) Chemical Engineering test for the 2009 Universidad Iberoamericana class.  
- Presented a research project in CINVESTAV congress "Youth in Chemical Research"
- 2005 - 1st place in Universidad Iberoamericana's admission exam for the Fall 2005 period  
- 10th place in A.N. Kolmogorov National Mathematics Contest, Mexico
- 2005 – 2009 - Personal Teacher for High School and Undergraduate level subjects: Math, Chemistry and Physics

### EXTRACURRICULAR ACTIVITIES

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- 2012 Member of rock music band "Roster", recording bass guitar for the band's first album
- 1999 – Present Played guitar, bass guitar and piano
- 2005 – 2013 Goalkeeper for college and local amateur Soccer teams
- Present Amateur runner and golf player

### PERSONAL INFORMATION

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- Nationality: Mexican
- Languages: Spanish; Advanced English – IELTS 8.0/9.0; Basic German
- Software knowledge: MS Office; Matlab; SAP