

## **1. Name and Academic Ranking**

Pablo Ortiz Herrera  
Associate Professor

## **2. Education**

Ph. D. Industrial Engineering. Universidad de Navarra, España. (2003).  
M. Sc Material Science. Ecole Nationale Supérieure de Chimie de Toulouse, Francia. (1999).  
Chemical Engineering. Universidad Nacional De Colombia-Sede Bogotá, Colombia. (1996).

## **3. Academic Experience**

Associate Professor 2012- Present. Full Time  
Assistant Professor 2007-2012. Full Time

## **4. Non-academic Experience**

Corporación para la Investigación de la Corrosión. Surface & Coatings Department. Research Assistant. October 1996–September 1998 / May 2004-December 2006.  
Universidad de Navarra. Professor. January 2000-December 2000.  
Preparación de Superficies y Recubrimientos. Research Assistant. October 1996-December 2006

## **5. Certifications or professional registrations**

Colombia, Professional Card # 6572

## **6. Current membership in professional organizations**

AIChE, American institute of Chemical Engineers - Member, 2011 –present  
Chemical Engineering Professional Council – Member

## **7. Honors and awards**

Scholarship Doctoral Program. Fundación Amigos de la Universidad de Navarra. 1999-2003

## **8. Service Activities**

National or International Panels and committees:

Chemical Engineering, Universidad de los Andes, Research Group Committee -GDPP (Grupo de Diseño de Productos y Procesos). Member 2007 – Present  
Chemical Engineering, Universidad de los Andes, Strategic Planning Committee, 2007 - Present  
Chemical Engineering, Universidad de los Andes, Curricular Committee, 2014 – Present  
Engineering Faculty, Chemical Engineering, Universidad de los Andes, Quality Committee, 2013 – Present

## **9. Main Publications - Last Five Years**

Calero S, Ortiz P, Oñate A, Cortes M. (2015) Effect of proton intercalation on photo-activity of WO<sub>3</sub> anodes for water splitting. International Journal of Hydrogen Energy (ISSN 0360-3199) 41 (N/A), pp. 4922-4030.

Listorti A, Juarez E, Frontera C, Roiati V, Garcia L, Colella S, Rizzo A, Ortiz P, Mora I. (2015) Effect of Mesostuctured Layer upon Crystalline Properties and Device Performance on Perovskite Solar Cells . The Journal of PHISICAL CHEMISTRY Letters (ISSN 1948-7185) 6 (N/A), pp. 1628-1637.

Navarro C, Ortiz P. (2012) Modelamiento de las reacciones de reducción durante la sinterización de hierros pulvimetalúrgicos (PM). Revista Latinoamericana de Metalurgia y Materiales (ISSN 0255-6952) 33 (2), pp. 233-243