



## ***Donifan Barahona***

### ***Education:***

**Ph.D. (In progress)** Chem. Engineering, GaTech.

**M.Sc. (2005)** Chem. Engineering, Kansas State University, Manhattan, KS.

**B.S. (2002)** Chem. Engineering, National University of Colombia, Bogotá, Colombia.

### **Current Research : Aerosols-Cloud-Climate interactions**

- Including entrainment and turbulence effects in cloud droplet number parameterizations.
- Development of parameterizations to estimate the ice particle concentration in ice clouds.

**Other interests:** Novel solvent applications, membrane processes and enzymatic catalysis. Development of software educational tools for chemical engineering and general chemistry.

**Other information:** I am originally from Bogotá, Colombia. I play Capoeira (a brazilian martial art) every day.