



**María Verónica
D'ANGELO**

**Home Country
Argentina**

**Degree
Post-Doctorate in
Transport
of Particles and Fibers in
Porous Media**

**Expertise
Physics**

**Research Focus
Transport of Particles
and Fibers
in Porous and Fractured
Media**

**Host University
University of Paris Sud
II, France**

**Fellowship Awarded
2006**

María Verónica D'Angelo was born in Buenos Aires, Argentina and grew up in Bolivia and Peru before returning with her family to Argentina, where she graduated from high school. Married with a child, she enjoys cooking and travelling (especially hiking and trekking) and fly fishing in the awesome Patagonia.

Now a full-time faculty member at the University of Buenos Aires, she is also a member (research assistant) of the National Council of Scientific and Technological Research in Argentina.

While pursuing her Licenciatura degree (similar to a master's degree) in physics at the University of Buenos Aires, she wrote her thesis on reaction-diffusion systems, focusing in particular on the coexistence of patterns in different toy models. She worked for two years on electro-deposition in planar cells under AC voltage, and her doctoral thesis, entitled "Flow of Macromolecular Solutions in Porous Structures," dealt with particular retention phenomena in porous media and the effect of the rheology of polymer solutions on flow in a 2D porous medium.

After receiving her PhD in physics in 2005 from the Faculty of Exact and Natural Science at the University of Buenos Aires, in 2006 María Verónica began post-doctoral research on the transport of particles and fibers in porous and fractured media in the Laboratory of Fluids in Automatic and Thermal Systems (FAST) at the University of Paris Sud II.

Working in the FAST laboratory, she became interested in complex flows in disordered media. In particular, she studied the effect of structural features of fluid and media, and the properties of the pore surface on the pore-fluid interactions. She was also interested in the transport of contaminants in heterogeneous systems, and in the development and evaluation of remediation technologies.

After completing her post-doctoral research in France, María Verónica resumed teaching at the University of Buenos Aires.