

Javier Figueroa

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Professional Experience

- **April 2002 - Present.** Engineering Specialist Sr. that works in research and development of advanced nuclear fuel cycles with an emphasis on pyroprocessing technologies. He has expertise in plant modeling and the integration of unit operations to form a cohesive recycle facility. His work involves developing models for process flowsheets and material balances, waste handling, equipment concepts and facility designs. Javier is also an experienced nuclear worker with an extensive knowledge of molten salt processes and inert atmosphere gloveboxes. His research focuses on actinide separations using electrochemical methods like electrorefining and electrolysis in molten salt chlorides. Javier also has interest in product consolidation and waste form development.

Education

- MS, Chemical Engineering, Illinois Institute of Technology, MAY 2006
- BS, Chemical Engineering, Illinois Institute of Technology, MAY 2001
- BA, Engineering Science, Benedictine University, MAY 2001

Awards

- SPOT Safety Award, April 2008
- Quality and Safety Recognition Award, September 2006

Publications & Patents

- Publications : 15