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UNIVERSITY EDUCATION

- 1994-1998 Ph.D. in Chemical Engineering
Department of Chemical Engineering and Applied Chemistry, University of Toronto
- 1992-1994 Masters of Applied Science (M.A.Sc.) in Chemical Engineering
Department of Chemical Engineering and Applied Chemistry, University of Toronto
- 1985-1990 Bachelor of Science (B.Sc.) in Chemical Engineering
Department of Chemical Engineering, Amirkabir University of Technology
Tehran, Iran

RESEARCH INTERESTS AND ACTIVITIES

- Aboriginal Water Health
- Water treatments in small and rural communities
- UV based technologies for water treatment and purification
- Electrochemical processes for water treatment processes
- Advanced water and wastewater treatment processes
- NOM characterization and removal
- Synthesis and application of nano-photocatalysts for the degradation of organic compounds
- Microbial fuel cell for electricity and hydrogen production
- Synergy between bioprocess engineering and advanced oxidation

FUNDING ORGANIZATIONS

- **Government:** Natural Science and Engineering Research Council of Canada (NSERC); Canada Foundation for Innovation (CFI); Aboriginal Affairs and Northern Development Canada (AANDC); BC Ministry of Community, Sports, & Cultural Development; Canadian Water Network (CWN); IC-IMPACTS NCE
- **Industry:** Trojan Technologies; BI Pure Water Inc.; NORAM Engineers and Contractors; Trittech Group; Urban Systems; HealthSpace Informatics; Opus DaytonKnight
- **Foundation:** Peter Wall Institute for Advanced Studies (PWIAS)