

PhD DISSERTATIONS:

1. "A Study of the Turbulent Non-Newtonian Boundary Layer on a Flat Plate," R.L. Sampson, December 1969.
2. "Non-Newtonian Thin Film Flow," J.S.Tyler, July 1971.
3. "Drag Reduction and Viscoelastic Effects on the Turbulent Boundary," S.M. Kumor, January 1973.
4. "A Micro-Continuum Theory of Blood Rheology," M.A.Turk, January 1973.
5. "Trickle-Bed Reactor Systems: Theory and Experiment," Punya Pitayagulsarn, November 1974.
6. "Analysis of Transient, Two-Phase, Homogeneous Equilibrium Flow for Ammonia," D.J.Zigrang, July 1976.
7. "Computer Simulation of Micellar Flood Performance," I.R.Vohra, September 1976.
8. "Drag Reduction in Two-Phase Gas-Liquid Flow," Russell H. Dowling, October 1976.
9. "A Numerical Simulation Model for Transient Two-Phase Flow in a Pipeline," M. W .Scoggins, October 1977.
10. "Experimental Study of Two-Phase Slug Flow in a Pipeline-Riser Pipe System," Z.Schmidt, December 1977.
11. "Pollutant Removal by Adsorption and Reaction in Aqueous Slurries of Powdered Activated Carbon," S. Dianat, May 1978.
12. "A Numerical Investigation of Micellar Flooding in One and Two Dimensional Systems," Jose T. Limon, July 1978.
13. "Numerical Solution of Liquid Phase Multicomponent Adsorption in Fixed Beds," A. Mansour, January 1980.
14. "Dispersed Air Flotation of Oil-Water Emulsions," John J. Byeseda, November 1980.
15. "Hydrodesulfurization in Trickle-Bed Reactors," Wirat Sakornwimon, April 1981.
16. "Experimental Determination of Solids Friction Factors and Minimum Volumetric Requirements in Foam and Mist Drilling and Well Cleanout Operations," Godwin Okpobiri, May 1982.
17. "Microbial Desulfurization of Natural Gas," Kerry Sublette, May 1985.
18. "Analytical Steam Flood Modeling," Hung Lung Chen, July 1987.
19. "Steam Drive Simulation of Water Driven Reservoirs," Tareq Al-Suwidan, December 1989.
20. "An Experimental Investigation of the Drag and Heat Transfer Reduction of Surfactants,," Asad A. Salem, June 1996.

MS THESES:

1. "Effect of Polymer Degradation on Flocculation," Moussa P. Toure, September 1974.
2. "Effects of Mass Transfer on Organic Acid Removal by Activated Carbon Adsorption," Michael Hoy, February 1975.
3. "An Experimental Study of Oil-Water and Air-Oil-Water Flow Mixtures in Horizontal Pipes," Mark S. Malinowsky, August 1975.
4. "Effects of Flow Rates and Distributor Backmixing on Mass Transfer for Cocurrent Two-Phase Downflow in a Packed Bed," Adel Farazimajd, September 1975.
5. "Comparison of the Drag Reduction and Degradation Characteristics of Shell PEP-4 and Conoco CDR Polymer-Hexane Solutions in Turbulent Tube Flow," Russell H. Dowling, October 1975.
6. "Phenol Removal from Wastewater in an Upflow Activated Carbon Adsorber," Paul H. Archerd, December 1975.
7. "Evaluation of Kenics Static Aerator," Frederick G. Whittier, December 1975.
8. "Evaluation of the Drag Reduction and Degradation Characteristics of Dowell-APE and Calgon TRO-513 Additive-Hexane Formulations," H. A. Paz y Mino, January 1976.
9. "Experimental Study of Gas-Liquid Flow in a Pipeline-Riser Pipe System," Zelimir Schmidt, March 1976.
10. "High Rate Filtration in a Polymer Treated Sand Bed," John J. Byeseda, April 1976.
11. "Analysis of Current Procedures for Predicting Pressure Drop in a Subsurface Safety Valve," Omar Allag, March 1976.
12. "Experimental Study of Two-Phase Flow Through Otis J. Valve Chokes," E.A.Proano, May 1976.
13. "Experimental Study of Two-Phase Flow Through Camco A-3 Valve Chokes," C.E.Roman-Lazo, August 1976.
14. "Ultrafiltration of Oily Wastewaters in Turbulent Tube Flow," Frank Jeng, November 1976.
15. "Removal of Chromates from Cooling Tower Waster Streams by Ion Exchange," David Siebert, October 1976.
16. "Induced Air Flotation of Oil-Water Emulsions: Preliminary Investigation of Operating Parameters," Kelley Chou, December 1976.
17. "Modeling Transport Phenomena Associated with Polymer Flow in Model Porous Media," M. Awad, May 1977.
18. "The Effect of Concentration and Friction Velocity on the Drag Reducing of Dowell-APE in Additive-Kerosine Formulations," Pamela Sue Smith, May 1977.
19. "The Effect of Mass Transport and Chemical Reaction on Pollutant Removal in a Three-Phase Slurry Adsorber-Reactor," Sadek Laribi, August 1977.
20. "The Effects of pH, NaCl, Sodium Trichlorophenate, Fuel Oil and Repeated Exhaustion-Regeneration on Chromate Capacity of Ion-Exchange Resins," Ajit Dharwadkar, January 1978.
21. "An Experimental Study of Two-Phase Oil-Water Flow in Inclined Pipes," H. Mukhopadhyay, November 1977.
22. "Drag Coefficients of Irregularly Shaped Particles for Reynolds Numbers from 7 to 3,000," John D. Hottovy, April 1978.
23. "Slurry Absorber-Adsorber Reactor Design," W. Sakornwimon, May 1978.
24. "Cationic Polyelectrolyte Flocculation of Oil-Water Emulsions: Effects of Mixing Intensity and Oil Concentration," Richard J. Shaughnessy III, January 1979.
25. "Numerical Solution of Multi-Component Adsorption from a Stirred Bath," Awadh Mansour, January 1979.
26. "The Effect of Salt on the Ultrafiltration of Oil-Water Dispersions," Mu-Fa Chen, January 1979.
27. "An Experimental Study of the Effects of Oil Viscosity, Mixture, Velocity and Water Fraction on Horizontal Oil-Water Flow," Kenneth Oglesby, December 1979.
28. "A Study of the Effects of Powdered Activated Carbon on Heterogeneous Microbial Cultures in Minimal Media," Kerry Sublette, August 1980.
29. "Design, Operation and Evaluation of a Pilot Scale Fluidized Bed Combustor," Philip Lewis, Aug 1981
30. "Performance and Calibration of a Constant Temperature Anemometer in Two-Phase Vertical Flow," Farhad Sadeghzadeh, May 1983.
31. "The Flow of Newtonian Fluids through a Sharp-Edged Contraction," Hung Lung Chen, March 1984.

32. "Fluid Mechanics and Heat Transfer in Steam Injection Wells," Sam Yao, December 1985.
33. "Analysis of Fatty Amide Production in a Falling Film Process," Robert J. Purinton, July 1986.
34. "Comprehensive Mechanistic Model of Vertically Upward Two-Phase Flow," A. Ansari, December 1988.
35. "Experimental and Theoretical Modeling of a Multiple Reaction System", Terry A. Rada, 1999
36. "Modeling of a Non-Isothermal Fixed Bed Catalytic Reactor and Aftercooler System", J. R. Seay, 2004.