

Professional Preparation:

University of Minnesota / Geological engineering / B. Geol. E. with Distinction / 1967
Midwestern State University / Business administration (while serving in the U.S. Air Force).
University of Illinois / Geology/hydrogeology / M.S. / 1974
University of Illinois / Geology/hydrogeology / Ph.D. / 1974

Appointments:

Carlton Professor of Geology (2002-on), Chevron Centennial Professor of Geology (1986-2002); Professor (1985-86); Associate Professor (1982-85), The University of Texas, Austin, TX.
Visiting Scientist (1994) C.S.I.R.O. Centre for Groundwater Studies, Adelaide, Australia.
Assoc. prof. (1979-1982); Dept. Chairman (1980-82); ass't. prof. (1974-80), University of Missouri, Columbia, MO.
Captain, U. S. Air Force (1967-71), Sheppard Air Force Base, Wichita Falls, TX.
Consultant (1966-1967) -Dept. Mining Engineering, University of Minnesota, Minneapolis, MN.

Publications: Dr. Sharp has published over 280 journal articles and abstracts, over 10 monographs/book chapters, and over 40 book reviews plus many invited research presentations, locally, nationally, and internationally. For a more complete list: www.geo.utexas.edu/faculty_research_list.htm.

Synergistic Activities:

- Selected Honors:* Barton Springs/Edwards Aquifer Conservation District Research Conservation Award (2004); Expert of International Standing, Australian Research Council College of Experts (2004-2005); Big XII Faculty Fellow (2002); Carlton Professorship (2002-on); AT&T Industrial Ecology Faculty Fellow (2000); American Institute of Hydrology - Founders Award (1998) and C. V. Theis Award (1996); SIPES' Chapter Award (1998); Geological Society of America - Hydrogeology Division Distinguished Service Award (1996), Fellow (1988-on), and O. E. Meinzer Award (1979); Joseph B. Hoening Distinguished Lecturer (1995), Kentucky Geological Survey; Alexander von Humboldt Fellow to West Germany (1983 and 1981); Promethean Society of The University of Texas; Sigma Xi; Phi Kappa Phi; Tau Beta Pi.
- Professional registrations/certifications:* 1) Licensed Geologist #1800, State of Texas, Board of Geoscientists; 2) Professional Hydrogeologist #135, American Institute of Hydrology; 3) Society of Independent Professional Earth Scientists #2419.
- Selected Professional Services:* *Geological Society of America:* Convener of the first GSA International Internet Symposium; Editor Environmental and Engineering Geoscience; Council; Executive Committee; Assoc. editor, Geological Society of America Bulletin; Chairman, Hydrogeology Division, *American Institute of Hydrology*: Chair, Nomination Committee; Founders Award Committee; Examination Committee; Chairman, Board of Registration; Executive Committee; Vice President for Academic Affairs; Registration Board; Ed. Board, Hydrological Science and Technology. *National Research Council:* Advisory Committee on the Waste Isolation Pilot Plant (WIPP) *International Association of Hydrogeologists:* Chairman, US National Chapter; International Treasurer; International Vice President; Assoc. editor, Hydrogeology Journal and Journal of Applied Hydrogeology. *Other miscellaneous services to profession:* Advisory Board, Texas Water Development Board Rule of Capture Conference; Australian Research Council Panel of Assessors; Review of Core Programme, British Geological Survey; U. S. National Committee for Scientific Hydrology; National Environmental Research Council (Great Britain) Review of Hydrogeology
- Educational development:* Initiated new curricula at The University of Texas: B.S. in Hydrogeology and Environmental Geology and B.S. in Geosystems Engineering and Hydrogeology and the dual degree in geology and civil engineering at the University of Missouri. Key scientific advances include: analyses on fracture skin hydrogeologic effects; energy and mass transport in sedimentary basins; thermohaline free convection, applications of hydrogeology to mineral deposit formation and sediment diagenesis, and the effects of urbanization on groundwater flow systems. My research has also provided insights on the hydrogeology of tuffs, alluvial aquifers, the Edwards aquifer, and Trans-Pecos Texas.
- Community Service:* Texas Utilities Environmental Steering Committee, Texas System of Natural Laboratories Board, volunteer work with Tarrytown United Methodist Church, Boy Scouts of America, Little League.

Collaborators and Other Affiliations (last 48 months Collaborators (last 4 years) & Other Affiliations

(Affiliation is The University of Texas at Austin, unless otherwise listed):

M. Atwia (Tanta Univ., Egypt), A. Bakrah (Tanta Univ., Egypt), J.L. Banner, J. Beery (Barton Springs/Edwards Aquifer Conservation District, TX), P.C. Bennett., P. Bobeck (Geotechnical Translations, TX), R. Boghici (TX Water Development Board), G. Caramana (Italian Geol. Survey), W.J. Choi (TX Water Development Board), J. Crowe (Texas State Univ.), J.K. Dickinson (Conoco), A.R. Dutton, A. El-Shishtawy, (Tanta Univ., Egypt), S.A. Evans, T.R. Fenstemaker (Univ. Nevada), W.E. Galloway, B. Garcia-Fresca, T.T. Garner, M.O. Gary, R.S. Havens Gary, C.N. Hansen, N. Hauwert, G. Heiken (Los Alamos Nat.Lab), A. Heleika (El Menia Univ., Egypt), B. J. Hibbs (Cal. State, LA), D. Johns (City of Austin, TX), J. Krasny (Charles Univ., Czech Rep.), I. Kreisel (Amdocs, Jerusalem), J.N. Krothe (Krothe & Assoc., IN), M. Lagmansson, (SAGA Geophysics, TX), B. Lorenzo-Rigney (INTERA, TX), A.J. Love (DPIRSA, Australia), R.E. Mace (TX Water Development Board), J.D. Mather (Univ. London), J.M. Mayer (Univ. West Georgia), M. Musgrove, H.S. Nance, A.-H. Noweir (Tanta Univ., Egypt), T. Phyu, S.A. Pierce, C. Ridgeway (TX Water Development Board), K. Ridgway (Purdue Univ.), N. I. Robinson (Flinders Univ., Australia), A. Sansom (Texas State Univ.) B.R. Scanlon, M. Shi, C.T. Simmons (Flinders Univ., Australia), B. Smith (Barton Springs/Edwards Aquifer Conservation District, TX), J.A. Stamatakos (SW Research Labs., TX), J.D. Stevens, C.A. Stewart (Geomatrix, Inc., CA), W.C. Stone (Stone Aerospace, MD), S. Tyler (Univ. Nevada, Reno), M.M. Uliana (Texas State Univ.), N. Van Broekhoven, K.S. White, A.M. Wilson (Univ. South Carolina), H. Xie (Texas A&M Univ.), Z.L. Yang, M. Zimmerman (ERM, Inc., TX).

Thesis Advisor and Postgraduate Sponsor (last 5 years):

MS: J. Bene (Harden Assoc., TX), S. Evans (MR, Inc., TX); T. Fenstemaker (U. Nevada); K. Khorzad (Wetrock Groundwater Services, TX), M. Landrum (US Nat. Park Service), S. Lindsay (U. Kansas), T.R. Ressler (Groundwater Solutions, OR), N. Van Broekhoven (Caran & Assoc., TX), J. Krothe (Krothe & Assoc., IN), T. Naing (Geomatrix, CA), T Phyu (Geomatrix, CA), A. Hobbs (Parish Geomorphic, Canada). *Ph.D:* T. Halihan (Oklahoma State U.); M.M. Uliana (Texas State U.), W. Asquith (USGS) *Postgraduates:* G. Ledder (U. Nebraska), N.I. Robinson (Flinders U., Australia).

To date: over 10 Ph.D and 60 MA/MS students advised and graduated. Currently advising 8 Ph. D., and 7 M.S students.
