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DAVID A. SABATINI

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(A) PROFESSIONAL PREPARATION

University of Illinois	Civil Engineering	B.S., 1981
Memphis State University	Civil Engineering	M.S., 1985
Iowa State University	Civil Engineering	Ph.D.,1989

(B) APPOINTMENTS

1989 - present	University of Oklahoma, Norman, OK; Assoc. Prof. (‘94); Professor (‘99)
2000 - present	Surfactant Associates, Inc., Norman, OK; Partner
AY97/98	Universität Tübingen, Germany; Senior Fulbright Scholar
Su 97	USEPA Environmental Research Laboratory; Ada, OK
1996-2008	Surbec Environmental, LLC, Norman, OK; co-Founder and co-Principal

(C) RECENT PUBLICATIONS OF RELEVANCE

Nijhawan, A., Butler, E., and Sabatini, D. "Macroporous Hydroxyapatite Ceramic Beads for Fluoride Removal from Drinking Water." Journal of Chemical Technology and Biotechnology. Accepted Nov. 30, 2016.

Yami, T. L., Chamberlain, J. F., Butler, E. C. and Sabatini, D. A. “Using a High-Capacity Chemically Activated Cow Bone to Remove Fluoride: Field Scale Column Tests and Laboratory Regeneration Studies.” J. Environmental Engineering. 2016, DOI: 10.1061/(ASCE)EE.1943-7870.0001169, 04016083, 1-9.

Yami, T. L., Butler, E. C. and Sabatini, D. A. “Chemically Activated Cow Bone for Increased Fluoride Removal from Drinking Water.” Journal of Water, Sanitation and Hygiene for Development. 2016, 6(2), 215-223.

Du, J., Sabatini, D. A. and Butler, E. C. “Preparation, Characterization, and Regeneration of Aluminum (Hydr)Oxide–Amended Molecular Sieves for Fluoride Removal from Drinking Water.” J. Environmental Engineering. 2016, 142(10), DOI: 10.1061/(ASCE)EE.1943-7870.0001114, 04016043, 1-8.

Brunson, L. R. and Sabatini, D. A. “Role of Surface Area and Surface Chemistry during an Investigation of Eucalyptus Wood Char for Fluoride Adsorption from Drinking Water.” J. Environmental Engineering. 2015, 141(2), DOI:10.1061/(ASCE)EE.1943-7870.0000891, 1-8.

Yami, T. L., Du, J., Brunson, L. R., Chamberlain, J. F., Sabatini, D. A. and Butler, E. C. "Life Cycle Assessment of Adsorbents for Fluoride Removal from Drinking Water in East Africa." The International Journal of Life Cycle Assessment. 2015, 20, 1277-1286.

Do, L. D., Attaphong, C., Scamehorn, J. F. and Sabatini, D. A. "Detergency of Vegetable Oils and Semi-Solid Fats using Microemulsion Mixtures of Anionic Extended Surfactants: The HLD Concept and Cold Water Applications." Journal of Surfactants and Detergents. 2015, 18, 373-382.

Du, J., Sabatini, D. A. and Butler, E. C. "Synthesis, Characterization and Evaluation of Simple Aluminum-based Adsorbents for Fluoride Removal from Drinking Water." Chemosphere. 2014, 101, 21-27.

Brunson, L. R. and Sabatini, D. A. "Practical Considerations, Column Studies and Natural Organic Material Competition for Fluoride Removal with Bone Char and Aluminum Oxide Amended Materials in the Main Ethiopian Rift Valley." Science of the Total Environment. 2014, 488-489, 580-587.

Cope, C. O., Webster, D. S. and Sabatini, D. A. "Arsenate Adsorption onto Iron Oxide Amended Rice Husk Char." Science of the Total Environment. 2014, 488-489, 554-561.

Chamberlain, J.C. and Sabatini, D. A. "Water Supply Options in Arsenic-affected Regions in Cambodia: Targeting Bottom Income Quintiles." Science of the Total Environment. 2014, 488-489, 521-531.

Chen, L., Sabatini, D. A., Kibbey, T. C. G. "Transport and Retention of Fullerene (nC_{60}) Nanoparticles in Unsaturated Porous Media: Effects of Solution Chemistry and Solid Phase Coating." Journal of Contaminant Hydrology. 2012, Vol. 138-139, 104-112.

Brunson, L. R., Busenitz, L. W., Sabatini, D. A. and Spicer, P. "In Pursuit of Sustainable Water Solutions in Emerging Regions." Journal of Water, Sanitation and Hygiene for Development. 2013, 3(4), 489-499.

Mlilo, T. B., Brunson, L. R. and Sabatini, D. A. "Arsenic and Fluoride Removal using Simple Materials." J. Environmental Engineering. 2010, 136(4), 391-398.

Robberson, K. A., Waghe, A. B., Sabatini, D. A. and Butler, E. C. "Adsorption of the Quinolone Antibiotic Nalidixic Acid onto Ion-Exchange and Neutral Polymers". Chemosphere. 63(6), 2006, 934-941.

(4 books appeared, 220 refereed journal articles / book chapters appeared / in press)
10,703 citations with h-index of 59, i-100 of 23 and i-10 of 179 (Google Scholar – February 2, 2021)

(D) SYNERGISTIC ACTIVITIES

Co-founder of a technology company that implements surfactant-based environmental remediation processes in the marketplace (Surbec Environmental)
Assoc. Dir. - Institute for Applied Surfactant Research which has 12 industrial sponsors
Associate Editor: *J. Contaminant Hydrology* (past Editor-in-Chief); *J. Surfactants and Detergents;* Member International Editorial Board: *Journal of Water, Sanitation and Hygiene for Development.*
Science Advisory Board Member: Subsurface Remediation – DuPont Chemical Co.