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Prior to joining Argonne, Dr. Schmalzer worked for Gulf Oil Corp. and affiliates serving as Manager of Alternate Fuels Research and as Vice President and Managing Director of Solvent Refined Coal International, Inc., a joint venture of Gulf, Mitsui and Ruhrkohle. He also served on the Technical Advisory Committee to the Board of Rio Blanco Oil Shale Co., a joint venture of Gulf and Amoco. Earlier he worked at Westinghouse Commercial Atomic Power Co. and the Solvay Division of Allied Chemical Corp.

Dr. Schmalzer received a PhD in Chemical Engineering from the University of Pittsburgh and BES and MS degrees in Chemical Engineering from the Johns Hopkins University. He is a licensed professional engineer in Pennsylvania and the author of three US patents and several publications.