

Company Key Personnel

President:	Henry Liu
Business Manager and Treasurer:	Susie D. Liu
Senior Engineer:	Shankha Banerji
Senior Engineer:	William J. Burkett
Engineer:	Jesse VanEngelenhoven
Administrative Assistant	Carla Roberts

Qualifications

Henry Liu has a Ph. D. from Colorado State University, specializing in fluid mechanics. He is the founder and President of The Green Brick Company. Dr. Liu also founded Freight Pipeline Company (FPC) in 2001 after retiring from the University of Missouri-Columbia (UMC). FPC is a more diversified research and development firm which developed the *Greenest Brick* under Dr. Liu's leadership with NSF-SBIR funding. At UMC he was a chaired professor and the Director of Capsule Pipeline Research Center (CPRC). CPRC was a State/Industry University Cooperative Research Center (S/IUCRC) established by National Science Foundation (NFS) at UMC in 1991 to research and develop capsule pipeline technology for beneficial use. Dr. Liu served in leadership positions on several national and international organizations such as: Chairman of the Aerodynamics Committee, American Society of Civil Engineers (ASCE), Chairman of Pipeline Research Committee (ASCE), and President of the International Freight Pipeline Society (IFPS). He received numerous honors including Aerospace Science and Technology Applications Award (ASCE), Bechtel Pipeline Engineering Award (ASCE), Distinguished Lecture Award (IFPS), Missouri Energy Innovation Award, three University of Missouri faculty awards, and the Barton A. Thomas Award for the Best Technical Presentation at the 2005 World of Coal Ash (WOCA) Conference. He is the inventor or co-inventor of five capsule pipeline related patents, and one combustion safety related patent. His most recent patent applications are for the fly ash brick.. He has published more than 100 technical papers and two books: *Wind Engineering, Prentice Hall, 1991* and *Pipeline Engineering, CRC Press, 2003*. He is a Professional Engineer (PE) registered in Missouri.

Susie D. Liu has an M.S. Degree in Accounting from the University of Missouri-Columbia, and is a Certified Public Accountant (CPA). She worked for the State of Missouri (State Auditor's Office and Department of Social Services) and the University of Missouri for over ten years before starting her own business practice as a self-employed CPA. She also has taught college classes in accounting.

Shankha Banerji is a Senior Environmental Engineer of FPC and Green Brick Co. He has a Ph. D from the University of Illinois-Urbana, and is a Professional Engineer (PE) registered in Missouri. He was a Research Assistant Professor at the University of Illinois-Urbana, an Assistant Professor at the University of Delaware, an Associate & Project Manager at Kidde Consultants Inc., and a Professor of Civil and Environmental Engineering at the University of Missouri-Columbia (UMC). He retired from UMC in 2000. Dr. Banerji's expertise is in environmental engineering--water treatment, wastewater treatment, solid waste management, and hazardous waste management. He has taught many courses in these areas, both at the graduate and undergraduate levels. He has served key positions in professional organizations such as: Chairman of the Task Committee on Final Clarifiers for Activated Sludge Process, American Society of Civil Engineers (ASCE), Associate Editor of the Environmental Engineering Journal (ASCE), and a member of the Advisory Committee for EPA Regions VII and VIII Hazardous Substance Research Center. Dr. Banerji has published over 100 papers in various journals and conference proceedings.

William J. Burkett is a Senior Chemical Engineer of FPC and Green Brick Company. He has a B.S. in Chemical Engineering from the University of Texas-Austin, and M.S. from the University of

Michigan-Ann Arbor. Mr. Burkett has extensive R & D and industry experience. He worked for the Monsanto Company for 35 years retiring as a manager-engineer. From 1991-2000, he worked as Senior Researcher of CPRC directing research in the compaction of coal logs and biomass logs, and supervising laboratory facilities. He specializes in chemical engineering, bulk materials handling and processing, and equipment selection/utilization/design.