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Professional Experience

- President, Baier Consulting Engineers, Inc., Davie, FL, 1986-Present.
- Vice-President, Southeastern Engineering & Testing Laboratories, Inc., Davie, FL, 1973-Present.
- Vice President, Herbert M. Schwartz & Associates, Inc., Miami, FL, 1978-1986.

Academic Experience

- Instructor & Undergraduate Advisor, Construction Management Department, Florida International University, 2002-Present.
- Adjunct Instructor, Construction Management Department, Florida International University, 1994-2002.
- Teaching Assistant, Department of Engineering Mechanics, University of Florida, 1969-1970.

Education Background (in chronological order)

- M.E., Engineering Mechanics, College of Engineering, University of Florida
- B.E., Civil Engineering, City College, City University of New York (CUNY)

Affiliations/Professional Associations

- Registered Engineer, State of Florida, 1973
- Registered Engineer, State of New York, 1975
- Registered Engineer, State of Georgia, 1986
- Registered Engineer, State of Alabama, 1987
- Member and Past President, Florida Structural Engineers Association
- Member and Past President, American Concrete Institute, South Florida Chapter
- Member, Florida Engineering Society, Broward County Chapter
- Member, National Society of Professional Engineers
- Member, National Council of Structural Engineering Organizations

Research

- Under grant from the State of Florida Department of Community Affairs, assisted in various hurricane research projects for the “Hurricane Loss Mitigation Program.”
- Under grant from the State of Florida Department of Transportation, assisted in geotechnical engineering research to investigate Compaction of Pipe Trench Backfills in Wet Conditions.”

Teaching

- BCN 4431 Structural Design II, Florida International University
- BCN 4462 Structural Design III, Florida International University
- BCN 4465 Temporary Structures in Construction, Florida International University

Selected Publications

- Ahmad, I., Dye, J. M., Mitrani, J. D., Baier, R. A. and Epstein, W. C., “Evaluation and Analysis of Current Compaction Methods for FDOT Pipe Trench Backfills in Areas of High Water Tables,” Florida International University, Miami, Florida.
- 2nd LACCEI International Latin American and Caribbean Conference for Engineering & Technology 2-4 June 2004, Miami, Florida. Presented Paper: “Re-Cyclable Emergency Shelters for Short Term Post Disaster Use.”