NADER VAHDAT
Chemical Engineering Department
Tuskegee University
Tuskegee, AL 36088
nvadat@tuskegee.edu

Summery

Forty five years of experience in Chemical Engineering Education and research. Expertise include:
Curriculum development for chemical engineering, including new rtridges; Chemical polymer interaction with application in protective clothing materials, and membrane separation; Development of air monitoring instruments for aerosols and vapors; Development of fire extinguishing agents; Carbon dioxide capture from flue gas in power plants.

Education

Ph.D. (Chemical Engineering), University of Manchester, Englan

Department head, Chemical Engine
Lawrence Livermore National Labo
Professor, Chemical Engineering, T
Associate Professor, Chemical Eng
Assistant Professor, Chemical Engi
Visiting Faculty, Chemical Enginee
Assistant Professor, Chemical Engi

Professional credentials, certifica

Professional Engineer (PE) in Alab
Member of American Institute of C
Member of American Society for E
Service Achievement Award, Tusk

PROFESSIONAL ACTIVITIES

Consultant for chemical engin
Major clients : Phillips Petro
American Tec
Lawrence Liv

Contributions to the discipline (e

Department Head, Chemical Engin
Member of Dean's Council, Colleg
Member of Educational Policy Cor

Member of Personnel Committee, College of Engineering
Member of Department Head's Council, Tuskegee University
Served on Faculty Senate, Tuskegee University
Served on Bio-Hazard Committee, Tuskegee University

"Carbon capture and CCS Research at Tuskegee University", Presented at the Second Annual Tuskegee Forum on Carbon Capture and Storage (CCS) Technologies, April 26, 2010, Tuskegee, AL

"Geological Sequestration Training and Research Program in Capture and Transport: Development of the Most Economical Separation Method for CO_2 Capture", Presented at the NETL/DOE Kickoff Meeting, March 22, 2010.

" Development of the Most Economical Separation Method for CO_2 Capture", Presented at the NETL/DOE Annual Meeting, February 23, 2011.

"Development of a model to screen different absorption processes for possible use for CO_2 capture" presented at the Tenth annual Carbon Capture & Sequestration Conferen6 fffC Ц