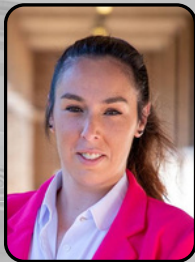




GERARDINE BOTTE

FOUNDER AND DIRECTOR OF CASFER (NSF ERC),
PROFESSOR AND WHITACRE ENDOWED CHAIR
IN SUSTAINABLE ENERGY

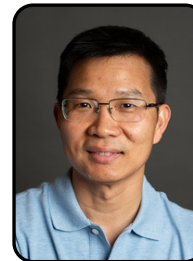
ELECTROCHEMICAL ENGINEERING,
SUSTAINABLE MANUFACTURING,
ENERGY/WATER SUSTAINABILITY



JENIFER GOMEZ-PASTORA

ASSISTANT PROFESSOR

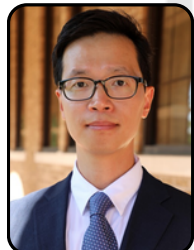
MICROFLUIDS, MAGNETOPHORESIS,
BLOOD CELL ANALYSIS AND
CHARACTERIZATION,
BIOMEDICAL MICRODEVICES



WEI LI

ASSOCIATE CHAIR FOR GRADUATE
PROGRAM, ASSOCIATE PROFESSOR

CELL/POLYMER INTERACTION,
CELL MICROENVIRONMENT,
BIOMEDICAL DEVICES



INSEOK CHAE

ASSISTANT PROFESSOR

BIOHYDROMETALLURGY,
STIMULI-RESPONSIVE BIOMATERIALS,
SUPRAMOLECULAR ASSEMBLY



JOSHUA HOWE

ASSISTANT PROFESSOR

ELECTRONIC STRUCTURE AND
ATOMISTIC SIMULATIONS,
NANOPOROUS MATERIALS



JAY LU

ASSISTANT PROFESSOR

PROCESS DATA ANALYTICS,
FAULT DETECTION AND DIAGNOSIS



CHAU-CHYUN CHEN

JACK MADDOX DISTINGUISHED ENGINEERING
CHAIR IN SUSTAINABLE ENERGY,
HORN DISTINGUISHED PROFESSOR

MOLECULAR THERMODYNAMICS, PHASE
EQUILIBRIA, PROCESS MODELING



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BIOCHEMICAL ENGINEERING



MAHDI MALMALI

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REACTION AND SEPARATION
PROCESSES, WATER RECYCLE AND
REUSE, PROCESS INTENSIFICATION

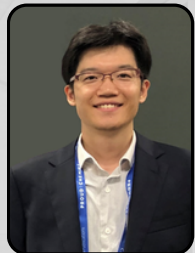


ROLAND FALLER

DEAN

EDWARD E. WHITACRE JR. COLLEGE OF
ENGINEERING

MOLECULAR SIMULATIONS,
BIOPHYSICS



WENSHUO HU

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KINETICS AND TRANSPORT,
ARTIFICIAL INTELLIGENCE



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FLUID AND GRANULAR FLOWS,
HIGH SPEED IMAGING



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ASSISTANT PROFESSOR

COMPUTATIONAL ELECTROCATALYSIS
AND MACHINE LEARNING



RAJESH KHARE

WHITACRE DEPARTMENT CHAIR, PROFESSOR

MOLECULAR SIMULATIONS,
RHEOLOGY OF COMPLEX FLUIDS,
SEPARATIONS, LAYERED SYSTEMS



CASEY O'BRIEN

ASSOCIATE PROFESSOR

GAS SEPARATION MEMBRANES,
HETEROGENEOUS CATALYSIS,
IN-SITU AND OPERANDO
SPECTROSCOPY, PLASMA CATALYSIS

DANNY REIBLE

DONOVAN MADDOX DISTINGUISHED
ENGINEERING CHAIR AND DIRECTOR OF
WATER RESOURCES CENTER

Fate and behavior of contaminants
in the natural environment



SIVA A. VANAPALLI

PROFESSOR, BRYAN PEARCE BAGLEY
REAGENTS CHAIR IN ENGINEERING

MICROFLUIDICS, MECHANICS OF
CELLS AND BIOPOLYMERS,
COLLOIDAL ASSEMBLY



MARK W. VAUGHN

ASSOCIATE PROFESSOR

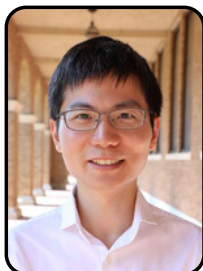
NITRIC OXIDE IN MICROCIRCULATION,
MEMBRANE TRANSPORT



MIXIANG 'GLENN' ZENG

ASSISTANT PROFESSOR

ADVANCED MANUFACTURING,
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