



Mr. Joe Glaz



Ms. Peg Sullivan



Prof. Boris Khusid



Ms. Barbara Valenti



Prof. Harry Kountouras



Prof. Herli Surjanhata



Prof. Albert Narh



Prof. Joga Rao



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Welcome to the Mechanical Engineering

Winter Open House Tours

Sunday, February 26, 2006
1:00 P.M.—3:30 P.M.

Mechanical Engineering
Center
Room 221



Mechanical Engineering Center



Prof. William Van Buskirk,
Acting Chair of the Mechanical
Engineering Department



Prof. Pasquale Florio, Associate
Chair for Undergraduate Studies

Academic Fair

11:00 am—1:00 pm
Campus Center

**Prof. Pasquale Florio,
Prof. Boris Khusid, Prof. Albert Narh,
Prof. Joga Rao, Ms. Peg Sullivan**

**ME Undergraduate students Ervin Beloni,
Jason Menegus and students of ASME,
SAE, Pi Tau Sigma and Honors College**

Mechanical Engineering

Fall Open House Tours

MEC 221

1:00 pm—2:15 pm

Repeated

2:15 pm—3:30 pm

- **Welcome by Prof. Pasquale Florio,
Associate Chair of the Mechanical
Engineering Department**
- **Introduction to ME
By Harry Kountouras**
- **ME Laboratory Tour with
demonstrations**
**Tour guides: Prof. Harry
Kountouras and Ms. Barbara Valenti**

Tour of ME Laboratories

2nd floor of MEC

MEC 219: Computer Aided Design Lab
See How Mechanical Engineers Use Com-
puters In Design

Herli Surjanhata

MEC 214: Instrumentation Lab
Measurement of Rotation Speed; Signal
Filtration; Thermometry; Programmable
Logic Control Trainer; Torque
Measurement of Bending and Torsion

Joga Rao

MEC 232: Materials & Process Lab
Metal microstructures, heat treatment of
metals, measuring instruments and preci-
sion/computerized machining processes

Albert Narh

1st floor of MEC

MEC 110: Thermodynamics/Fluids Lab
Air Conditioning and Refrigeration; Wind
tunnel; Convective Heat Transfer Appara-
tus; Transient Heat Flow; Flow rate meas-
urement; Shell/Shell Heat Exchanger

Water tunnel; Laser Doppler Veloci-
metry; Hydraulic Turbine; Centrifugal
Pumps; Gear Pump

Boris Khusid

MEC 114: Engine Lab

Run a computerized performance test on
a 4-cylinder automobile engine using a
dynamometer in the Internal Combustion
Engine Laboratory

Joe Glaz