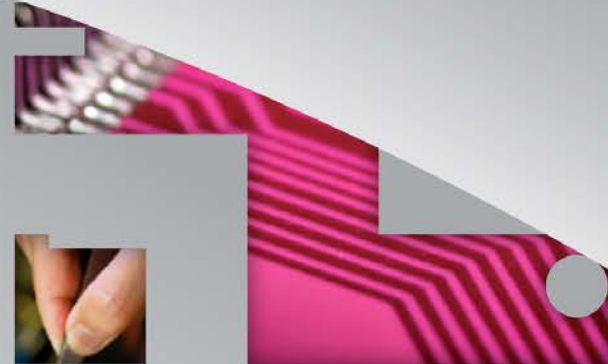


# State of the Department

DR. RAMA CHELLAPPA,  
CHAIR

RESPONDING TO THE TECHNOLOGY NEEDS OF THE STATE, THE NATION, AND THE GLOBAL COMMUNITY



A. JAMES CLARK  
SCHOOL OF ENGINEERING

# University News

- **Budget situation**
  - Projected FY 17 State of MD deficit \$500 million.
  - May translate into 1 million cut for the college
  - 150k cut to department's base funding
- **Pat O'Shea moving on**
  - Interim VPR: Prof. Amitabh Varshney
- **The Hotel construction and other apartment construction are coming along on route 1**
- **Irebe Center and Computer Science building groundbreaking done in Spring.**



# College News

- Graduating class largest class in Spring 16.
- Clark Hall coming up



# ECE News - 1

- ENEE 307 construction completed
- ENEE 428 Lab will be renovated in summer 2017
  - Thanks to Paul Gaske, Charles Barnett and Hughes
- John Baras: Selected to receive the IEEE Simon Ramo Medal
- Alireza Khaligh: College Teaching Award for Junior faculty
- Rama Chellappa elected as a Distinguished University Professor, Distinguished Alumni of IISc, and received the Leadership Award from the IEEE Biometrics Council.
- Tom Antonsen received the IEEE John R. Pierce Award for Excellence in Vacuum Electronics, the top honor of the IEEE Vacuum Electronics Society



# ECE news - 2

- New staff hires (Kara Stamets)
- Successful fall career fair
  - Google came!
- Six faculty members put up for promotion



# ECE news - 3

- Search underway for hiring three assistant professors
  - Microelectronics
  - Computer engineering
  - Communications
  - Jt. Search with CS in cybersecurity
- ABET is coming
- Strategic Plan 2025
  - Open to general discussions after lunch



# UG education

- ENEE 101 – a great success
- Courses on antenna design, RF circuits and EM compatibility, electric cycle, machine learning
- More involvement with companies
- Integration of design ideas into curriculum
- EE at Southern Maryland
  - Will start in FY 17
- Mixed signals and embedded systems program at Shady Grove
  - FY 2019



# Graduate education

- Drop in Ph.D. applications is a concern
- Reduction in applications from China in signal processing area
- Application fee waiver
- Web-based open house
- M.S., Ph.D. students getting great offers
- ENTS program going strong
- More from Prof. Ankur Srivastava





# Challenges

- Potential budget cuts
- Funding uncertainties due to new administration taking over in a few weeks
  - Expected cuts in energy-related research
  - Potential cuts to state budgets (Medicaid, Medicare)

