

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**
 - 2% cut in base funding in FY 16. More cuts may come due to supreme court ruling on MD taxes.
 - On top of 1.5% cut and 2 furlough days in FY 15
- **Hiring freeze - relaxed**
- **Limits on discretionary spending, travel - less stringent**



College News

- Graduated the largest class in Spring 15.
- Search for Bioengg. Chair
- Overall College yield dropped from 40% (2014) to 35% (2015)
- Overall College entering freshmen dropped from 751 (2014) to 629 (2015). May go upto 636.
 - Reduction in yield from 40% to 35% - national trend.



ECE News

- Career fair, women in engg. forum, graduation reception in spring
- Undergraduate enrollment 950
- Confirmed entering freshmen 127 (less by 20 from last year) – highest in the college. ME 92 (less by 22), BioE 91 (less by 5)
- Computer engg. minor approved
- ENEE 101 approved. Lab renovation underway (Sponsored by TI)
- Graduate enrollment 600+
- ENTS Networking Lab established.
- Two potential senior hires in quantum computing (Jt. With Physics) and cybersecurity (Jt. With CS and UMIACS).
- Embedded systems course offering –summer 2015.
- EE at Southern Maryland
 - Will start in FY 16
- Mixed signals and embedded systems program at Shady Grove
 - FY 2018



Faculty honors/awards

- Mohamed Hafezi – Sloan Fellowship (First ever), ONR Young Investigator Award.
- Dana Dachman-Soled – NSF CAREER Award, Ralph E. Powe Junior Faculty Enhancement Award from ORAU
- Jeremy Munday – OSA Lomb Medal, IEEE Photonics Society Young Investigator Award
- Prof. Alireza Khaligh promoted to Associate Professor rank with tenure
- Prof. Rajeev Barua promoted to the Full Professor rank



Challenges

- Research \$\$ are going down.
- Reduction in budget
- Space constraints
- Improving diversity
- Microelectronics area
- Improve 5, 6-year graduation rates at undergraduate level.
- Reduce the time to graduation for Ph.D. students.



2015 ECE Graduation Celebration

