GRADUATE STUDIES

December 9, 2016

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New Multi-Year Financial Offers

	GSR
Year 1	Fellow/Half-GRA
Year 2	GRA
Year 3	GRA or GTA
Year 4	GRA or GTA

	GST
Year 1	Fellow/Half-GTA
Year 2	GRA or GTA
Year 3	GRA or GTA

	GTA
Year 1	GTA
Year 2	GRA or GTA

- Fellowship offer with matching support **(GSR)** can be a **three-year** guaranteed offer or **four-year** offer if advisor commits year two GRA support.
- Fellowship offer without matching support **(GST)** is a **three-year** guaranteed offer.
- Teaching assistantship **(GTA)** is a **two-year** guaranteed offer.

Financial Offers

Total Offers

	1508	1608 (1st round)	1608 (2nd round)
Total	112	84	91
Accepted	37	30	35
Yield	33%	36%	38%

Offers with Matching GRA support

	1508	1608
Total	37	30
Accepted	16	13
Yield	43%	43%

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Visit Day

In-person Event – Domestic Student Focus

16 Total Attendees		
8 outside DMV area	2 Local, non-UMCP	6 UMCP

10 Total Acceptances		
5 outside DMV area	2 Local, non-UMCP	3 UMCP

NEW! Virtual Faculty Panel Event – Targeted to International Students Offered Financial Aid

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Visit Day

Virtual Panel Recording: http://ter.ps/visitday2016

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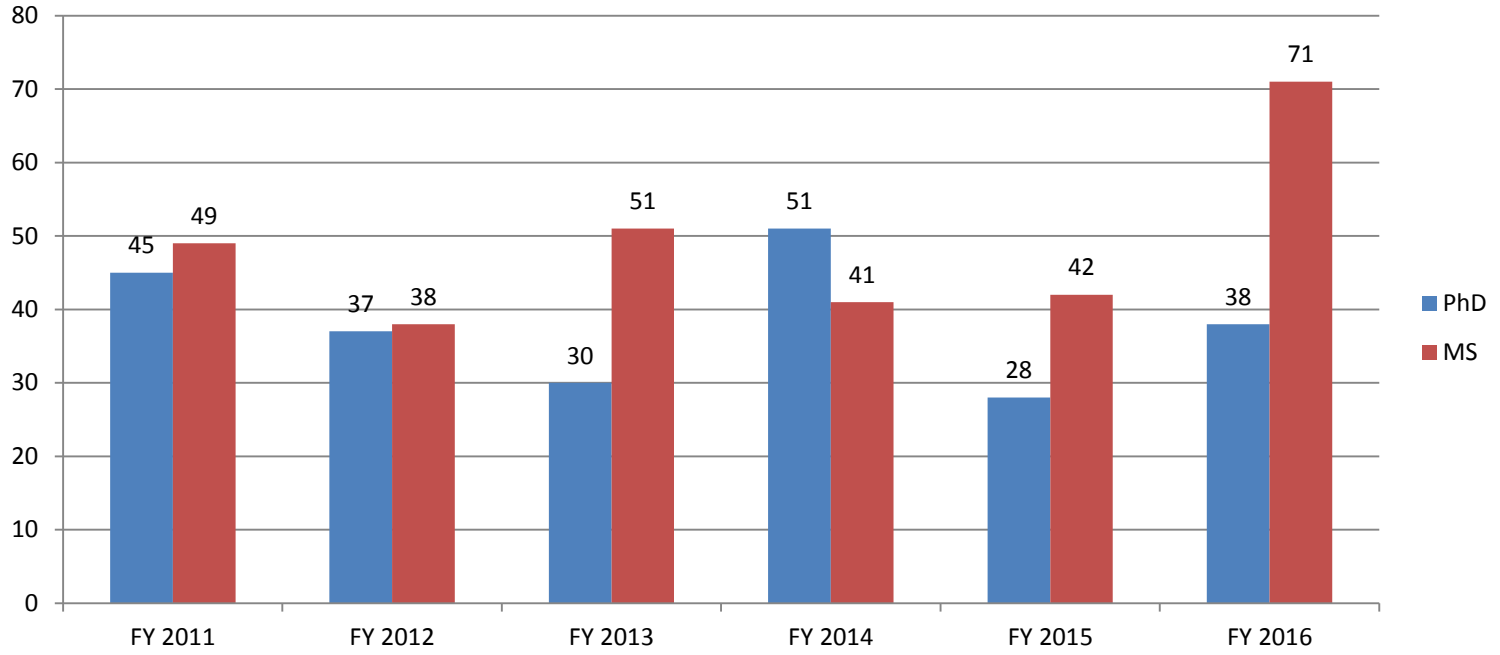
Degrees Granted



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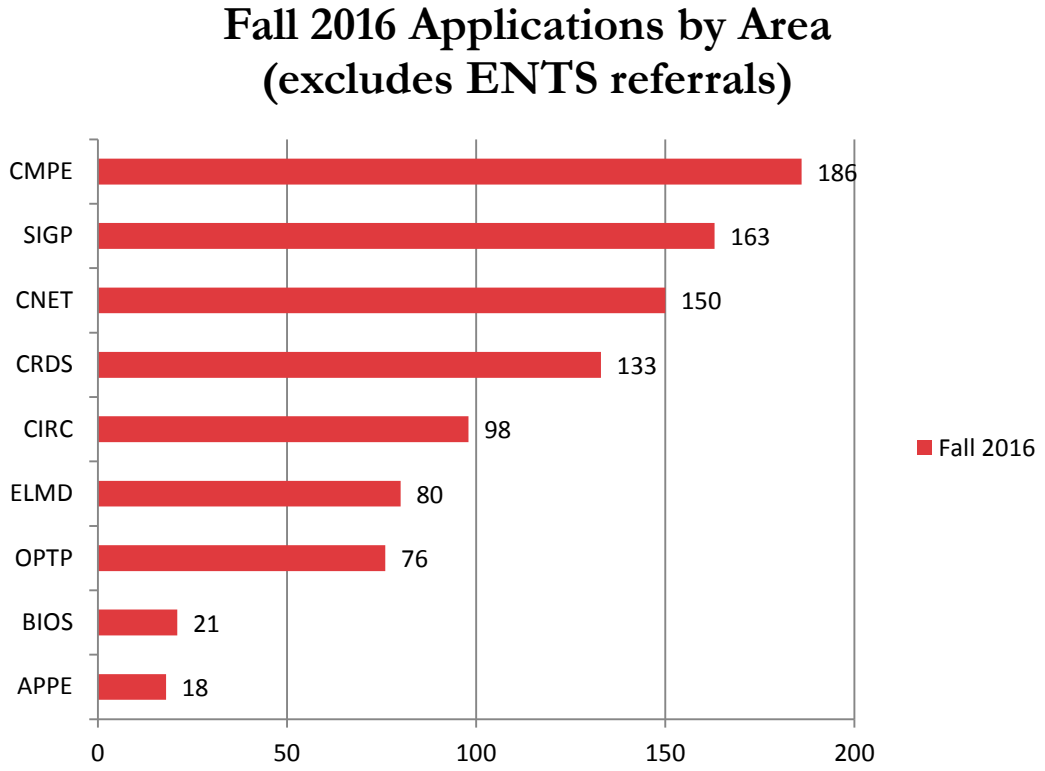
Fall 2016 Applications

- PhD Applications: 341
- MS Applications: 882
  - 293 referred to ENTS



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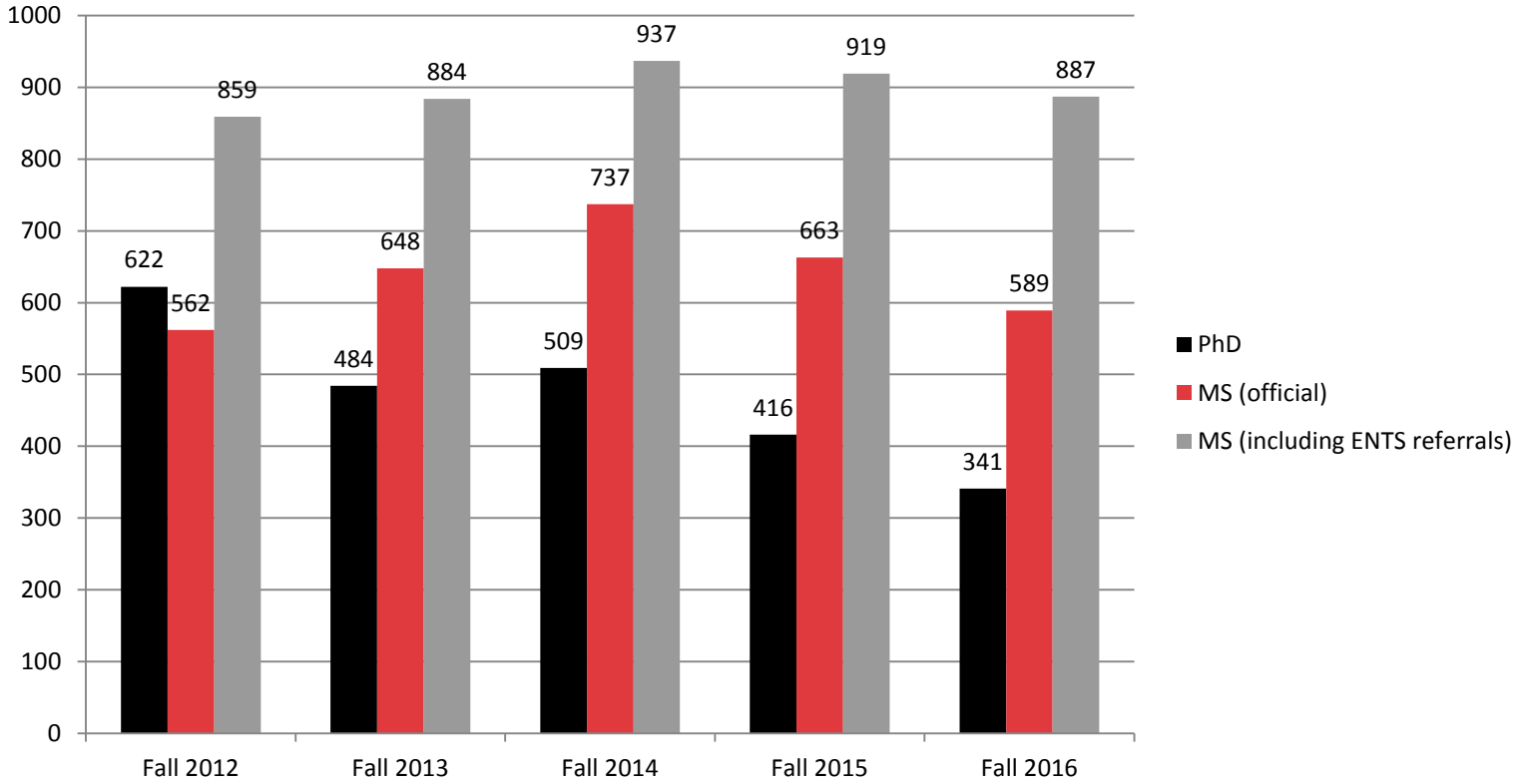
MS, PhD Applications



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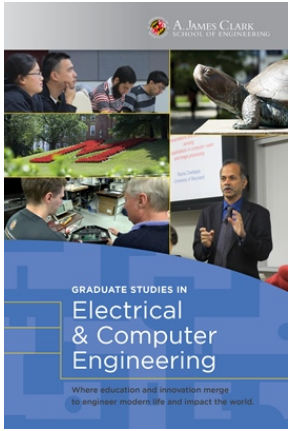
Market Analysis

Compared admission and enrollment details with our peer institutions and other BIG10 universities to ensure we are competitively aligned.

Actions Taken

- **Revamped Financial Offers**
- **Adjusted Priority Deadline from Dec. 1 to Dec. 16**
- **Waived Ph.D. Application Fee**
- **Increased Recruitment Efforts**
  - New brochure
  - Virtual emphasis



New ECE Brochure

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Open House – Oct. 2016

Hosted at and live streamed via the Seigel Learning Center

- 18 Local RSVPs
- 157 Virtual RSVPs
- 400+ Clicks

Professionally Produced & Recorded:

go.umd.edu/ece-open-house16

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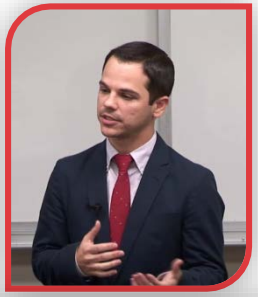
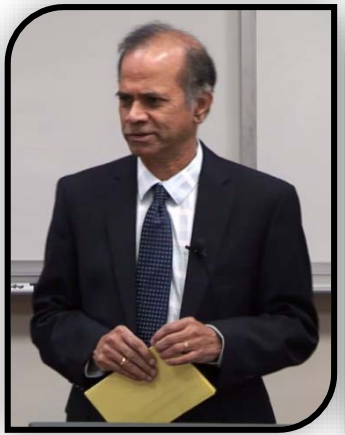
Open House – Oct 2016

Open House Agenda

- Welcome & Dept. Overview
- ECE Faculty Panel
- ECE Student Panel
- Submitting a Competitive Application Presentation





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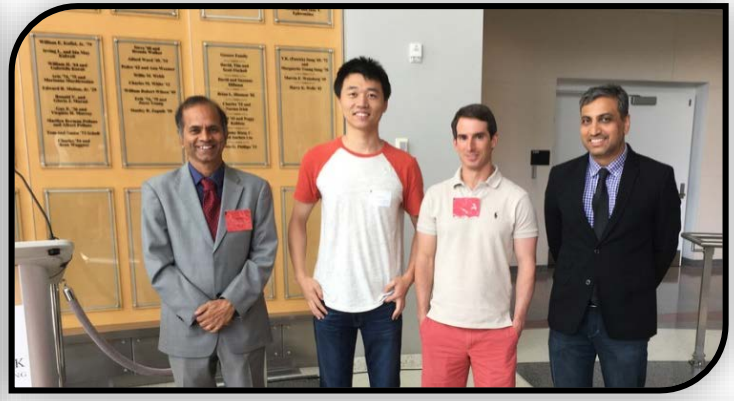
Welcome & Awards Ceremony



Awards Recognized

- ECE Distinguished Dissertation Award
- Dean's Research Award
- Outstanding GA Award
- Northrop Grumman Scholarship
- Cisco Scholarship
- Leidos Scholarship
- Future Faculty Program

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New Graduate Courses

In fall 2016, we surveyed our graduate students about the department's course offerings. **67 students** responded. Topics requested included:

- **neural signal processing**,
- **machine learning,**
- **embedded systems**, and
- **power electronics**.

We are continually developing new courses.

ENEE759G: Unsupervised Learning

ENEE657: Computer Security

ENEE759V: Embedded Systems

ENEE769X: Population Games and Evolutionary Dynamics

ENEE729X: Concentration of Measure for Functions of Random Variables

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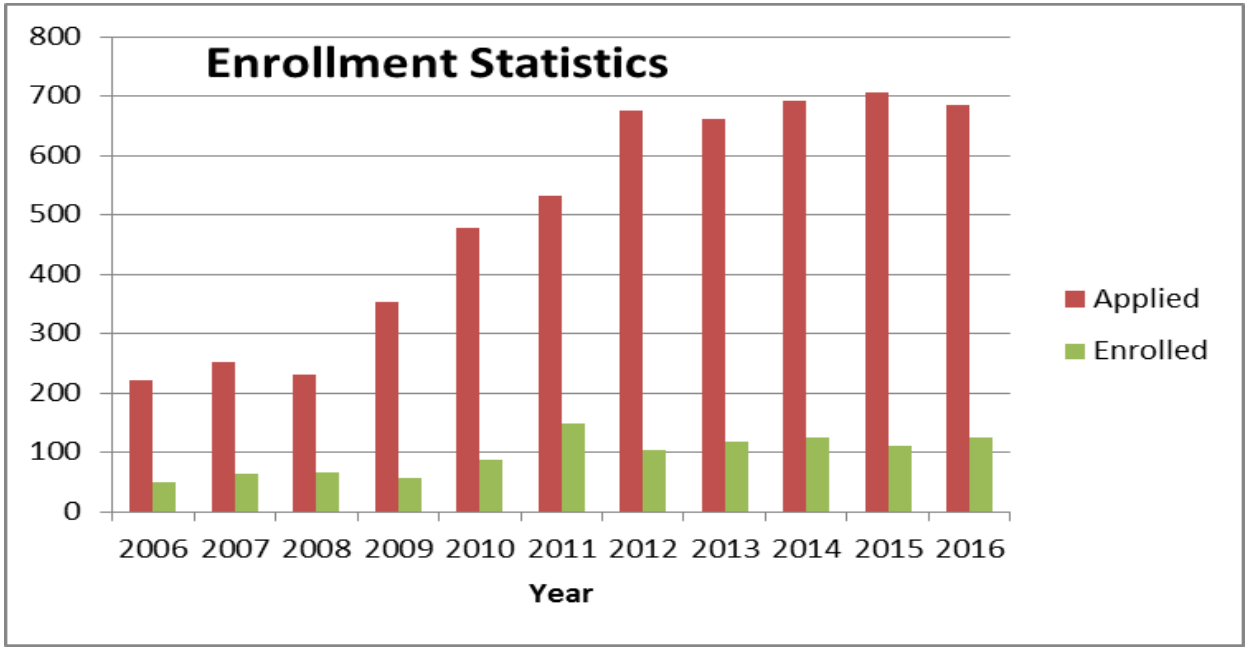
MS in Telecommunications



Recent enrollment:

Spring 2016:
- **12** new students

Fall 2016:
- **113** new students

Total for 2016:
- **125** new students

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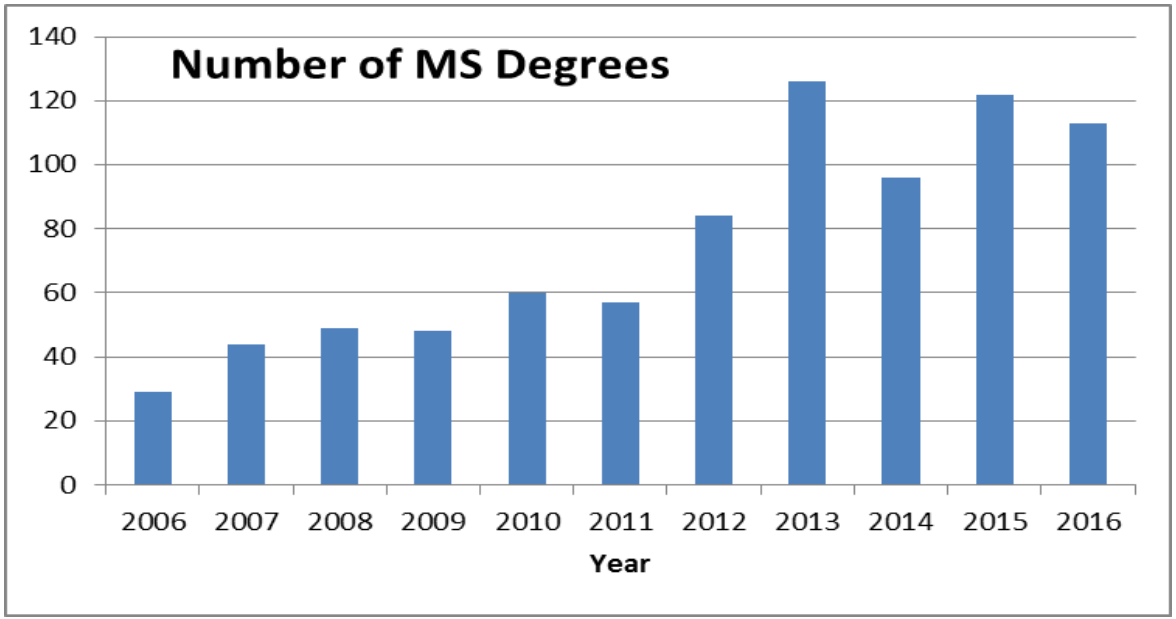
Degrees Awarded



Recent graduation stats:

Spring 2016:
- **98** MS degrees awarded

Summer 2016:
- **4** MS degrees awarded

Fall 2016 (expected):
- **11** MS degrees awarded (Expected)

Total for 2016 (expected):
- **113** MS degrees

New Initiatives

Elective/special topics courses

- Embedded Systems
- Internet of Things
- Linux system administration and server virtualization
- Information systems security

Certificate Programs

- Topics:
  - Computing Systems
  - Computer Networking
  - Networking Software Development
  - Wireless Communications
- Certificate program in Computer Networking has already been approved
- Other programs are being prepared