GRADUATE STUDIES

December 8, 2017

DEPARTMENT OF
ELECTRICAL &
COMPUTER ENGINEERING

UNIVERSITY OF MARYLAND
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**
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 PhD Offers

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<tr>
<th></th>
<th>1508</th>
<th>1608</th>
<th>1708</th>
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</thead>
<tbody>
<tr>
<td>Offers Made</td>
<td>112</td>
<td>91</td>
<td>104</td>
</tr>
<tr>
<td>Accepted</td>
<td>37</td>
<td>35</td>
<td>34</td>
</tr>
<tr>
<td>Yield</td>
<td>33%</td>
<td>38%</td>
<td>33%</td>
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#### Offers with Matching GRA Support

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<th>1608</th>
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</thead>
<tbody>
<tr>
<td>Offers Made</td>
<td>37</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Accepted</td>
<td>16</td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Yield</td>
<td>43%</td>
<td>43%</td>
<td>30%</td>
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Country

Fall 2017 Financial Offers

- **Bangladesh**: 4%
- **China**: 34%
- **Egypt**: 2%
- **Greece**: 1%
- **India**: 11%
- **Iran**: 5%
- **Japan**: 1%
- **Nepal**: 1%
- **Pakistan**: 1%
- **Romania**: 1%
- **South Korea**: 1%
- **Sri Lanka**: 3%
- **Taiwan**: 3%
- **Turkey**: 3%
- **USA**: 31%
ECE Distinguished Dissertation Award

Abbas Kazemipour
Nonlinear Dynamical Models for Compressive Projection Microscopy: Theory and Practice
Co-advised by Profs. Wu and Babadi

V. Praneeth Boda
Sampling Rate Distortion
Advised by Prof. Narayan

Chongxi Bao
Hardware Attacks and Mitigation Techniques
Advised by Prof. Srivastava

Ahmed Arafa
Energy Harvesting Communication Networks with System Costs
Advised by Prof. Ulukus

Andrew Berkovich
Biologically Inspired Low-Light CMOS Vision Systems
Advised by Prof. Abshire
Fall 2017:
231 direct applicants.

Fall 2016:
344 direct applicants.
Recent graduation stats:

Spring 2016:
• 98 MS degrees awarded

Summer 2016:
• 4 MS degrees awarded

Fall 2016:
• 11 MS degrees awarded

Spring 2017:
• 100 MS degrees awarded

Fall 2017:
• 11 MS degrees awarded
New Initiatives

Elective/special topics courses
- Machine Learning
- Embedded Systems
- Network Protocol Testing Lab
- Software Defined Networking

Certificate Programs
Approval process:
- Approved by UMD Board of Regents:
  - Computer Networking
- Approved by UMD Senate PCC:
  - Computing Systems
  - Networking Software Development
  - Wireless Communications