### 18 Characteristics of Texas Public Doctoral Programs

- **Texas A&M University**
- Programs included only if in existence 3 or more years. Program is defined at the 8-digit CIP code level.

#### Nuclear Engineering

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**Contact Phone Number:** 458-2072

#### Number of Degrees Per Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2014</td>
<td>8</td>
</tr>
<tr>
<td>2014-2015</td>
<td>13</td>
</tr>
<tr>
<td>2015-2016</td>
<td>21</td>
</tr>
</tbody>
</table>

#### Graduation Rates

**Starting Cohorts:** 2004-2006

- Three-year average of the percent of first-year doctoral students who graduated within ten years.
- First-year doctoral students: Those students who have been coded as doctoral students by the institution and have either completed a master's program or at least 30 SCH towards a graduate degree.

- **% Graduating within 10 Years:** 70%
- **Years with Cohort greater than 0:** 2004, 2005, 2006

#### Average Time to Degree

**Students Starting 2004-2006**

- Three-year average of the registered time to degree of first-year doctoral students within a ten year period.
- Registered time to degree: The number of semesters enrolled starting when a student first appears as a doctoral student until she completes a degree, excluding any time taken off during graduate study. The number of years is obtained by dividing the number semesters by three.

- **Average Years to Degree:** 4.7

#### Employment Profile

**Employed (in field within one year of graduation).** For each of the three most recent years, the number and percent of graduates by year employed, those still seeking employment, and unknown.

<table>
<thead>
<tr>
<th>Year</th>
<th>Employed</th>
<th>Still Seeking Employment</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
</tr>
<tr>
<td>2013-2014</td>
<td>7</td>
<td>88%</td>
<td>0</td>
</tr>
<tr>
<td>2014-2015</td>
<td>10</td>
<td>77%</td>
<td>2</td>
</tr>
<tr>
<td>2015-2016</td>
<td>18</td>
<td>86%</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Admissions Criteria

- Standard admission criteria to Graduate Program and successfully passing the Doctoral Qualifying Exam administered by the department.

#### Percentage Full-time Students

**FTS/number of students enrolled for the last three fall semesters.**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall 2013</th>
<th>Fall 2014</th>
<th>Fall 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>83.8%</td>
<td>83.9%</td>
<td>80.0%</td>
</tr>
</tbody>
</table>

#### Average Institutional Financial Support Provided

- For those receiving financial support, the average monetary institutional financial support provided per full-time graduate student for the prior year, from assistantships, scholarships, stipends, grants, and fellowships. Does not include tuition or benefits.

- **Average Institutional Financial Support Provided:** $25,300.84
### Percentage Full-Time Students with Institutional Financial Support

In the prior year, the number of full-time students with at least $1,000 of annual support/the number of full-time students = 83%

### Number of Core Faculty

Number of core faculty in the prior year = 19

### Student-Core Faculty Ratio

Three-year average of full-time student equivalent (FTSE)/three-year average of full-time faculty equivalent (FTFE) of core faculty.

Core Faculty: Full-time tenured and tenure-track faculty who teach 50 percent or more in the doctoral program or other individuals integral to the doctoral program who can direct dissertation research.

### Core Faculty Publications

Three-year average of the number of discipline-related refereed papers/publications, books/book chapters, juried creative/performance accomplishments, and notices of discoveries filed/patents issued per year per core faculty member.

### Core Faculty External Grants

Three-year average of the number of core faculty receiving external funds, average external funds per faculty, and total external funds per program per academic year. All external funds received from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.

- **Average of the Number of Core Faculty receiving External Grants**: 15
- **Average External Funds per Faculty**: $880,400
- **Total External Funds**: $13,200,600

### Faculty Teaching Load

Total number of semester credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty in the prior year.

### Core Faculty by Ethnicity and Gender

- **White**
  - Male: 12
  - Female: 1
- **Black**
  - Male: 0
  - Female: 0
- **Hispanic**
  - Male: 0
  - Female: 0
- **Other**
  - Male: 3
  - Female: 0

### Student Diversity

Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program in the prior year.

- **Fall 2015**
  - **White**
    - Male: 39
    - Female: 7
  - **Black**
    - Male: 2
    - Female: 1
  - **Hispanic**
    - Male: 10
    - Female: 3
  - **Other**
    - Male: 25
    - Female: 3

### Date of Last External Review

Date of last formal external review, updated when changed.

- **Spring 2015**

### External Program Accreditation

Name of body and date of last program accreditation review, if applicable, updated when changed.

- **Nuclear Engineering Academic Program Review**

### Student Publications/Presentations

For the three most recent years, the number of discipline-related refereed papers/publications, juried creative/performance accomplishments, book chapters, books, and external presentations per year by student FTE.

- **1.40**
<table>
<thead>
<tr>
<th>Notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The sum of #14 (Faculty Diversity) could be less than #9 (Number of Core Faculty) if some faculty have chosen to keep their information confidential.</td>
</tr>
<tr>
<td>Excluding the distance education students, whom will be included starting from the next year</td>
</tr>
</tbody>
</table>