# College of Agriculture, Food and Environment

# 2016-2017 Department of Horticulture **Departmental Report**

### 2016-2017 Degrees Awarded

|                                      | Total | Female | Male   | Minority  | African  | 7                                       |
|--------------------------------------|-------|--------|--------|-----------|----------|---|
|                                      | TOLAI | remale | Iviale | wintority | American | Degrees awarded and enrollment data are |
| Hort/Agronomy & Plant Science BS     | 10    | 3      | 7      | 0         | 0        | between the PSS and HORT department.    |
| Crop Science MS                      | 0     | 0      | 0      | 0         | 0        |   |
| Crop Science PhD                     | 0     | 0      | 0      | 0         | 0        |   |
| Integrated Plant & Soil Sciences MS  | 6     | 2      | 4      | 0         | 0        | 7                                       |
| Integrated Plant & Soil Sciences PhD | 0     | 0      | 0      | 0         | 0        |   |
| Plant & Soil Science MS              | 0     | 0      | 0      | 0         | 0        | 7                                       |
| Plant Physiology PhD                 | 4     | 1      | 3      | 0         | 0        | 7                                       |
| Soil Science PhD                     | 3     | 2      | 1      | 0         | 0        | 7                                       |
| Total                                | 23    | 8      | 15     | 0         | 0        |   |

#### 2016-2017 Enrollment (majors)

|                                      | Total | Female | Male   | Minority | African  |
|--------------------------------------|-------|--------|--------|----------|----------|
|                                      | TOTAL | Female | Iviale | WINDING  | American |
| Hort/Agronomy & Plant Science BS     | 41    | 14     | 27     | 2        | 0        |
| Crop Science MS                      | 0     | 0      | 0      | 0        | 0        |
| Crop Science PhD                     | 3     | 0      | 3      | 0        | 0        |
| Crop Science Post-doc                | 0     | 0      | 0      | 0        | 0        |
| Integrated Plant & Soil Sciences MS  | 23    | 11     | 12     | 1        | 0        |
| Integrated Plant & Soil Sciences PhD | 33    | 12     | 21     | 0        | 0        |
| Plant & Soil Science MS              | 0     | 0      | 0      | 0        | 0        |
| Plant & Soil Science Post-doc        | 7     | 3      | 4      | 0        | 0        |
| Plant Physiology PhD                 | 6     | 2      | 4      | 0        | 0        |
| Plant Physiology Post-doc            | 3     | 1      | 2      | 0        | 0        |
| Soil Science PhD                     | 3     | 2      | 1      | 0        | 0        |
| Soil Science Post-doc                | 0     | 0      | 0      | 0        | 0        |
| Total                                | 119   | 45     | 74     | 3        | 0        |

#### 2016-2017 Attempted/Earned Student Credit Hours

|                     | Total | Fall  | Spring | Summer | Inst. SCH includes all student credit hours associated with |     |
|---------------------|-------|-------|--------|--------|---|-----|
| Attempted Inst. SCH | 1,328 | 755   | 537    | 36     | instructors budgeted in the HORT department, regardless of  | Afı |
| Earned Inst. SCH    | 1,274 | 730   | 508    | 36     | where the course is listed. Dept. SCH includes all student  | Asi |
| % Earned Inst. SCH  | 95.9% | 96.7% | 94.6%  | 100.0% | credit hours associated with courses listed in the PSS      | His |
| Attempted Dept. SCH | 3,421 | 1,927 | 1,491  | 3      | department, regardless of who teaches the course (to remain | Na  |
| Earned Dept. SCH    | 3,236 | 1,810 | 1,423  | 3      | consistent with prior year reports).                        | Otl |

### Research Faculty with Formula Funded Projects as of 6/15

| 25% or higher research DOE | 8    |
|----------------------------|------|
| Active Project             | 8    |
| Percentage                 | 100% |

#### 2016-2017 Fiscal Year Grants

| Direct Awards         | \$1,124,464 |
|-----------------------|-------------|
| Federal Competitive   | \$140,654   |
| % Federal Competitive | 13%         |
| Collaborative         | \$509,776   |

#### 2016 Calendar Year Publications

| 17 |
|----|
| 3  |
| 21 |
|    |

| 2016 Calendar Year Patents | 0 |
|----------------------------|---|
|                            |   |

### **Direct Awards Five-Year Trend**

| 2012-2013   | 2013-2014   | 2014-2015   | 2015-2016 | 2016-2017   |
|-------------|-------------|-------------|-----------|-------------|
| \$1,657,011 | \$1,664,766 | \$1,572,989 | \$854,489 | \$1,124,464 |

### **Grant Expenditures Five-Year Trend**

| 2012-2013   | 2013-2014   | 2014-2015   | 2015-2016   | 2016-2017   |
|-------------|-------------|-------------|-------------|-------------|
| \$1,888,396 | \$1,662,565 | \$1,800,958 | \$1,403,368 | \$1,333,386 |

## Fiscal Year State Fund Balance Percentage Five-Year Trend

| 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|-----------|-----------|-----------|-----------|-----------|
| -5.62%    | -4.25%    | 0.62%     | -0.49%    | 2.14%     |

#### 2016-2017 Direct Awards/Faculty Ratio

|         | FT Faculty (head count) | FTE Research Faculty |
|---------|-------------------------|----------------------|
|         | 14                      | 5.18                 |
| Total   | \$1,124,464             | \$1,124,464          |
| Average | \$80,318.86             | \$217,077.99         |

### **Degrees Awarded Five-Year Trend**

| lment data are shared |                                      | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
| department.           | Hort/Agronomy & Plant Science BS     | 8         | 7         | 8         | 14        | 10        |
|                       | Crop Science MS                      | 6         | 4         | 2         | 1         | 0         |
|                       | Crop Science PhD                     | 3         | 2         | 3         | 2         | 0         |
|                       | Integrated Plant & Soil Sciences MS  | 5         | 4         | 6         | 8         | 6         |
|                       | Integrated Plant & Soil Sciences PhD | 0         | 0         | 1         | 1         | 0         |
|                       | Plant & Soil Science MS              | 5         | 6         | 2         | 0         | 0         |
|                       | Plant Physiology PhD                 | 5         | 2         | 4         | 2         | 4         |
|                       | Soil Science PhD                     | 2         | 7         | 1         | 3         | 3         |
|                       | Total                                | 34        | 32        | 27        | 31        | 23        |
|                       |                                      |           |           |           |           |           |

## Enrollment (majors) Five-Year Trend

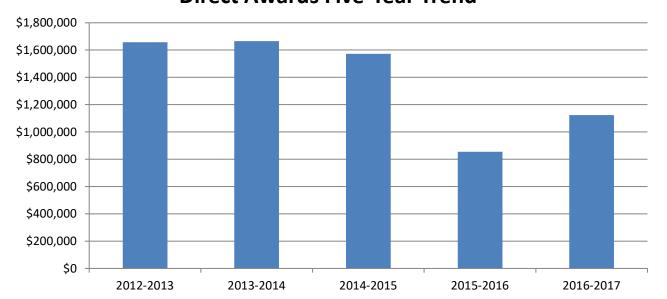
|                                      | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Hort/Agronomy & Plant Science BS     | 43        | 53        | 45        | 55        | 41        |
| Crop Science MS                      | 4         | 6         | 2         | 0         | 0         |
| Crop Science PhD                     | 13        | 9         | 7         | 4         | 3         |
| Crop Science Post-doc                | 12        | 2         | 13        | 1         | 0         |
| Integrated Plant & Soil Sciences MS  | 25        | 16        | 26        | 25        | 23        |
| Integrated Plant & Soil Sciences PhD | 2         | 9         | 15        | 24        | 33        |
| Plant & Soil Science MS              | 0         | 10        | 0         | 0         | 0         |
| Plant & Soil Science Post-doc        | 0         | 13        | 0         | 11        | 7         |
| Plant Physiology PhD                 | 16        | 14        | 11        | 8         | 6         |
| Plant Physiology Post-doc            | 6         | 4         | 3         | 3         | 3         |
| Soil Science PhD                     | 17        | 13        | 10        | 9         | 3         |
| Soil Science Post-doc                | 2         | 1         | 2         | 0         | 0         |
| Total                                | 140       | 150       | 134       | 140       | 119       |

#### **KERS Faculty Contacts Five-Year Trend**

|             | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|-------------|-----------|-----------|-----------|-----------|-----------|
| African Am. | 594       | 346       | 531       | 552       | 243       |
| Asian Am.   | 341       | 383       | 391       | 498       | 212       |
| Hispanic    | 358       | 314       | 270       | 653       | 48        |
| Native Am.  | 16        | 46        | 19        | 9         | 15        |
| Other       | 7         | 30        | 105       | 21        | 9         |
| Total       | 17,443    | 17,636    | 18,318    | 27,377    | 16,032    |

| Number |
|--------|

| Total Fact Sheets |
|-------------------|
| Average           |



# CIP Codes 01.1102, 01.1199, 01.1199.01, 01.1201, 26.0307

## KERS Number of Faculty Success Stories Five-Year Trend

|  | 2012- | 2013- | 2014- | 2015- | 2016- |
|--|-------|-------|-------|-------|-------|
|  | 2013  | 2014  | 2015  | 2016  | 2017  |
|  | 2     | 4     | 10    | 5     | 4     |

## 2016-2017 Numbered Fact Sheets/Faculty Ratio

| Total FT Faculty | FTE Ext. Faculty |
|------------------|------------------|
| 14               | 4.53             |
| 22               | 22               |
| 1.57             | 4.86             |

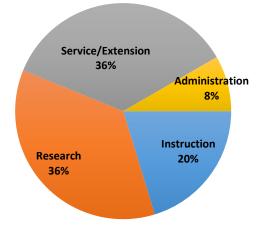
# **Direct Awards Five-Year Trend**

## Horticulture Faculty Snapshot FY 2017

| All HORT Faculty by Title Series |         |         |  |
|----------------------------------|---------|---------|--|
| Title Series                     | Faculty | Percent |  |
| Regular                          | 8       | 47%     |  |
| Extension                        | 5       | 29%     |  |
| Adjunct                          | 2       | 12%     |  |
| Lecturer                         | 1       | 6%      |  |
| Part Time                        | 1       | 6%      |  |
| Total                            | 17      | 100%    |  |

| Full Time Faculty by Rank |         |         |  |
|---------------------------|---------|---------|--|
| Rank                      | Faculty | Percent |  |
| Professor                 | 10      | 71%     |  |
| Associate                 | 2       | 14%     |  |
| Assistant                 | 1       | 7%      |  |
| Lecturer                  | 1       | 7%      |  |
| Total                     | 14      | 100%    |  |

# Average DOE



| All HORT Faculty by Full Time/Part Time Status |         |         |  |  |
|--|---------|---------|--|--|
| FT/PT Status                                   | Faculty | Percent |  |  |
| Full Time                                      | 14      | 82%     |  |  |
| Part Time                                      | 3       | 18%     |  |  |

| Full Time Faculty by Assignment Period |    |     |  |  |
|--|----|-----|--|--|
| Assignment Period Faculty Percent      |    |     |  |  |
| 12 month                               | 13 | 93% |  |  |
| 9 month                                | 1  | 7%  |  |  |

| Full Time Faculty Credentials |    |     |  |  |
|-------------------------------|----|-----|--|--|
| Credentials Faculty Percent   |    |     |  |  |
| Ph.D.                         | 13 | 93% |  |  |
| Master's                      | 1  | 7%  |  |  |

| Full Time Faculty by Tenure Status |    |     |  |
|------------------------------------|----|-----|--|
| Tenure Status Faculty Percent      |    |     |  |
| Tenured                            | 12 | 86% |  |
| Tenure Track                       | 1  | 7%  |  |
| Not Eligible                       | 1  | 7%  |  |

| Full Time Faculty by Race |         |         |  |  |
|---------------------------|---------|---------|--|--|
| Race                      | Faculty | Percent |  |  |
| White                     | 14      | 100%    |  |  |

| Full Time Faculty by Gender |         |         |  |
|-----------------------------|---------|---------|--|
| Gender                      | Faculty | Percent |  |
| Female                      | 2       | 14%     |  |
| Male                        | 12      | 86%     |  |

| Full Time Faculty by Age |         |         |  |
|--------------------------|---------|---------|--|
| Age                      | Faculty | Percent |  |
| 30-39                    | 1       | 7%      |  |
| 40-49                    | 1       | 7%      |  |
| 50-59                    | 3       | 21%     |  |
| 60-65                    | 6       | 43%     |  |
| >65                      | 3       | 21%     |  |

| Full Time Faculty by Years of Service |         |         |  |
|---------------------------------------|---------|---------|--|
| Years                                 | Faculty | Percent |  |
| 7-9                                   | 2       | 14%     |  |
| 10-12                                 | 1       | 7%      |  |
| 16-18                                 | 2       | 14%     |  |
| 19-21                                 | 1       | 7%      |  |
| 25-27                                 | 1       | 7%      |  |
| >30                                   | 7       | 50%     |  |