

## 2016 NPS QUICK FACTS

# AY2016 FACT BOOK

### ORGANIZATION LEADERSHIP

President: Vice Admiral Ronald A. Route, USN (Ret)  
 Provost: Dr. Steven R. Lerman  
 Vice Provost: Dr. Douglas Moses  
 Chief of Staff: Capt. Anthony J. Parisi, USN  
 Dean of Students: Capt. Matthew R. Vandersluis, USN  
 Dean of GSBPP: Dr. William Gates  
 Dean of GSEAS: Dr. Clyde Scandrett  
 Dean of GSOIS: Dr. Gordon McCormick  
 Dean of SIGS: Dr. James Wirtz  
 Dean of Research: Dr. Jeffrey Paduan  
 University Librarian: Eleanor Uhlinger

### STUDENTS AVERAGE ON BOARD

**1,479** Resident Degree Students  
**989** Distance Learning Degree Students  
**247** Certificate  
**Total Students: 2,715**

### TOTAL NUMBER OF DEGREES AWARDED

**1,342** Masters  
**15** Ph.D.  
**1** Engineer  
**Total: 1,358**

### NPS GRADUATES DEGREES CONFERRED BY SERVICE:

|                         |              |
|-------------------------|--------------|
| <b>U.S.</b>             |              |
| USN/R.....              | 456          |
| USA/R.....              | 136          |
| USAF.....               | 64           |
| USMC.....               | 141          |
| USCG/NOAA.....          | 8            |
| Civilian.....           | 410          |
| <b>U.S. Total.....</b>  | <b>1,215</b> |
| <b>Int'l</b>            |              |
| Army.....               | 55           |
| Air Force.....          | 11           |
| Coast Guard.....        | 1            |
| National Guard.....     | 1            |
| Navy.....               | 58           |
| Marine Corps.....       | 1            |
| Civilian.....           | 17           |
| <b>Int'l Total.....</b> | <b>143</b>   |
| <b>Grand Total.....</b> | <b>1,358</b> |

### FACULTY & STAFF

**223** Tenure Track Faculty  
**382** Non-Tenure Track Faculty  
**51** Military Faculty  
**345** GS/Wage Grade staff members

### RESEARCH

- Approx **\$100 million** in sponsored research funding
- Research programs are aligned to NPS curricula
- Research at NPS is valuable to improving the national security of the United States

### FINANCES

- **\$485 million** Operating budget:  
including military salary
- **\$86 million** Direct Authorization:  
without military salary
- **\$122 million** Reimbursable Income

### ACADEMIC FACILITIES

**100** classrooms that offer media technology  
**20** classrooms with video-conferencing  
**6** classified facilities

### ACCREDITATION

WASC Senior College and  
 University Commission (WSCUC)  
 Accreditation Board for Engineering  
 and Technology (ABET)  
 Association to Advance Collegiate  
 Schools of Business (AACSB)  
 Network of Schools of Public Policy,  
 Affairs, and Administration (NASPAA)

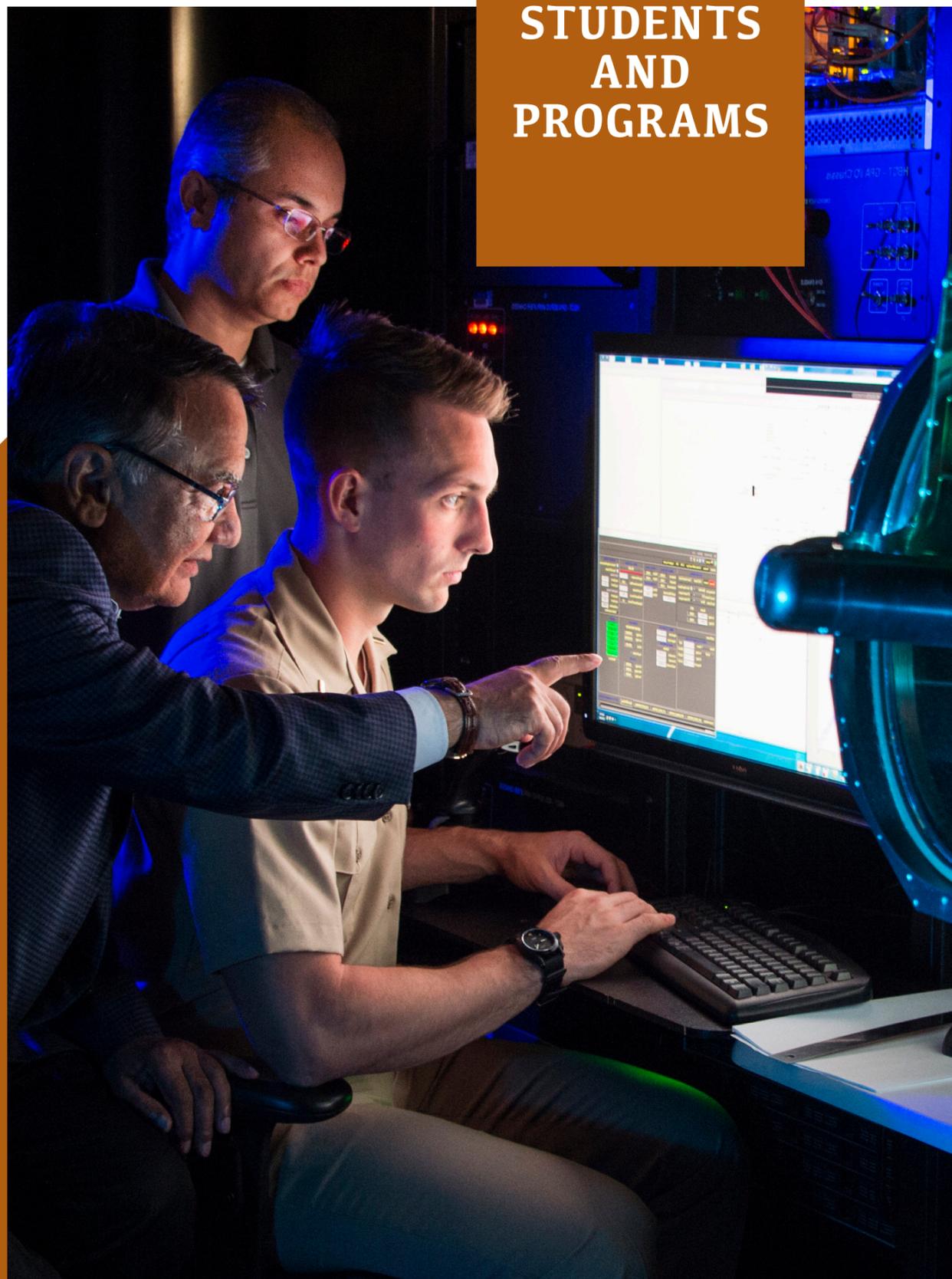


**INSTITUTIONAL RESEARCH,  
 REPORTING, AND ANALYSIS**  
 NAVAL POSTGRADUATE SCHOOL

IRRA@nps.edu • 1 University Circle, Monterey, CA 93943

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

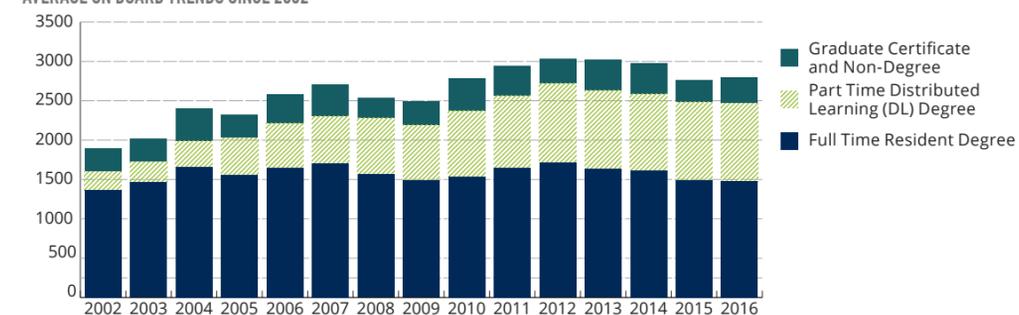
# STUDENTS AND PROGRAMS



## GRADUATE PROGRAM STUDENTS

### BY TYPE OF ENROLLMENT

AVERAGE ON BOARD TRENDS SINCE 2002

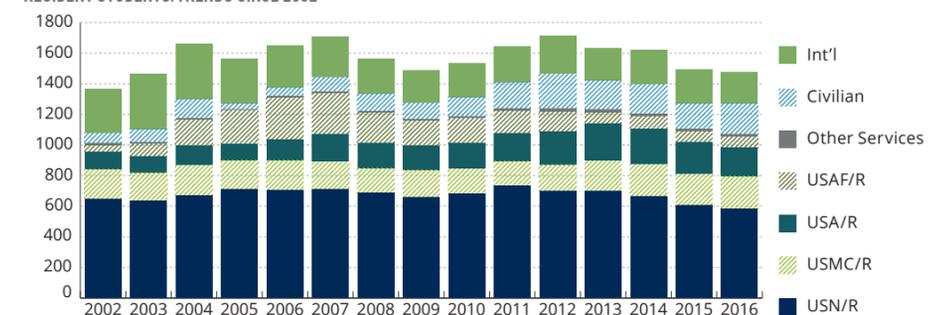


|  | 2002         | 2003         | 2004         | 2005         | 2006         | 2007         | 2008         | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Full Time Resident Degree                  | 1,366        | 1,464        | 1,660        | 1,563        | 1,649        | 1,707        | 1,565        | 1,487        | 1,536        | 1,647        | 1,712        | 1,633        | 1,616        | 1,494        | 1,479        |
| Part Time Distributed Learning (DL) Degree | 238          | 264          | 336          | 467          | 566          | 599          | 718          | 705          | 839          | 920          | 1,013        | 1,000        | 977          | 997          | 989          |
| Graduate Certificate and Non-Degree        | 287          | 289          | 410          | 293          | 368          | 398          | 249          | 304          | 414          | 377          | 307          | 385          | 385          | 276          | 326          |
| <b>Total</b>                               | <b>1,891</b> | <b>2,017</b> | <b>2,405</b> | <b>2,324</b> | <b>2,584</b> | <b>2,704</b> | <b>2,531</b> | <b>2,496</b> | <b>2,789</b> | <b>2,944</b> | <b>3,031</b> | <b>3,018</b> | <b>2,979</b> | <b>2,767</b> | <b>2,794</b> |

## AVERAGE ON BOARD STUDENT POPULATION

### BY SERVICE

RESIDENT STUDENTS/TRENDS SINCE 2002

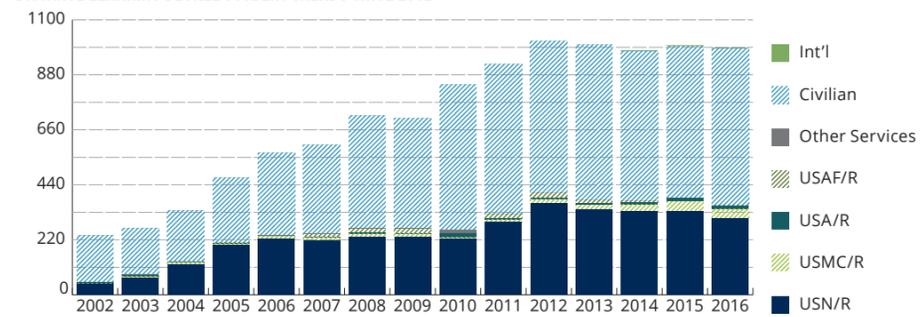


|                | 2002         | 2003         | 2004         | 2005         | 2006         | 2007         | 2008         | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| USN/R          | 648          | 636          | 671          | 709          | 702          | 708          | 685          | 660          | 681          | 731          | 700          | 698          | 666          | 606          | 581          |
| USMC/R         | 195          | 186          | 198          | 192          | 201          | 183          | 163          | 178          | 164          | 165          | 173          | 199          | 207          | 205          | 213          |
| USA/R          | 115          | 106          | 126          | 110          | 134          | 179          | 163          | 157          | 165          | 182          | 216          | 242          | 231          | 207          | 187          |
| USAF/R         | 43           | 80           | 172          | 217          | 274          | 269          | 201          | 167          | 166          | 145          | 133          | 74           | 86           | 74           | 73           |
| Other Services | 13           | 9            | 7            | 5            | 9            | 11           | 10           | 10           | 10           | 15           | 19           | 19           | 15           | 14           | 14           |
| Civilian       | 63           | 86           | 126          | 41           | 56           | 92           | 114          | 103          | 127          | 174          | 223          | 192          | 191          | 166          | 204          |
| Int'l          | 289          | 361          | 360          | 290          | 274          | 266          | 230          | 213          | 224          | 235          | 248          | 211          | 222          | 222          | 207          |
| <b>Total</b>   | <b>1,366</b> | <b>1,464</b> | <b>1,660</b> | <b>1,563</b> | <b>1,649</b> | <b>1,707</b> | <b>1,565</b> | <b>1,487</b> | <b>1,536</b> | <b>1,647</b> | <b>1,712</b> | <b>1,633</b> | <b>1,616</b> | <b>1,494</b> | <b>1,479</b> |

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

## AVERAGE ON BOARD STUDENT POPULATION BY SERVICE

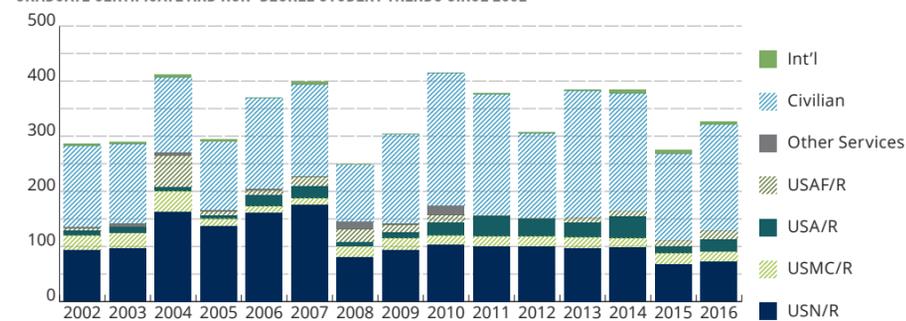
DISTANCE LEARNING DEGREE STUDENT TRENDS SINCE 2002



|                | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       | 2011       | 2012         | 2013         | 2014       | 2015       | 2016       |
|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|--------------|------------|------------|------------|
| USN/R          | 44         | 68         | 124        | 199        | 226        | 220        | 234        | 232        | 226        | 291        | 366          | 343          | 335        | 335        | 306        |
| USMC/R         | 3          | 7          | 7          | 6          | 7          | 11         | 12         | 13         | 4          | 9          | 16           | 17           | 26         | 39         | 39         |
| USA/R          | 4          | 5          | 3          | 2          | 0          | 2          | 4          | 3          | 17         | 4          | 5            | 7            | 8          | 12         | 11         |
| USAF/R         | 0          | 0          | 0          | 3          | 5          | 10         | 15         | 18         | 0          | 20         | 22           | 14           | 6          | 1          | 1          |
| Other Services | 0          | 1          | 0          | 0          | 1          | 1          | 2          | 1          | 11         | 0          | 0            | 0            | 0          | 0          | 0          |
| Civilian       | 186        | 184        | 202        | 257        | 328        | 355        | 451        | 438        | 582        | 597        | 605          | 620          | 601        | 608        | 630        |
| Int'l          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0            | 0            | 1          | 2          | 2          |
| <b>Total</b>   | <b>238</b> | <b>264</b> | <b>336</b> | <b>467</b> | <b>566</b> | <b>599</b> | <b>718</b> | <b>705</b> | <b>839</b> | <b>920</b> | <b>1,013</b> | <b>1,000</b> | <b>977</b> | <b>997</b> | <b>989</b> |

## AVERAGE ON BOARD STUDENT POPULATION BY SERVICE

GRADUATE CERTIFICATE AND NON-DEGREE STUDENT TRENDS SINCE 2002

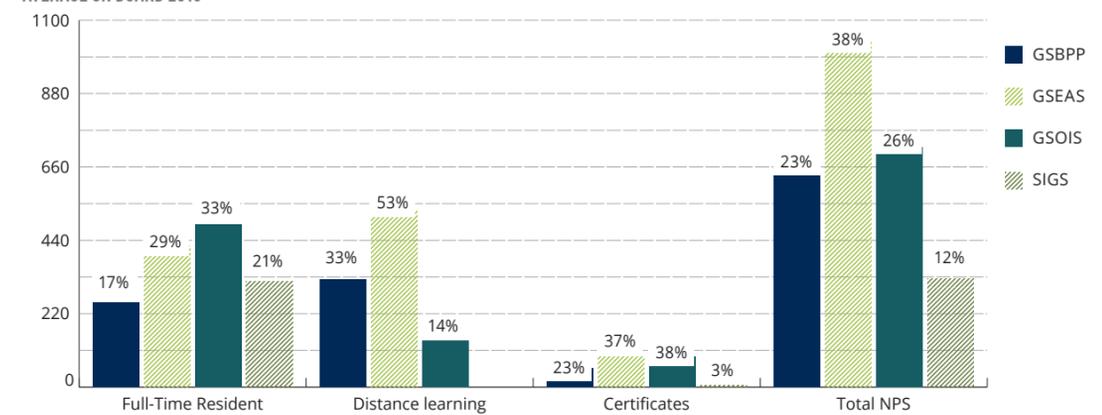


|   | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| USN/R   | 93         | 96         | 163        | 137        | 161        | 175        | 80         | 93         | 103        | 100        | 99         | 97         | 98         | 68         | 72         |
| USMC/R  | 27         | 28         | 37         | 14         | 12         | 13         | 20         | 22         | 17         | 18         | 20         | 20         | 17         | 20         | 18         |
| USA/R   | 9          | 11         | 7          | 6          | 20         | 22         | 8          | 11         | 24         | 36         | 31         | 27         | 40         | 12         | 22         |
| USAF/R  | 3          | 1          | 58         | 6          | 9          | 16         | 24         | 13         | 13         | 2          | 1          | 8          | 9          | 10         | 17         |
| Other Services                                    | 3          | 6          | 5          | 3          | 3          | 1          | 13         | 2          | 17         | 1          | 1          | 0          | 0          | 0          | 0          |
| Civilian  | 148        | 144        | 137        | 124        | 164        | 167        | 103        | 163        | 241        | 219        | 153        | 231        | 214        | 158        | 192        |
| Int'l   | 4          | 4          | 5          | 4          | 1          | 5          | 1          | 1          | 1          | 2          | 2          | 2          | 7          | 8          | 5          |
| <b>Graduate Certificate and Non-Degree Totals</b> | <b>287</b> | <b>289</b> | <b>410</b> | <b>293</b> | <b>368</b> | <b>398</b> | <b>249</b> | <b>304</b> | <b>414</b> | <b>377</b> | <b>307</b> | <b>385</b> | <b>385</b> | <b>276</b> | <b>326</b> |



## GRADUATE PROGRAM STUDENTS BY SCHOOL

AVERAGE ON BOARD 2016



| SCHOOL  | Full-Time Resident | Distance Learning | Certificate | Total        |
|---|--------------------|-------------------|-------------|--------------|
| Graduate School of Business and Public Policy           | 253                | 324               | 56          | 633          |
| Graduate School of Engineering and Applied Sciences     | 422                | 526               | 91          | 1,039        |
| Graduate School of Operational and Information Sciences | 487                | 139               | 93          | 719          |
| School of International Graduate Studies                | 317                | 0                 | 7           | 324          |
| <b>Total</b>  | <b>1,479</b>       | <b>989</b>        | <b>247</b>  | <b>2,715</b> |

Source: Office of Institutional Research, Reporting and Analysis (IRRA)



## RESIDENT DEGREE STUDENTS

### BY SCHOOL AND SERVICE

AVERAGE ON BOARD 2016

| SCHOOL       | NAVY       | MARINE CORPS | ARMY       | AIR FORCE | CIVILIAN   | INT'L      | OTHER     | TOTAL        |
|--------------|------------|--------------|------------|-----------|------------|------------|-----------|--------------|
| GSBPP        | 122        | 49           | 31         | 13        | 4          | 33         | 1         | 253          |
| GSEAS        | 250        | 29           | 25         | 4         | 36         | 72         | 6         | 422          |
| GSOIS        | 139        | 106          | 111        | 8         | 47         | 73         | 3         | 487          |
| SIGS         | 70         | 29           | 20         | 48        | 117        | 29         | 4         | 317          |
| <b>Total</b> | <b>581</b> | <b>213</b>   | <b>187</b> | <b>73</b> | <b>204</b> | <b>207</b> | <b>14</b> | <b>1,479</b> |

## DISTANCE LEARNING DEGREE STUDENTS

### BY SCHOOL AND SERVICE

AVERAGE ON BOARD 2016

| SCHOOL       | NAVY       | MARINE CORPS | ARMY      | AIR FORCE | CIVILIAN   | INT'L    | OTHER    | TOTAL      |
|--------------|------------|--------------|-----------|-----------|------------|----------|----------|------------|
| GSBPP        | 137        | 18           | 0         | 0         | 168        | 1        | 0        | 324        |
| GSEAS        | 107        | 8            | 9         | 0         | 402        | 0        | 0        | 526        |
| GSOIS        | 62         | 13           | 2         | 1         | 60         | 1        | 0        | 139        |
| SIGS         | 0          | 0            | 0         | 0         | 0          | 0        | 0        | 0          |
| <b>Total</b> | <b>306</b> | <b>39</b>    | <b>11</b> | <b>1</b>  | <b>630</b> | <b>2</b> | <b>0</b> | <b>989</b> |

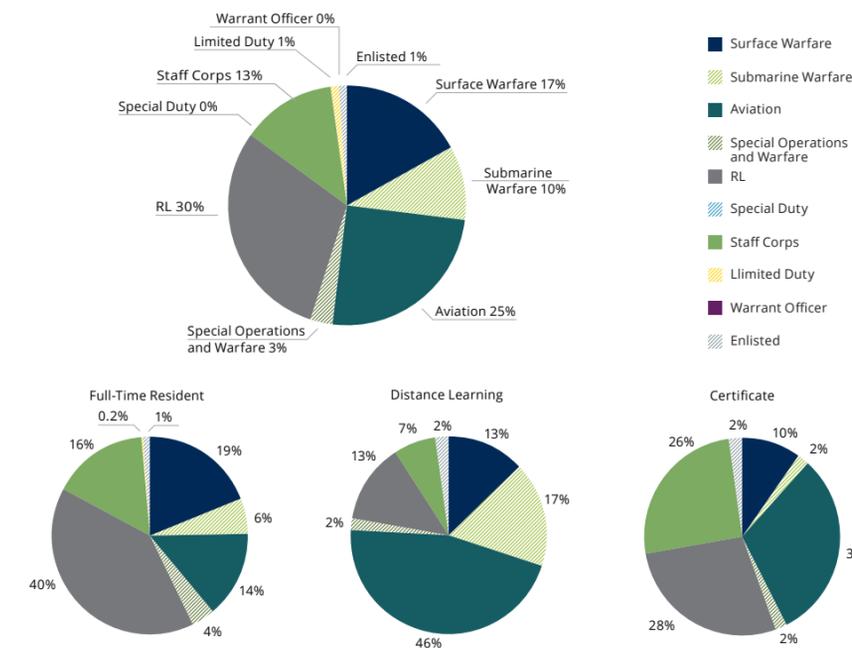
## CERTIFICATE NON-DEGREE STUDENTS

### BY SCHOOL AND SERVICE

AVERAGE ON BOARD 2016

| SCHOOL       | NAVY      | MARINE CORPS | ARMY      | AIR FORCE | CIVILIAN   | INT'L    | OTHER    | TOTAL      |
|--------------|-----------|--------------|-----------|-----------|------------|----------|----------|------------|
| GSBPP        | 0         | 12           | 16        | 0         | 28         | 0        | 0        | 56         |
| GSEAS        | 28        | 2            | 0         | 4         | 55         | 1        | 0        | 91         |
| GSOIS        | 27        | 3            | 4         | 8         | 47         | 4        | 0        | 93         |
| SIGS         | 3         | 0            | 0         | 3         | 0          | 1        | 0        | 7          |
| <b>Total</b> | <b>58</b> | <b>17</b>    | <b>20</b> | <b>15</b> | <b>131</b> | <b>6</b> | <b>0</b> | <b>247</b> |

## GRADUATE PROGRAM STUDENTS BY USN/R COMMUNITY AVERAGE ON BOARD 2016



| USN/R Community                             | Full-Time Resident | Distance Learning | Certificates | Total      |
|---|--------------------|-------------------|--------------|------------|
| Surface Warfare <sup>1</sup>                | 111                | 41                | 6            | 158        |
| Submarine Warfare <sup>2</sup>              | 37                 | 53                | 1            | 91         |
| Aviation <sup>3</sup>                       | 80                 | 139               | 18           | 237        |
| Special Operations and Warfare <sup>4</sup> | 22                 | 6                 | 1            | 29         |
| RL <sup>5</sup>                             | 234                | 39                | 16           | 289        |
| Special Duty <sup>6</sup>                   | 0                  | 0                 | 0            | 0          |
| Staff Corps <sup>7</sup>                    | 91                 | 21                | 15           | 127        |
| Limited Duty <sup>8</sup>                   | 1                  | 7                 | 0            | 8          |
| Warrant Officer                             | 0                  | 0                 | 0            | 0          |
| Enlisted                                    | 5                  | 0                 | 1            | 6          |
| <b>Total</b>                                | <b>581</b>         | <b>306</b>        | <b>58</b>    | <b>945</b> |



<sup>1</sup>Surface warfare designators: 111x,116x  
<sup>2</sup>Submarine warfare designators: 112x,117x  
<sup>3</sup>Aviation designators: 130X,131X,132X,137x,139x  
<sup>4</sup>Special operations & warfare designators: 113X,118X,114x,119x  
<sup>5</sup>RL:120x,121x,123x,144x,146x,14xx,15xx,171x,172x,17xx,180x,181x,182x,183x  
<sup>6</sup>Special Duty: 16xx,17xx  
<sup>7</sup>Staff Corps: 210x, 220x, 230x, 250x, 270x, 290x, 310x, 316x, 410x, 510x  
<sup>8</sup>Limited Duty: 611x, 612x, 613x,615x, 616x, 618x, 621x,623x,626x, 628x,629x,63xx, 64xx, 65xx

Source: Office of Institutional Research, Reporting and Analysis (IRRA)

## GRADUATE DEGREE CURRICULA

ALL DEGREES/STUDENTS

| RESIDENT PROGRAMS                                 | CURRICULUM # | U.S. MILITARY | INTERNATIONAL MILITARY & CIVILIAN | U.S. CIVILIAN | TOTAL NPS  |
|---|--------------|---------------|-----------------------------------|---------------|------------|
| <b>GSBPP</b>                                      |              |               |                                   |               |            |
| Acquisitions & Contract Management                | 815          | 53            | 6                                 |               | 59         |
| Defense Business Management                       | 809          |               |                                   | 3             | 3          |
| Defense Systems Analysis                          | 817          | 14            |                                   |               | 14         |
| Defense Systems Management (International)        | 818          |               | 4                                 |               | 4          |
| Financial Management                              | 837          | 55            | 3                                 |               | 58         |
| Financial Management (Energy Specialty)           | 838          | 7             |                                   | 1             | 8          |
| Information Systems Management MBA                | 870          | 5             | 2                                 |               | 7          |
| Manpower Systems Analysis                         | 847          | 38            | 10                                |               | 48         |
| Materiel Logistics Support Management             | 827          | 14            | 1                                 |               | 15         |
| Resource Planning/Mgmt for International Defense  | 820          |               | 4                                 |               | 4          |
| Supply Chain Management                           | 819          | 13            | 1                                 |               | 14         |
| Systems Acquisition Management                    | 816          | 17            | 2                                 |               | 19         |
| <b>GSBPP TOTAL</b>                                |              | <b>216</b>    | <b>33</b>                         | <b>4</b>      | <b>253</b> |
| <b>GSEAS</b>                                      |              |               |                                   |               |            |
| Applied Mathematics (PhD)                         | 381          | 2             | 1                                 | 1             | 4          |
| Applied Mathematics                               | 380          | 11            |                                   |               | 11         |
| Applied Physics (PhD)                             | 537          | 4             |                                   |               | 4          |
| Combat Systems Science & Engineering              | 533          | 33            | 15                                | 1             | 49         |
| Electrical Systems Engineering - Energy Focus     | 593          | 1             |                                   |               | 1          |
| Electronic Systems Engineering (PhD)              | 594          | 6             | 3                                 | 2             | 11         |
| Electronic Systems Engineering                    | 590          | 43            | 13                                | 1             | 57         |
| Engineering Acoustics (PhD)                       | 536          |               | 2                                 |               | 2          |
| Meteorology (PhD)                                 | 387          | 1             |                                   | 1             | 2          |
| Meteorology                                       | 372          | 2             |                                   |               | 2          |
| Meteorology and Oceanography (METOC)              | 373          | 34            | 3                                 |               | 37         |
| Naval/Mechanical Engineering - Energy Focus       | 563          | 6             |                                   |               | 6          |
| Naval/Mechanical Engineering (PhD)                | 573          | 2             |                                   | 3             | 5          |
| Naval/Mechanical Engineering                      | 570          | 41            | 11                                |               | 52         |
| Oceanography (PhD)                                | 443          | 4             |                                   |               | 4          |
| Oceanography                                      | 440          |               | 4                                 |               | 4          |
| Space Systems Engineering (PhD)                   | 597          | 2             |                                   | 4             | 6          |
| Space Systems Engineering                         | 591          | 22            |                                   | 1             | 23         |
| Space Systems Operations (International)          | 364          |               | 2                                 |               | 2          |
| Space Systems Operations                          | 366          | 16            |                                   |               | 16         |
| Systems Engineering (PhD)                         | 581          | 5             |                                   | 21            | 26         |
| Systems Engineering                               | 580          | 30            | 9                                 | 1             | 40         |
| Systems Engineering Analysis                      | 308          | 23            | 1                                 |               | 24         |
| Undersea Warfare                                  | 525          | 26            |                                   |               | 26         |
| Undersea Warfare (International)                  | 526          |               | 8                                 |               | 8          |
| <b>GSEAS TOTAL</b>                                |              | <b>314</b>    | <b>72</b>                         | <b>36</b>     | <b>422</b> |
| <b>GSOIS</b>                                      |              |               |                                   |               |            |
| Applied Cyber Operations                          | 336          | 6             |                                   |               | 6          |
| Computer Science (PhD)                            | 384          | 1             |                                   | 1             | 2          |
| Computer Science                                  | 368          | 45            | 8                                 | 23            | 76         |
| Cyber Systems and Operations                      | 326          | 27            |                                   |               | 27         |
| Human Systems Integration                         | 362          | 1             |                                   |               | 1          |
| Information Sciences                              | 474          | 9             | 1                                 | 12            | 22         |
| Information Strategy and Political Warfare        | 698          | 20            | 1                                 |               | 21         |
| Information Systems & Technology                  | 370          | 30            | 4                                 | 1             | 35         |
| Information Warfare                               | 595          | 14            | 4                                 |               | 18         |
| Joint Cmd, Cntrl, Comm, Comp/Intel (C4I) Sys      | 365          | 3             | 2                                 |               | 5          |
| Joint Operational Logistics                       | 361          | 13            | 2                                 |               | 15         |
| Modeling, Virtual Environments & Simulation (PhD) | 398          | 4             | 1                                 | 3             | 8          |



|   |     |             |            |            |             |
|---|-----|-------------|------------|------------|-------------|
| Modeling, Virtual Environments & Simulation | 399 | 14          | 5          |            | 19          |
| Network Operations and Technology           | 386 | 21          |            |            | 21          |
| Operations Analysis (Energy)                | 358 | 4           |            |            | 4           |
| Operations Analysis (PhD)                   | 382 | 1           |            |            | 1           |
| Operations Analysis                         | 360 | 70          | 20         |            | 90          |
| Remote Sensing                              | 475 |             |            | 1          | 1           |
| Software Engineering (PhD)                  | 385 |             |            | 4          | 4           |
| Special Operations                          | 699 | 84          | 25         | 2          | 111         |
| <b>GSOIS TOTAL</b>                          |     | <b>367</b>  | <b>73</b>  | <b>47</b>  | <b>487</b>  |
| <b>SIGS</b>                                 |     |             |            |            |             |
| Civil-Military Relations                    | 685 |             | 4          | 1          | 5           |
| Combating Terrorism: Policy and Strategy    | 693 | 2           | 10         |            | 12          |
| Europe and Eurasia                          | 684 | 25          | 2          |            | 27          |
| Far East, Southeast Asia, Pacific           | 682 | 43          | 9          |            | 52          |
| Homeland Defense and Security               | 692 | 7           |            | 112        | 119         |
| Homeland Security and Defense               | 691 | 19          |            |            | 19          |
| Middle East, South Asia, Sub-Saharan Africa | 681 | 46          |            | 1          | 47          |
| Security Studies                            | 694 | 4           |            | 3          | 7           |
| Stabilization and Reconstruction            | 686 |             |            |            |             |
| Strategic Studies                           | 688 | 6           | 4          |            | 10          |
| Western Hemisphere                          | 683 | 19          |            |            | 19          |
| <b>SIGS TOTAL</b>                           |     | <b>171</b>  | <b>29</b>  | <b>117</b> | <b>317</b>  |
| <b>RESIDENT TOTAL</b>                       |     | <b>1068</b> | <b>207</b> | <b>204</b> | <b>1479</b> |

| DISTANCE LEARNING PROGRAMS                                       | CURRICULUM # | U.S. MILITARY | INTERNATIONAL MILITARY & CIVILIAN | U.S. CIVILIAN | TOTAL NPS  |
|--|--------------|---------------|-----------------------------------|---------------|------------|
| <b>GSBPP</b>   |              |               |                                   |               |            |
| Contract Management (DL)   | 835          | 6             |                                   | 22            | 28         |
| Executive Master of Business Administration (DL)                 | 805          | 149           | 1                                 |               | 150        |
| Executive Master of Business Administration (DL-Civ)             | 807          |               |                                   | 79            | 79         |
| Program Management (DL)  | 836          |               |                                   | 67            | 67         |
| <b>GSBPP TOTAL</b>   |              | <b>155</b>    | <b>1</b>                          | <b>168</b>    | <b>324</b> |
| <b>GSEAS</b>   |              |               |                                   |               |            |
| Aviation Systems Engineering (DL)                                | 312          | 7             |                                   | 1             | 8          |
| Electronic Systems Engineering (DL)                              | 592          | 2             |                                   | 94            | 96         |
| Mechanical Engrg for Nuclear Trained Officers (DL)               | 572          | 54            |                                   | 2             | 56         |
| Naval Test Pilot/Mechanical & Aerospace Engineering Program (DL) | 613          | 7             |                                   |               | 7          |
| Reactors - Mechanical/Electrical Engineering (DL)                | 571          | 12            |                                   |               | 12         |
| Systems Engineering (DL)   | 311          | 35            |                                   | 252           | 287        |
| Systems Engineering Management-PD21 (DL)                         | 721          | 7             |                                   | 35            | 42         |
| Underwater Acoustic Systems (DL)                                 | 535          |               |                                   | 18            | 18         |
| <b>GSEAS TOTAL</b>   |              | <b>124</b>    | <b>0</b>                          | <b>402</b>    | <b>526</b> |
| <b>GSOIS</b>   |              |               |                                   |               |            |
| Cost Estimating and Analysis (DL)                                | 379          | 2             |                                   | 48            | 50         |
| Human Systems Integration (DL)                                   | 359          | 19            | 1                                 | 9             | 29         |
| Systems Analysis (DL)  | 363          | 57            |                                   | 3             | 60         |
| <b>GSOIS TOTAL</b>   |              | <b>78</b>     | <b>1</b>                          | <b>60</b>     | <b>139</b> |
| <b>DL TOTAL</b>  |              | <b>357</b>    | <b>2</b>                          | <b>631</b>    | <b>989</b> |

Source: Office of Institutional Research, Reporting and Analysis (IRRA)



## DEGREES CONFERRED (CONTINUED)



|  |              |
|--|--------------|
| MS Defense Analysis (Financial Management)                 | 1            |
| MS Defense Analysis (Irregular Warfare)                    | 71           |
| MS Defense Analysis (National Security Affairs)            | 3            |
| MS Defense Analysis (Terrorist Operations & Financing)     | 1            |
| MS Information Strategy and Political Warfare              | 17           |
| <b>IS - INFORMATION SCIENCES</b>                           | <b>66</b>    |
| MS Applied Cyber Operations                                | 7            |
| MS Cyber Systems and Operations                            | 11           |
| MS Information Technology Management                       | 18           |
| MS Information Warfare Systems Engineering                 | 10           |
| MS Network Operations and Technology                       | 16           |
| MS Sys Technology (Command, Control & Communications)      | 4            |
| <b>OR - OPERATIONS RESEARCH</b>                            | <b>108</b>   |
| M Cost Estimating and Analysis                             | 24           |
| M Human Systems Integration                                | 11           |
| M Systems Analysis   | 20           |
| MS Applied Science (Operations Research)                   | 1            |
| MS Operations Research                                     | 51           |
| PhD Operations Research                                    | 1            |
| <b>SCHOOL OF INTERNATIONAL GRADUATE STUDIES</b>            | <b>249</b>   |
| <b>NSA - NATIONAL SECURITY AFFAIRS</b>                     | <b>249</b>   |
| MA Sec Studies (Combating Terrorism: Policy & Strategy)    | 9            |
| MA Sec Studies (Mid East, S Asia, Sub-Saharan Africa)      | 42           |
| MA Security Studies (Civil-Military Relations)             | 6            |
| MA Security Studies (Defense Decision-Making and Planning) | 1            |
| MA Security Studies (Europe and Eurasia)                   | 22           |
| MA Security Studies (Far East, SE Asia, the Pacific)       | 38           |
| MA Security Studies (Homeland Security and Defense)        | 99           |
| MA Security Studies (Stabilization & Reconstruction)       | 1            |
| MA Security Studies (Strategic Studies)                    | 10           |
| MA Security Studies (Western Hemisphere)                   | 20           |
| PhD Security Studies                                       | 1            |
| <b>NPS TOTAL</b>   | <b>1,358</b> |

## NPS EXECUTIVE EDUCATION &amp; PROFESSIONAL DEVELOPMENT PROGRAMS (EE/PD)

The Naval Postgraduate School (NPS) has strong executive education and professional development (EE/PD) programs that extend the reach of its graduate programs to mid- or senior-grade professionals who are unable to take the time out of their careers to attend degree programs, or who need targeted information at their locations on their time schedules. In addition to degree and certificate courses offered for credit, schools, centers, departments, institutes and other organizations of NPS provide executive education, numerous short courses, seminars, and conferences to meet specific sponsors' needs. NPS short courses do not award academic credit, but selected short courses may award continuing education units (CEUs).

While the majority of EE/PD activity happens within SIGS, many organizations across campus offer EE/PD courses, within and outside the schools, and NPS had over 24,000 students taking short courses in 2016. The primary organizations involved in EE/PD at NPS are:

- **SCHOOL OF INTERNATIONAL GRADUATE STUDIES** (SIGS - Including CCMR, CHDS, NSA)
- **GRADUATE SCHOOL OF BUSINESS AND PUBLIC POLICY** (GSBPP - Including DRMI, HRCOE)
- **GRADUATE SCHOOL OF ENGINEERING AND APPLIED SCIENCES** (GSEAS)
- **GRADUATE SCHOOL OF OPERATIONAL AND INFORMATION SCIENCES** (GSOIS)
- **CENTER FOR EXECUTIVE EDUCATION** (CEE)

EE/PD education offered by NPS falls into one of three categories:

- **Type 1** Courses with closed enrollment. Student preregistration occurs in advance of the course. (Students are eligible for award of CEUs.)
- **Type 2** Courses with open enrollment. Student enrollment occurs at the start of the course. (Students are eligible for award of CEUs.)
- **Type 3** Exercises, workshops or seminars. No participant enrollment as students. (Participants are not eligible for award of CEUs.)

## 2016 EE/PD QUICK FACTS:

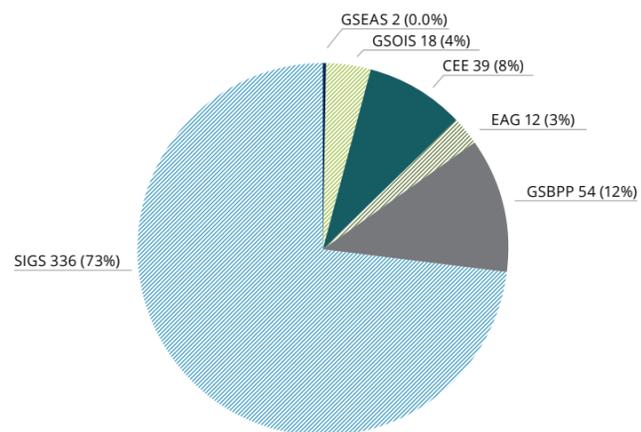
- **STUDENT ENROLLMENT** There has been a decline in EE/PD students overall since 2015, with attendance in 2016 down over 15%, a downward trend which has continued for the past three years. The number of EE/PD courses offered by NPS also decreased overall over 5%.
- **EE/PD FUNDING** DoS sponsored 33% of EE/PD courses in 2016, with DoD second at 26%.
- **LOCATIONS** The proportion of students educated outside and within the U.S. was roughly equivalent at approximately 37% each. Twenty-one percent of EE/PD students were educated at sea, and 3% online.
- **STUDENT TYPES** The largest group of EE/PD students, at 34% overall, was from non-U.S. military forces in 2016.
- **CCMR** Seventy-four percent of all EE/PD funding was utilized by CCMR in support of 291 courses and over 12,400 students.



Source: Office of Institutional Research, Reporting and Analysis (IRRA)

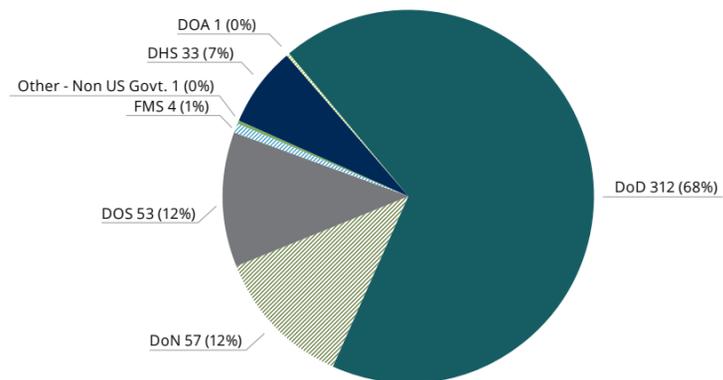
### TOTAL COURSES EXECUTED BY ORGANIZATION - 461 TOTAL COURSES

CCMR provides most of SIGS' 73% of EE/PD courses to 82% of NPS' EE/PD students. The rest of the campus provides short course education to the remaining 8% of students, both in the US and across the globe.



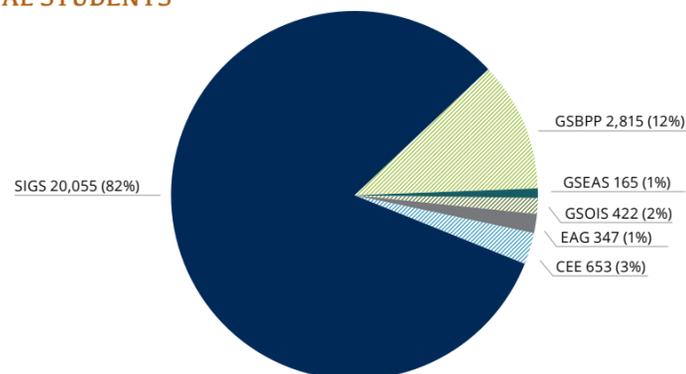
### TOTAL COURSES EXECUTED BY SPONSOR - 461 TOTAL COURSES

Most of the EE/PD conducted by NPS was reimbursably funded by DoD, with DoN the second largest sponsor of EE/PD.



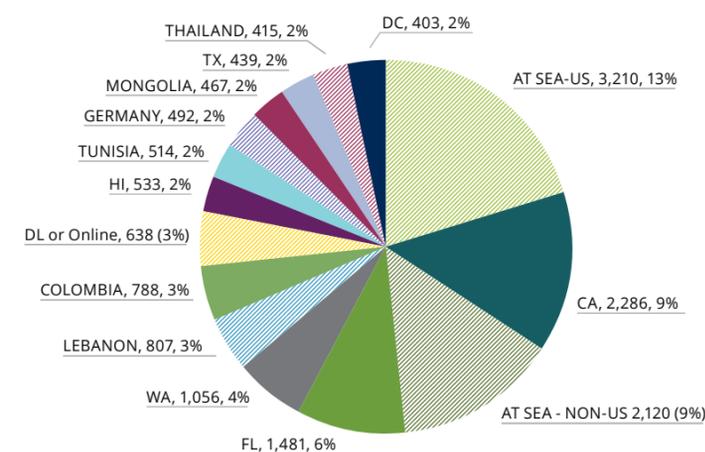
### TOTAL STUDENTS ENROLLED BY ORGANIZATION - 24,457 TOTAL STUDENTS

82% of NPS' EE/PD students attend SIGS programs within CCMR, CHDS, NSA, RSEP or SIGS' academic departments.



### TOP 15 CONCENTRATION OF STUDENTS BY LOCATION OF INSTRUCTION - 24,457 TOTAL STUDENTS

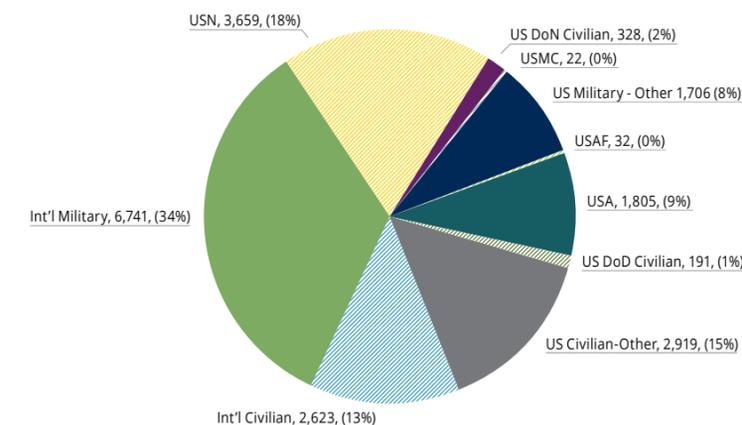
Twenty Two percent of NPS' EE/PD students are educated on board deployed ships as part of the RSEP program in SIGS. The chart shows the areas of highest concentration for NPS EE/PD education, with our campus in Monterey the largest land-based concentration of education.



### TOTAL STUDENTS BY AFFILIATION

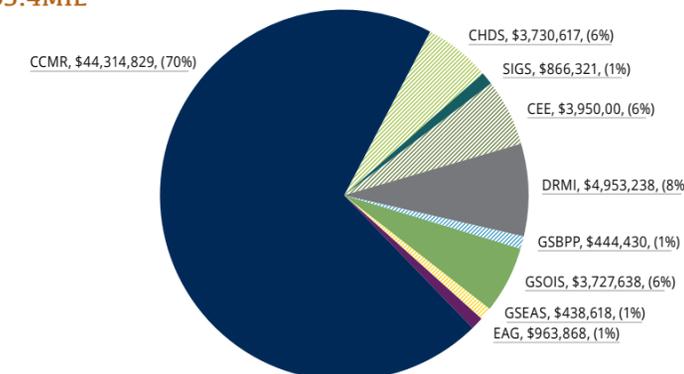
#### TOTAL STUDENTS WITH KNOWN AFFILIATION - 20,026

The majority of NPS' US EE/PD students are US Navy personnel. The largest group is International Military personnel.



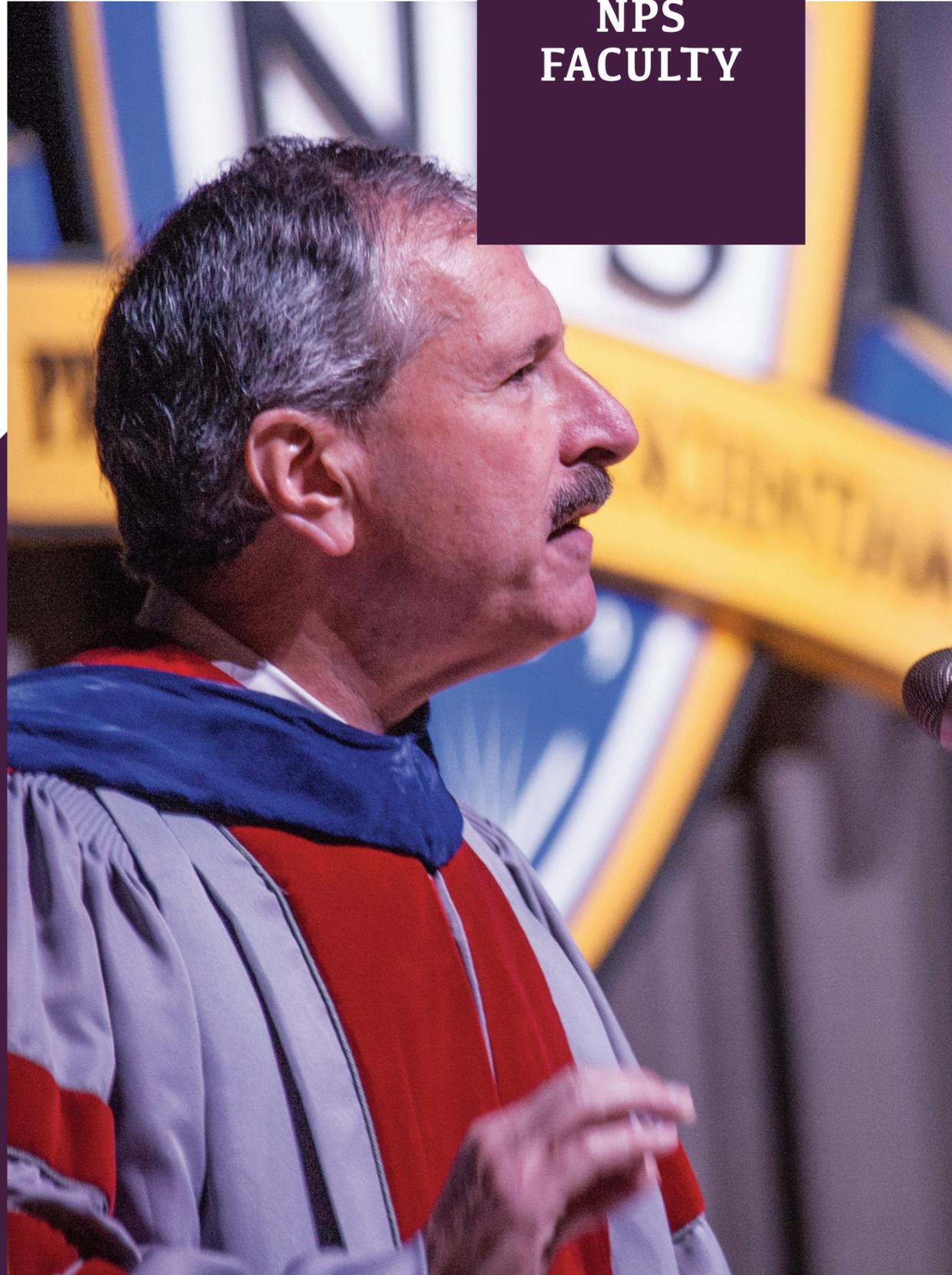
### TOTAL FUNDING BY ACADEMIC DEPARTMENT - \$63.4MIL

The largest portion of NPS' reimbursable DoD funding is utilized by CCMR in executing an extensive portfolio of recurring and on-demand short courses.



Source: Office of Institutional Research, Reporting and Analysis (IRRA)

# NPS FACULTY



## FACULTY BY RANK TENURE TRACK

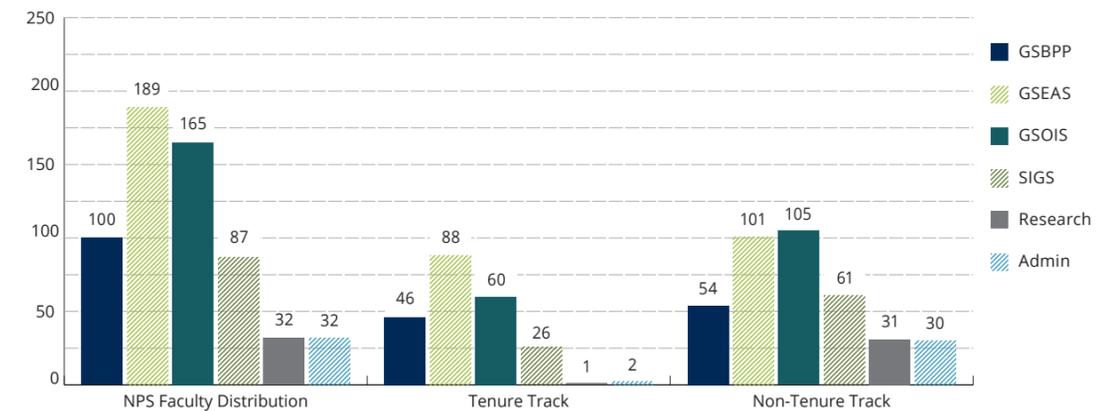
| RANK                | GSBPP     | GSEAS     | GSOIS     | SIGS      | RESEARCH | ADMIN    | TOTAL      |
|---------------------|-----------|-----------|-----------|-----------|----------|----------|------------|
| PROFESSOR           | 13        | 49        | 27        | 6         | 1        | 1        | 97         |
| ASSOCIATE PROFESSOR | 23        | 32        | 27        | 12        | 0        | 1        | 95         |
| ASSISTANT PROFESSOR | 10        | 7         | 6         | 8         | 0        | 0        | 31         |
| <b>TOTAL</b>        | <b>46</b> | <b>88</b> | <b>60</b> | <b>26</b> | <b>1</b> | <b>2</b> | <b>223</b> |

## NON-TENURE TRACK

| RANK                         | GSBPP      | GSEAS      | GSOIS      | SIGS      | RESEARCH  | ADMIN     | TOTAL      |
|------------------------------|------------|------------|------------|-----------|-----------|-----------|------------|
| SENIOR LECTURER              | 25         | 13         | 28         | 12        | 0         | 5         | 83         |
| LECTURER                     | 14         | 11         | 8          | 21        | 0         | 13        | 67         |
| PROFESSOR OF THE PRACTICE    | 2          | 8          | 2          | 0         | 2         | 0         | 14         |
| RESEARCH PROFESSOR           | 0          | 9          | 3          | 0         | 2         | 1         | 15         |
| RESEARCH ASSOCIATE PROFESSOR | 2          | 10         | 5          | 1         | 3         | 0         | 21         |
| RESEARCH ASSISTANT PROFESSOR | 0          | 6          | 5          | 2         | 0         | 0         | 13         |
| ADMINISTRATIVE FACULTY       | 1          | 0          | 0          | 4         | 02        | 8         | 15         |
| ASSOCIATE FACULTY            | 10         | 44         | 54         | 21        | 22        | 3         | 154        |
| <b>TOTAL</b>                 | <b>54</b>  | <b>101</b> | <b>105</b> | <b>61</b> | <b>31</b> | <b>30</b> | <b>382</b> |
| <b>GRAND TOTAL</b>           | <b>100</b> | <b>189</b> | <b>165</b> | <b>87</b> | <b>32</b> | <b>32</b> | <b>605</b> |

Graduate School of Business and Public Policy (GSBPP)  
 Graduate School of Engineering and Applied Sciences (GSEAS)  
 Graduate School of Operational and Information Sciences (GSOIS)  
 School of International Graduate Studies (SIGS)

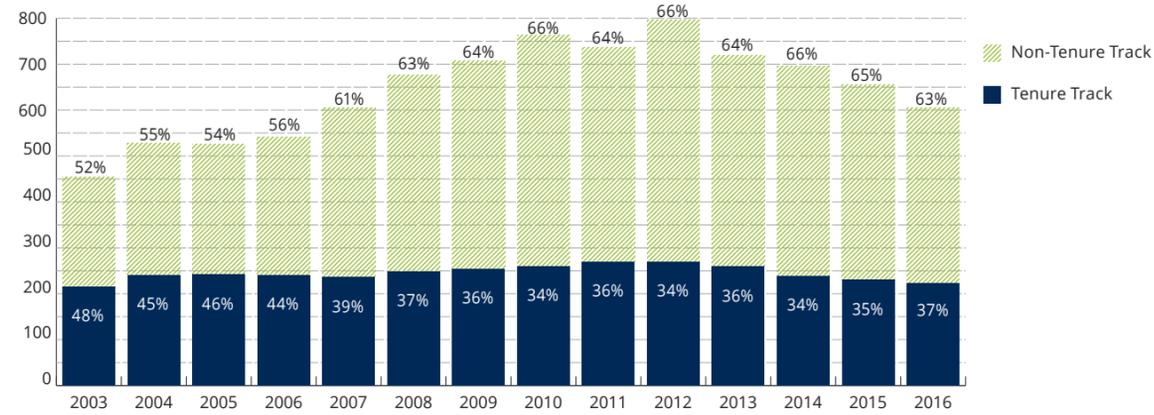
## FACULTY DISTRIBUTION TENURE TRACK AND NON-TENURE TRACK BY SCHOOL



Source: Office of Institutional Research, Reporting and Analysis

## TENURE TRACK/NON-TENURE TRACK FACULTY TREND SINCE 2003

|                  | 2003       | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| TENURE TRACK     | 216        | 240        | 242        | 241        | 236        | 248        | 254        | 260        | 269        | 270        | 259        | 239        | 230        | 223        |
| NON-TENURE TRACK | 238        | 288        | 283        | 301        | 369        | 428        | 454        | 504        | 468        | 527        | 460        | 457        | 426        | 382        |
| <b>TOTAL</b>     | <b>454</b> | <b>528</b> | <b>525</b> | <b>542</b> | <b>605</b> | <b>676</b> | <b>708</b> | <b>764</b> | <b>737</b> | <b>797</b> | <b>719</b> | <b>696</b> | <b>656</b> | <b>605</b> |



Source: Office of Institutional Research, Reporting and Analysis (IRRA)

## FACULTY AND STAFF 2016 BY ETHNICITY

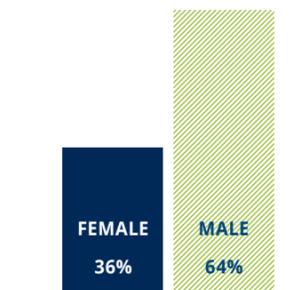
|              | Black/<br>African<br>American | American<br>Indian/<br>Alaskan<br>Native | Asian     | Native   | Hispanic  | White      | Not<br>Known | Two or<br>More | Total      |
|--------------|-------------------------------|--|-----------|----------|-----------|------------|--------------|----------------|------------|
| NPS GS/WG    | 38                            | 4  | 49        | 4        | 29        | 220        | 0            | 1              | 345        |
| NPS FACULTY  | 4                             | 5  | 50        | 2        | 21        | 535        | 0            | 2              | 619        |
| <b>TOTAL</b> | <b>42</b>                     | <b>9</b>                                 | <b>99</b> | <b>6</b> | <b>50</b> | <b>755</b> | <b>0</b>     | <b>3</b>       | <b>964</b> |

### BY GENDER

|              | FEMALE     | MALE       | TOTAL      |
|--------------|------------|------------|------------|
| NPS GS/WG    | 195        | 150        | 345        |
| NPS FACULTY  | 155        | 464        | 619        |
| <b>TOTAL</b> | <b>350</b> | <b>614</b> | <b>964</b> |

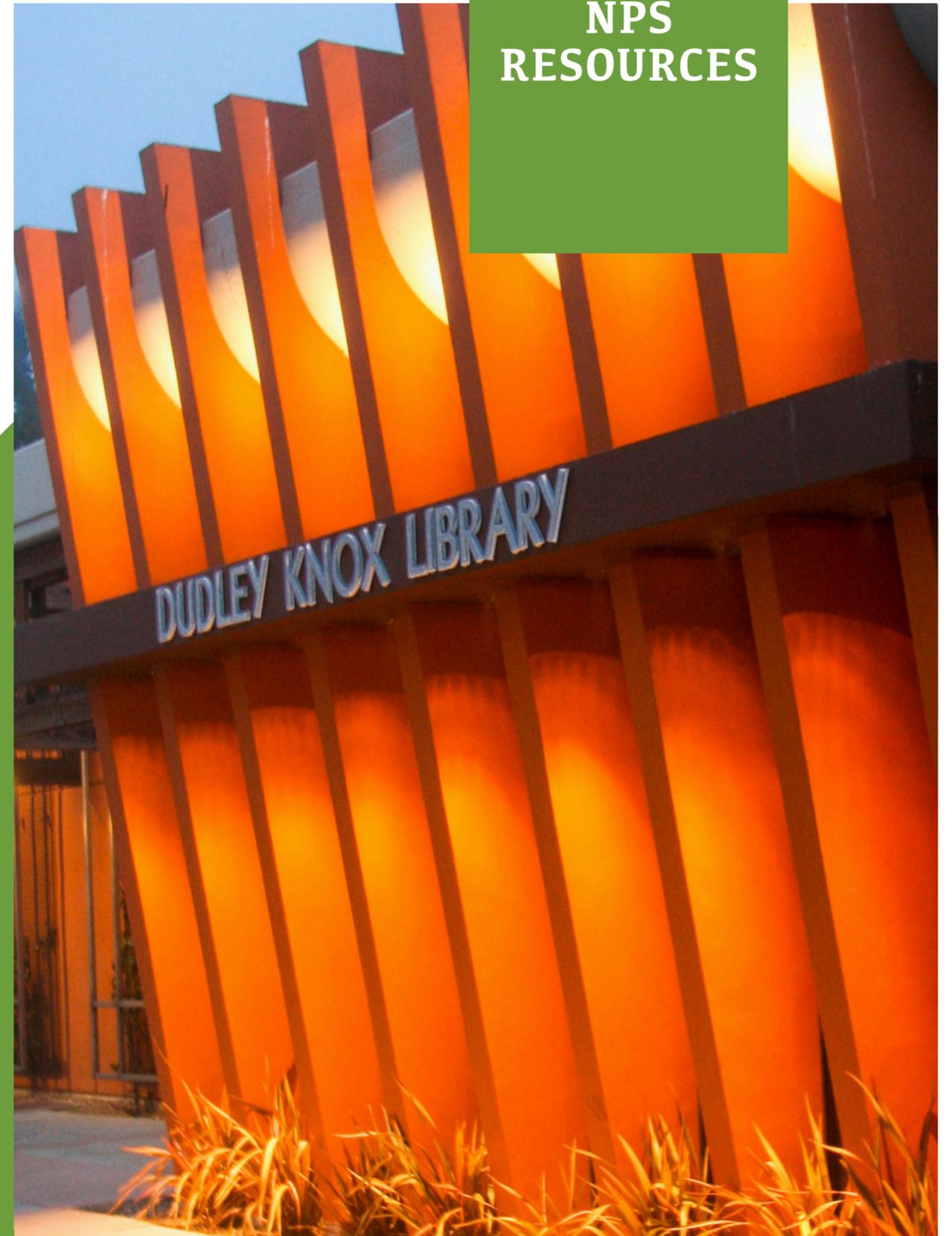
  

|             | FEMALE | MALE | TOTAL |
|-------------|--------|------|-------|
| NPS GS/WG   | 57%    | 43%  | 100%  |
| NPS FACULTY | 25%    | 75%  | 100%  |



Source: HR Link

## NPS RESOURCES



## INFORMATION TECHNOLOGY & COMMUNICATIONS SERVICES

### QUICK FACTS - NPS SYSTEMS

| Networks                 | Provider | Site  |
|--------------------------|----------|---|
| EDU                      | CENIC    | nps.edu   |
| HPR                      | CENIC    | hpr.nps.edu   |
| MIL                      | DREN     | nps.navy.mil  |
| Public (for guests)      | CENIC    | Public.nps.edu  |
| DoDNet                   | NPS      | Monterey DoD Interconnect:<br>DMDC, PERSEREC, DLIFLC, NRL, FNMOC, NPS |
| "PACBell" Commercial ISP | AT&T     | Research Network  |
| Classified Networks      | Various  | Various   |

### QUICK FACTS - USER ACCOUNTS

| Type                  | FY12         | FY13         | FY14         | FY15         | FY16         |
|-----------------------|--------------|--------------|--------------|--------------|--------------|
| Resident Students     | 2,069        | 2,261        | 2,816        | 1,860        | 1686         |
| DL Students           | 1,382        | 3,111        | 2,265        | 1,383        | 1556         |
| Faculty               | 967          | 1,150        | 1,056        | 754          | 730          |
| Staff                 | 1,174        | 1,672        | 1,474        | 810          | 794          |
| Contractors           | 356          | 483          | 475          | 292          | 272          |
| <b>Total Accounts</b> | <b>7,527</b> | <b>8,677</b> | <b>8,086</b> | <b>5,099</b> | <b>5,038</b> |

### QUICK FACTS - EDUCATION TECHNOLOGIES

| Description   | FY12    | FY13      | FY14      | FY15      | FY16      |
|---|---------|-----------|-----------|-----------|-----------|
| Learning Resource Center application                                    | 288     | 289       | 289       | 289       | 274       |
| Video Bridge Ports  | 60      | 80        | 80        | 80        | 80        |
| ISDN Channels available to Video Bridge                                 | 256     | 256       | 256       | 253       | 0         |
| ISDN Gateway Channels   | 0       | 253       | 253       | 253       | 253       |
| VTC Equipped Spaces   | 42      | 42        | 42        | 42        | 36        |
| VTC Meeting Rooms   | 27      | 27        | 27        | 28        | 14        |
| VTE Specialized Classrooms & Studios                                    | 15      | 15        | 15        | 15        | 24        |
| Multimedia presentation systems   | 133     | 133       | 133       | 133       | 130       |
| Class hours recorded & streamed via the Internet                        | 5,259   | 5,612     | 5,862     | 6,012     | 6,416     |
| Participant hours attended via web-conferencing system (beginning FY14) | 11,624  | 12,369    | 100,675   | 102,341   | 104,211   |
| Logins to the learning management system (not distinct users)           | 993,954 | 1,060,425 | 1,048,039 | 1,692,040 | 1,013,306 |
| Sites (Courses and Projects) hosted on the learning management system   | 4,484   | 6,447     | 7,821     | 9,308     | 10,787    |

Source: Information Technology and Communications Services

### HIGH PERFORMANCE COMPUTING (HPC)

| Description                  | FY13   | FY14   | FY15  | FY16  |
|------------------------------|--------|--------|-------|-------|
| Linux computers on campus    | 40     | 375    | 300   | 286   |
| Linux users on campus        | 250    | 500    | 600   | 722   |
| HPC supercomputer processors | 1,340  | 3,154  | 4,290 | 4,698 |
| HPS supercomputer users      | 150    | 210    | 356   | 327   |
| HPC disk space               | 475 TB | 475 TB | 2 PB  | 3.2PB |

### UNIVERSITY EDUCATION PARTNERSHIPS CORPORATION FOR EDUCATION NETWORK INITIATIVES IN CALIFORNIA (CENIC)

State research and education network (CalREN) links University of California campuses and system, California State University campuses and system, University of Southern California, Cal Tech, Stanford University and the Naval Postgraduate School, as well as providing connectivity to other national high-speed networks such as LambdaRail and Internet2.

### INTERNET2

National high-speed, high capacity network; U.S. university-led consortium with partners in industry and government accelerating development of tomorrow's internet.

### GLOBAL ENVIRONMENT FOR NETWORK INNOVATIONS (GENI)

A virtual laboratory for exploring future internets at scale, creates major opportunities to understand, innovate and transform global networks and their interactions with society. Dynamic and adaptive, GENI opens up new areas of research at the frontiers of network science and engineering, and increases the opportunity for significant socio-economic impact.

### DEFENSE PARTNERSHIPS

Educational and research partners of NPS that have established links to distributed technology tools: Synchronous Collaboration System, Learning Management System, Video capture, Video editing system and Podcasting. These partnerships include: Defense Language Institute, Foreign Language Center (DLIFLC), DoD Foreign Area Officer Program, Commander Navy Installation Command (CNIC), DoD Educational Information Security working Group, 23 DoD Educational Institutions.

### DEFENSE RESEARCH ENGINEERING NETWORK (DREN)

DOD's recognized research and engineering network. Robust, high-capacity, low-latency nation-wide network that provides connectivity between and among the HPCMP's geographically dispersed High performance Computing (HPC) user sites, HPC Centers, and other networks.



2016 NPS FACT BOOK

### MONTEREY PENINSULA DEPARTMENT OF DEFENSE NET

Regional DoD consortium with physical infrastructure linking Fleet Numerical Meteorology and Oceanography Center (FNMOC), Defense Manpower Data Center (DMDC), Naval Postgraduate School (NPS) and the Defense Personnel Security Research Center.

### DOD EDUCATIONAL INFORMATION SECURITY WORKING GROUP

Twenty-three DoD educational institutions that focus on network and information security – collaborate electronically throughout the year to solve security related problems.

### UNIVERSITY AND DEFENSE PARTNERSHIP NAVY HIGHER EDUCATION IT CONSORTIUM

Naval Postgraduate School, Naval War College, and Naval Academy CIO's working to develop higher education-based collaborations to maximize effectiveness of technology use at each of the three institutions.

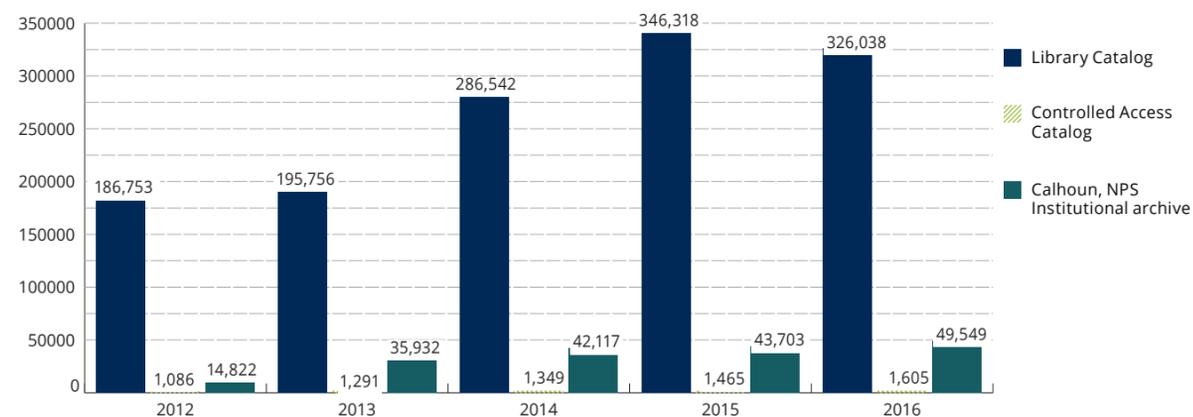
Source: Information Technology and Communications Services

## DUDLEY KNOX LIBRARY

### QUICK FACTS

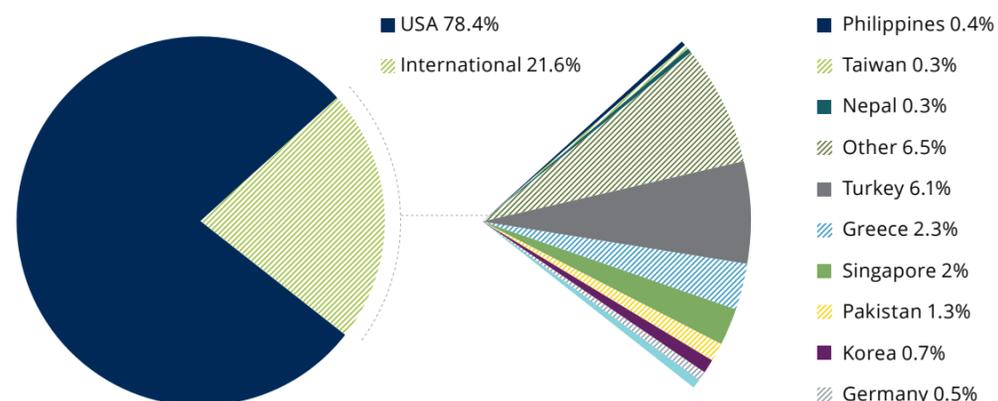
| NUMBER  | DESCRIPTION   |
|---------|---|
| 27      | Library staff FTE   |
| 78      | Average weekly hours (Sunday-Saturday); extended hours during finals weeks  |
| 377,192 | eResources available (books, journals, reports & more)  |
| 1,605   | eResources available in Restricted Resources & Services library   |
| 49,549  | Titles in NPS Archive: Calhoun  |
| 280,376 | On-site Library visits (up 1% over FY14)  |
| 808     | Average daily library visits (on-site)  |
| 4,737   | Average daily library visits (virtual) *significant change compared to last year. Data changed from monthly to daily for Calhoun and adjusted other reporting |
| 8,164   | Hours students used collaborative study spaces  |
| 2,435   | Students receiving library instruction  |
| 126     | Library instruction sessions offered (face-to-face and virtual)   |

### NUMBER OF ELECTRONIC RESOURCES



### NPS ALUMNI REGISTERED FOR FY2015 LIBRARY ACCESS

TOP COUNTRIES (N=3,040)



Source: Dudley Knox Library

## ACADEMIC FACILITIES

### MAC LAB (LAB)

**4** Lab equipped with networked or stand-alone computers for Academic or Research use by students and faculty which contains Apple Mac Pros with a dual boot Mac OS and Windows configuration.

### MULTI O/S (LAB)

**2** Lab equipped with networked or stand-alone computers for Academic or Research use by students and faculty where multiple combinations of operating systems and hardware are possible.

### UNIX/LINUX (LAB)

**8** Lab equipped with networked or stand-alone computers for Academic or Research use by students and faculty using UNIX or LINUX operating systems.

### AUDITORIUM (AUD.)

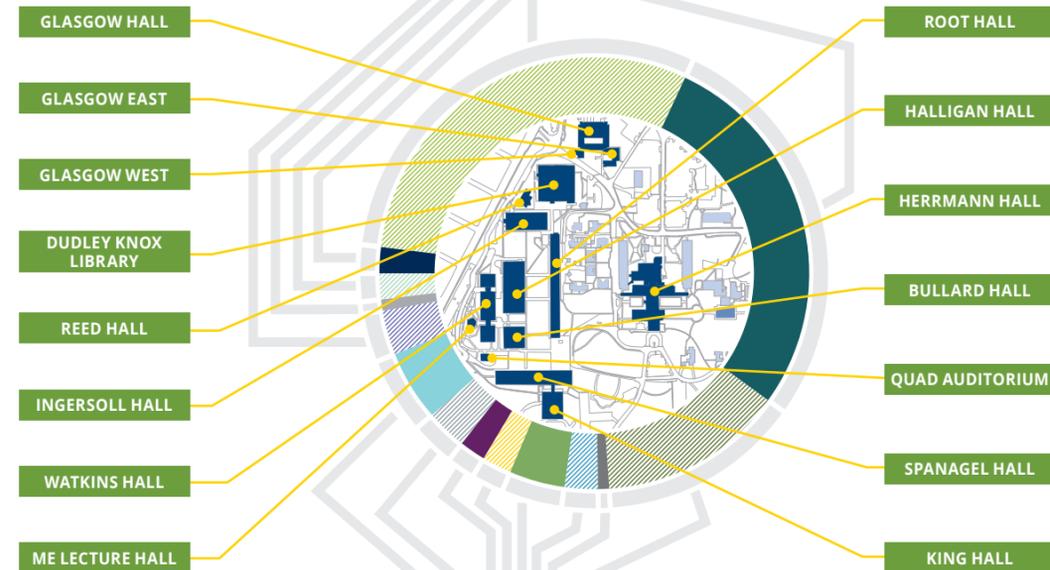
**5** Large Auditorium facilities designed for Conferences and similar large group of audiences.

### CONFERENCE ROOMS (CONF.)

**72** Conference rooms designed for classroom and/or conference use for a small working group or audiences.

### BASELINE CLASSROOMS (CR)

**67** Traditional baseline classroom with multi-media projection system and instructor computer. This is the minimum baseline technology for all traditional classrooms.



### LRC WINDOWS (LAB)

**13** Public Learning Resource Centers. Equipped with networked computers for student use, instructor computer, networked printer. Commonly used as a computer classroom on an irregular basis.

### SECURE LABS (LAB)

**7** Classified Laboratories

### VTE STUDIOS (VTE)

**5** Video tele-education teaching studio. Enhanced version of Type 3a VTE Classroom, but without seats for local students. Used for VTE programs with only remote students. Includes large rear-screen projection system.

### VTE CLASSROOMS (VTE)

**5** Video tele-education classroom. Traditional style classroom augmented with videoconferencing technology, specialized video display system, instructor PC, document camera, VCR, microphones, loudspeakers, and audiovisual routing matrix.

### COMPUTER-EQUIPPED CLASSROOMS (CR)

**33** Baseline classroom or lab with networked PCs and AC at each student seat.

### TEACHING ENHANCED ACTIVE LEARNING (CR)

**2** Classroom with shared power and network connectivity at student stations, strategically placed plasma displays and ability for students to project from study stations to displays.

### SECURE CLASSROOMS (CR)

**6** Classified classrooms with baseline AV capabilities in SCIF and STBL.

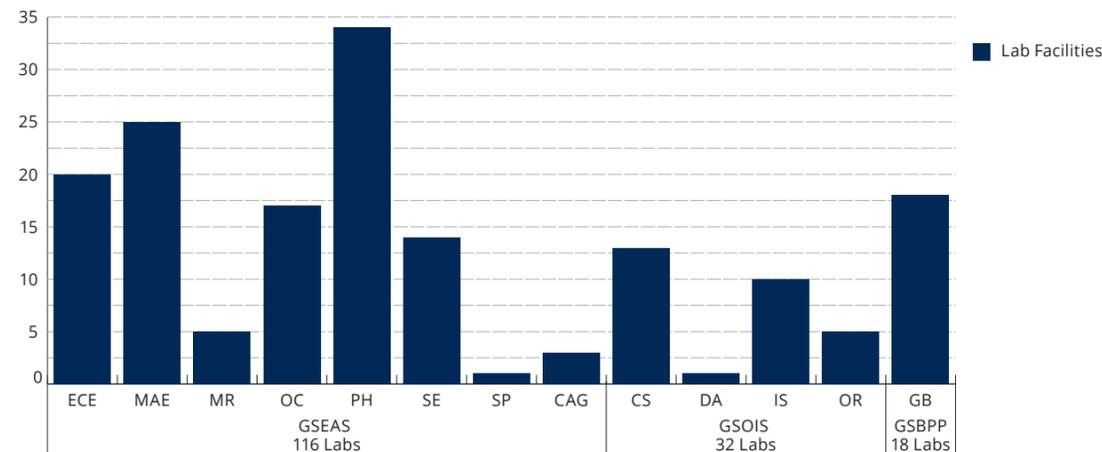
### VTC EQUIPPED CLASSROOM (VTC)

**10** Traditional or computer equipped classrooms with videoconferencing capability. Not equipped for VTE. NOTE: This is an enhancement to the existing facilities and does not represent additional rooms.

Source: Facilities Management (2014)

## NPS LAB FACILITIES

NPS HAS 166 LABS ACROSS 3 ACADEMIC SCHOOLS USED TO SUPPORT OUR EDUCATION AND RESEARCH PROGRAMS.



## MAJOR REPRESENTATIVE LAB FACILITIES BY DEPARTMENT AND SCHOOL

| GSEAS |  |                  |   |
|-------|--|------------------|---|
| Dept  | LAB NAME   | SPONSOR          | LAB DESCRIPTION   |
| ECE   | RADAR & EL. WARFARE SYSTEMS LAB                  | OPNAV N1         | The Radar Lab complex contains 15 Radar Systems and 10 various Electronic Warfare Systems. The facilities provide operating systems in support of instructional courses in Radar and Electronic Warfare principles.                                       |
|       | OPTICAL ELECTRONICS LAB                          | OPNAV N1         | Optical technology is an effective war-fighting and information-providing tool. This lab provides experimental facilities in fiber optics, lasers, and Electro-optics.  |
| MA    | LEARNING RESOURCE CENTER MATH                    | NPS              | Lab provides instruction ranging from programming to computer architecture, database systems, computer graphics, artificial intelligence, computer networks and advanced programming.   |
| MAE   | MARINE PROPULSION LABORATORY                     | OPNAV N86        | This lab includes the marine propulsion lab, the rocket propulsion lab, and the turbo-propulsion lab. The marine propulsion lab includes gas turbine and diesel engines. This forms the core of the instructional program in marine power and propulsion. |
|       | THERMAL ENGINEERING LABORATORY                   | OPNAV N86        | Used mainly for instruction in heat transfer by convection phenomena of single and multi-phase flows and includes facilities for measurement of temperature change and fluid motion in a range of systems.  |
| MR    | MARINE ATMOSPHERIC BOUNDARY LAYER & MEAS. LAB    | OPNAV N096       | Access to a variety of observation sites enables the lab to provide near Real-time data from the coastal region. Utilizes in-situ and remote sensing instrumentation systems for both teaching and research.  |
|       | ATMOSPHERIC ANALYSIS AND FORECASTING FOR WMD/HLS | OPNAV N096       | Lab provides the modeling, measurement and software tools to address atmospheric aspects of WMD and HLS issues for DOD.   |
| OC    | NAVAL OCEAN ANALYSIS AND PREDICTION (NOAP) LAB.  | OPNAV N096 / RR* | Supports environmental research in Joint Warfare and SOLIC, environmental effects on mine warfare, ocean analysis and prediction, and littoral zone modeling.   |
|       | RADAR AND DRIFTER LABORATORY                     | OPNAV N096 / RR* | Involved in direct measurements of ocean surface circulation in both coastal and open-sea environments. Real-time telemetry provides access to HF radar data and drifting buoy data, and brings these data to the lab, classroom, and the WWW.            |

Source: Facilities Management (2014)



## MAJOR REPRESENTATIVE LAB FACILITIES (CONTINUED) BY DEPARTMENT AND SCHOOL

| PH    | THRESHOLD CATHODE TEST FACILITY                    | RR*            | Basic R&D experimental laboratory for developing advanced components for High Power Microwave Directed Energy Weapons. Includes ultra-high vacuum system, pulsed power, and various diagnostics.  |
|-------|--|----------------|---|
|       | RAILGUNS AND DISCHARGES LABORATORY                 | RR*            | Focus Area. Problems regarding railguns and transient electrical discharges are investigated in this laboratory. Problems in transient electrical discharges include discharge initiation history and temporal behavior after the initiation phase.           |
| SE    | SYSTEMS ENGINEERING DEMONSTRATIONS LABORATORY      | Navsea SP      | This laboratory maintains computers, special systems engineering software, and other software supporting class exercises, student thesis and capstone projects, and faculty research. (90% Instruction + 10% Research)  |
| SP    | SMALL SATELLITE LABORATORY                         | NRO NNSOC      | This lab supports the space systems curricula through reimbursable instruction and research by development of small satellite and space flight experiments.   |
| GSOIS |  |                |   |
| CS    | INTRODUCTORY COMPUTER SECURITY LAB                 | OPNAV N1       | This lab is primarily used by the Center for Information Security Studies and Research (CISR). It is an "air-gapped" lab dedicated to studies of network vulnerabilities, intrusion detection, secure system management and computer forensics;               |
|       | COMP. INFORM. SECURITY (CISR) LAB                  | OPNAV N1 / RR* | Primarily used by INFOSEC and CISR. It is dedicated to studies of information assurance, computer security, high assurance system architecture and authentication. Used to introduce students to studies in high assurance systems, steganography, public key |
| DA    | COMMON OPERATIONAL RESEARCH ENVIRONMENT LAB (CORE) | OPNAV N1 / RR* | The Common Operational Research Environment (CORE) Lab will allow testing of new analytical technologies and methods addressing the problems of terrorism, networked adversaries, irregular warfare, and insurgency   |
| IS    | NAVAL SIMULATION SYSTEM LABORATORY                 | OPNAV N1 / RR* | Mixed use laboratory dedicated to the support of instruction as well as reimbursable and direct funded basic and applied research projects.   |
|       | RIDDLR / WIRELESS WARFARE / NEMESIS LAB            | OPNAV N1 / RR* | Mixed use laboratory dedicated to the support of instruction as well as reimbursable and direct funded basic and applied research projects.   |
| OR    | HUMAN SYSTEMS INTEGRATION LAB (HSIL)               | OPNAV N1       | Human Systems Integration Lab. This lab provides specialized Human Factors equipment, which measure some characteristic of human physiology.  |
|       | OPTIMIZATION COMPUTER LAB                          | OPNAV N1       | Computationally intensive optimization.   |
| GSBPP |  |                |   |
| GB    | APPLIED NETWORK PC LABORATORY                      | OPNAV N1       | This lab provides hands-on instruction with microcomputer architecture and local area Network Design.   |
|       | ACQUISITION CONTRACTING COMPUTER LABORATORY        | OPNAV N1 / RR* | Develop analytical and critical thinking abilities of students through the use of computer simulations and other management analysis tools.   |

RR\*=Reimbursable Research

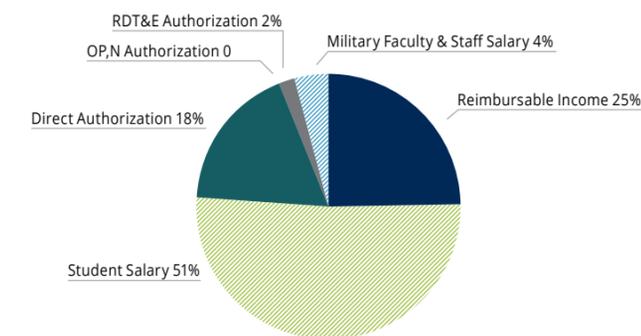
Source: Facilities Management (2014)

# FINANCIALS & SPONSORED PROGRAMS



## TOTAL OPERATIONS & MILITARY SALARY BUDGET BY SOURCE, FY2016

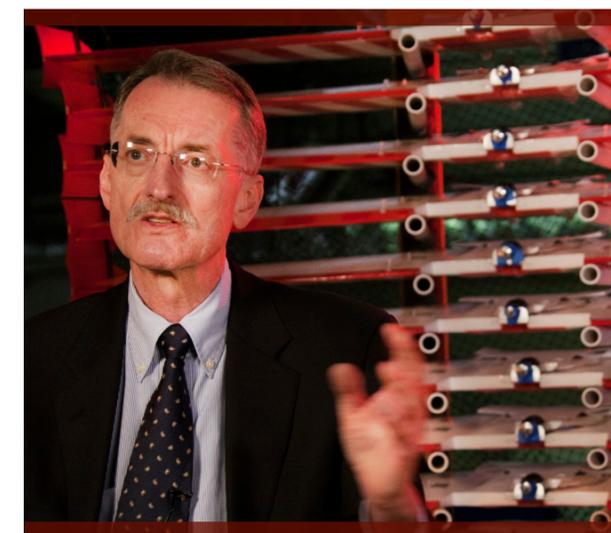
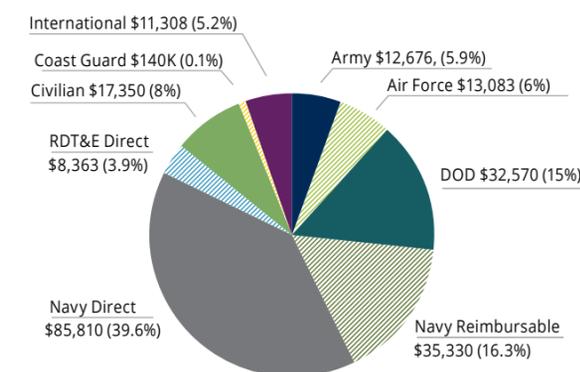
| BUDGET ITEM                     | \$ ALLOCATED (IN MILLIONS) |
|---------------------------------|----------------------------|
| Reimbursable Income             | \$122                      |
| Student Salary                  | \$250                      |
| Direct Authorization            | \$86                       |
| OP,N Authorization              | 0                          |
| RDT&E Authorization             | \$8                        |
| Military Faculty & Staff Salary | \$19                       |
| <b>TOTAL</b>                    | <b>\$485</b>               |



## NPS FY2016 REVENUE BY SOURCE

DIRECT AND REIMBURSABLE

| Source                | %     | \$K              |
|-----------------------|-------|------------------|
| Army                  | 5.9%  | \$12,676         |
| Air Force             | 6.0%  | \$13,083         |
| Department of Defense | 15.0% | \$32,570         |
| Navy Reimbursable     | 16.3% | \$35,330         |
| Navy Direct           | 39.6% | \$85,810         |
| RDT&E Direct          | 3.9%  | \$8,363          |
| Coast Guard           | 0.1%  | \$140            |
| Civilian              | 8.0%  | \$17,350         |
| International         | 5.2%  | \$11,308         |
| <b>Total</b>          |       | <b>\$216,630</b> |

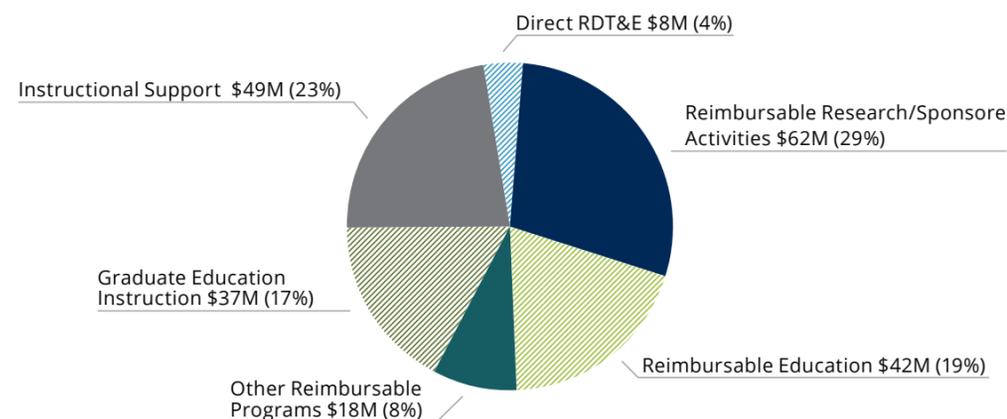


Source: Comptroller

## NPS FY 2016 EXPENDITURES

BY CATEGORY

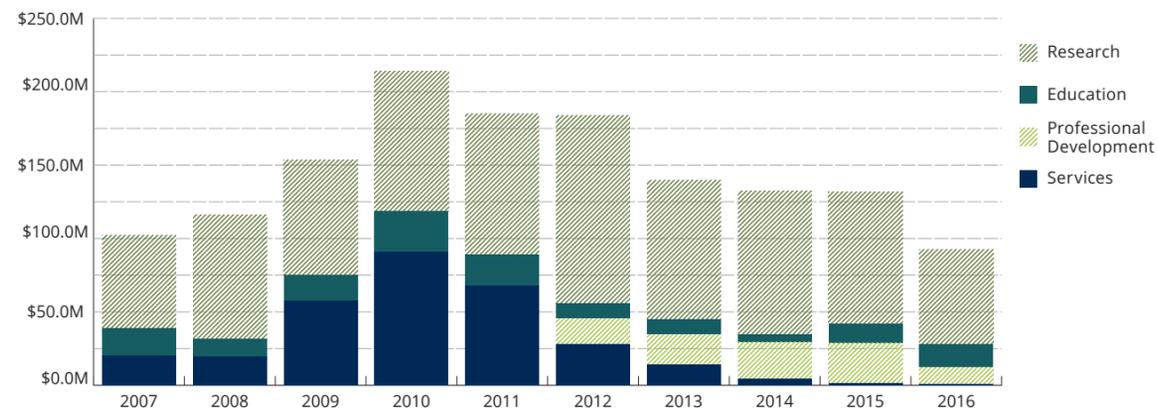
DIRECT AND REIMBURSABLE \$216 MILLION



## SPONSORED PROGRAM FUNDING EXECUTION

BY PRODUCT LINE (IN MILLIONS OF DOLLARS)

TRENDS SINCE FY2007



|                           | 2007           | 2008           | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Services                  | \$20.3         | \$19.6         | \$57.6         | \$91.2         | \$68.3         | \$28.4         | \$14.5         | \$4.7          | \$1.4          | \$85.4         |
| Professional Development* | -              | -              | -              | -              | -              | \$17.2         | \$20.1         | \$24.9         | \$27.6         | \$11.5         |
| Education                 | \$18.3         | \$12.0         | \$17.3         | \$27.4         | \$20.6         | \$9.9          | \$10.2         | \$4.9          | \$13.2         | \$15.4         |
| Research                  | \$63.8         | \$84.5         | \$78.6         | \$95.4         | \$95.9         | \$128.3        | \$95.1         | \$98.0         | \$89.9         | \$64.9         |
| <b>Total</b>              | <b>\$102.4</b> | <b>\$116.1</b> | <b>\$153.5</b> | <b>\$214.1</b> | <b>\$184.7</b> | <b>\$183.8</b> | <b>\$139.8</b> | <b>\$132.5</b> | <b>\$132.1</b> | <b>\$92.6M</b> |

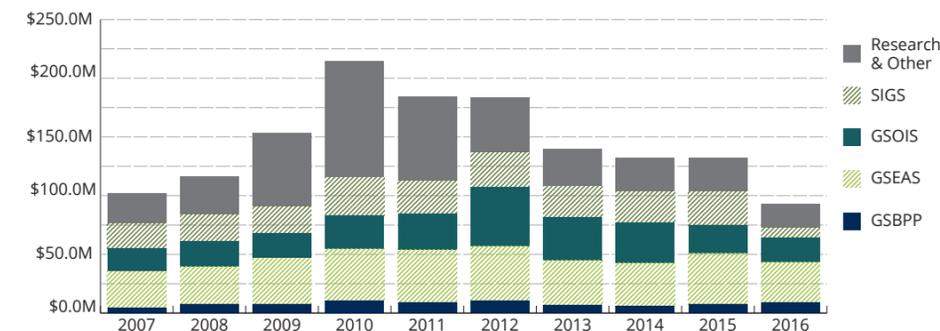
\*Note: Professional Development has partial EE/PD expenditures from CCMR and DRMI

Source: Comptroller (Top), Research Sponsored Programs Office (RSPO) (Bottom)

## SPONSORED PROGRAM FUNDING EXECUTION

BY DIVISION (IN MILLIONS OF DOLLARS)

TRENDS SINCE FY2007

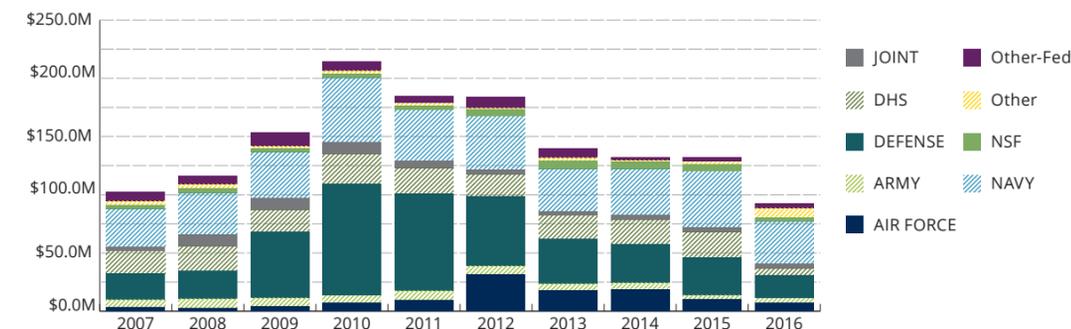


|                  | 2007           | 2008           | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| GSBPP            | \$4.8          | \$7.9          | \$7.5          | \$10.7         | \$9.0          | \$10.4         | \$6.5          | \$5.7          | \$7.7          | \$8.3M         |
| GSEAS            | \$30.7         | \$32.1         | \$39.2         | \$44.1         | \$44.9         | \$46.7         | \$38.3         | \$36.8         | \$43.5         | \$34.7M        |
| GSOIS            | \$19.5         | \$21.4         | \$21.1         | \$28.2         | \$30.6         | \$50.0         | \$37.0         | \$34.3         | \$23.6         | \$21M          |
| SIGS             | \$22.0         | \$22.7         | \$23.6         | \$32.7         | \$28.7         | \$30.2         | \$26.3         | \$27.3         | \$28.9         | \$8.7M         |
| Research & Other | \$25.4         | \$31.9         | \$62.1         | \$98.4         | \$71.5         | \$46.5         | \$31.7         | \$28.4         | \$28.3         | \$19.8M        |
| <b>Total</b>     | <b>\$102.4</b> | <b>\$116.1</b> | <b>\$153.5</b> | <b>\$214.1</b> | <b>\$184.7</b> | <b>\$183.8</b> | <b>\$139.8</b> | <b>\$132.5</b> | <b>\$132.1</b> | <b>\$92.6M</b> |

## SPONSORED PROGRAM FUNDING EXECUTION

BY SPONSOR (IN MILLIONS OF DOLLARS)

TRENDS SINCE FY2007



|           | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| AIR FORCE | \$3.5  | \$2.9  | \$4.4  | \$7.1  | \$9.9  | \$31.7 | \$17.8 | \$18.4 | \$10.4 | \$7.3  |
| ARMY      | \$6.3  | \$7.8  | \$7.4  | \$6.3  | \$7.9  | \$7.4  | \$6.1  | \$6.2  | \$3.5  | \$3.8  |
| DEFENSE   | \$22.4 | \$24.3 | \$56.5 | \$95.6 | \$83.3 | \$59.9 | \$38.3 | \$33.2 | \$32.7 | \$19.6 |
| DHS       | \$19.3 | \$20.6 | \$18.6 | \$26.0 | \$21.4 | \$18.5 | \$19.9 | \$20.8 | \$21.3 | \$6    |
| JOINT     | \$3.4  | \$10.2 | \$10.3 | \$10.5 | \$6.4  | \$3.9  | \$3.2  | \$4.0  | \$3.9  | \$3.9  |
| NAVY      | \$32.8 | \$36.0 | \$39.6 | \$54.8 | \$43.8 | \$45.8 | \$36.6 | \$39.2 | \$48.1 | \$36.5 |
| NSF       | \$3.7  | \$4.0  | \$3.2  | \$3.5  | \$3.6  | \$5.8  | \$7.6  | \$6.1  | \$6.0  | \$3.3  |
| OTHER     | \$3.1  | \$3.2  | \$1.7  | \$2.5  | \$2.4  | \$1.6  | \$2.6  | \$1.8  | \$2.4  | \$8.3  |
| OTHER-FED | \$7.9  | \$7.2  | \$11.8 | \$7.7  | \$6.0  | \$9.2  | \$7.8  | \$2.8  | \$3.8  | \$3.9  |

Source: Research Sponsored Programs Office (RSPO)

## NPS HALL OF FAME HONOREES

The NPS Hall of Fame recognizes the accomplishments of NPS' most distinguished alumni and friends who, through the attainment of positions at the highest levels of public service, have made the greatest contributions to society,

**Cmdr. Everett Alvarez, Jr. (Ret.)**  
(Presented 27 March 2015)

**General Keith B. Alexander, USA (Ret.)**  
(Presented 21 June 2013)

**Colonel Walt Havenstein, USMCR (Ret.)**  
(Presented 30 Nov 2012)

**Admiral Eric T. Olson, USN (Ret.)**  
(Presented 30 Nov 2012)

**Admiral Stanley Arthur, USN (Ret.)**  
(Presented 2 Dec 2011)

**Dr. J. Phillip (Jack) London**  
(Presented 2 Dec 2011)

**Vice Admiral Pat Tracey, USN (Ret.)**  
(Presented 3 Dec 2010)

**Admiral T. Joseph Lopez, USN (Ret.)**  
(Presented 3 Dec 2010)

**Vice Admiral Thomas J. Hughes, USN (Ret.)**  
(Posthumous induction presented 3 Dec 2010)

**General Apichart Penkitti, Permanent Secretary for Defense, Thailand (Ret.)**  
(Presented 30 July 2010)

**Admiral Michael Mullen, USN (Ret.)**  
(Presented 11 Aug 2009)

**General Michael Hagee, USMC (Ret.)**  
(Presented 23 May 2009)

**The Honorable Dan Albert, Mayor of Monterey (Ret.)**  
(Presented 23 Feb 2007)



**Admiral Wayne E. Meyer, USN (Ret.)**  
(Presented 23 Feb 2006)

**Admiral James D. Watkins, USN (Ret.)**  
(Presented 20 Apr 2005)

**General John A. Gordon, USAF (Ret.)**  
(Presented 16 Sept 2004)

**Admiral Henry Mauz, USN (Ret.)**  
(Presented 19 Nov 2003)

**Vice Admiral Arthur Cebrowski, USN (Ret.)**  
(Presented 13 Jan 2003)

**Professor Lui Pao Chuen, Chief Def. Scientist, Singapore Ministry of Defence**  
(Presented 28 Mar 2002)

**The Honorable James Roche, Secretary of the Air Force (Ret.)**  
(Presented 27 Sept 2001)

**The Honorable Thomas White, Secretary of the Army (Ret.)**  
(Presented 27 Sept 2001)

## BOARD OF ADVISORS TO THE PRESIDENT, NAVAL POSTGRADUATE SCHOOL NON-FEDERAL MEMBERSHIP

| Board Member                               | Title                          | Affiliation                                |
|--|--------------------------------|--|
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| Mr. Walter Anderson                        | President                      | NOVIUM Learning                            |
| Dr. Robert R. Fossum                       | Sr. Research Scientist (Ret.)  | University of Texas, Austin                |
| Vice Adm. David E. Frost, USN (Ret.)       | President                      | Frost and Associates                       |
| Dr. E. Jan Kehoe                           | Faculty/Educational Consultant | Walden University                          |
| Dr. Elisabeth Paté-Cornell                 | Professor and Chair            | Stanford University                        |
| Honorable G. Kim Wincup                    | Senior Advisor                 | Center for Strategic International Studies |

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| Board Member                     | Title  | Affiliation              |
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| Brig. Gen. Thomas A. Gorry, USMC | President  | Marine Corps University  |
| Maj. Gen. William Rapp, USA      | Commandant   | Army War College         |
| Rear Adm. David J. Hahn, USN     | Chief of Naval Research  | Office of Naval Research |



*In 2010, a new committee comprised of the Board of Advisors for both the Naval Postgraduate School and the Naval War College was established. The committee formerly referred to as the NPS Board of Advisors is now a permanent subcommittee of the new joint committee.*



**PUBLIC AFFAIRS OFFICE**  
**NAVAL POSTGRADUATE SCHOOL**

(831) 656-1068 | [www.nps.edu](http://www.nps.edu) | [pao@nps.edu](mailto:pao@nps.edu)  
1 University Circle, Monterey, CA 93943