



NAVAL POSTGRADUATE SCHOOL

FACT BOOK

AY 2019



MISSION

The Naval Postgraduate School provides relevant and unique advanced education and research programs to increase the combat effectiveness of commissioned officers of the naval service to enhance the security of the United States. In support of the foregoing and to sustain academic excellence, NPS will foster a program of relevant and meritorious thesis and research experiences for NPS students that informs the curricula, supports the needs of Navy and Department of Defense, and builds the intellectual capital of NPS faculty. To support the core Navy mission, NPS' programs are inherently joint, interagency, and international.





QUICK FACTS ACADEMIC YEAR 2019

2019-20 ACADEMIC PROGRAMS ANNUAL FACTBOOK



LEADERSHIP

President: Vice Admiral Ann E. Rondeau, USN (Ret)
Provost: Dr. Steven R. Lerman
Chief of Staff: CAPT Phil Old, USN
Dean of Students: CAPT Markus J. Gudmundsson, USN
Dean of GSDM: Dr. Keith Snider
Dean of GSEAS: Dr. Clyde Scandrett
Dean of GSOIS: Dr. Rob Dell
Dean of SIGS: Dr. James Wirtz
Dean of Research: Dr. Jeffrey Paduan
Vice Provost: Dr. Douglas Moses



STUDENT ENROLLMENT

1,497 RESIDENTIAL
820 DISTANCE LEARNING
387 CERTIFICATE

2,704
average on board

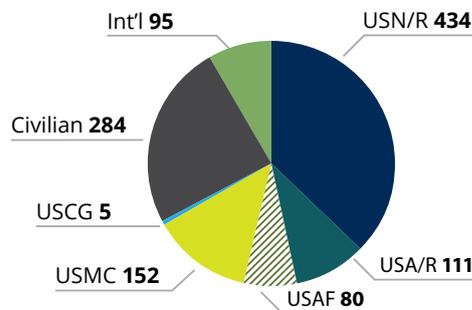


DEGREES AWARDED

1,146 Masters Degrees
11 Doctorate
4 Post Masters

1,161

NPS GRADUATE DEGREES CONFERRED BY SERVICE



FACULTY & STAFF

227 Tenure Track Faculty
347 Non-Tenure Track Faculty
42 Military Faculty
338 GS/Wage Grade staff members



RESEARCH

- Approx \$100 million in sponsored research funding
- Research programs are aligned to NPS curricula
- NPS research is valuable to improving the security of the U.S.



FINANCES

- \$418 million Operating budget : including military salary
- \$98 million Direct Authorization: without military salary
- \$110 million Reimbursable Income



ACADEMIC FACILITIES

102 Classrooms that offer media technology
19 Classrooms with video-teleconferencing
19 Classified facilities
166 Labs



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)

Source: Office of Institutional Research

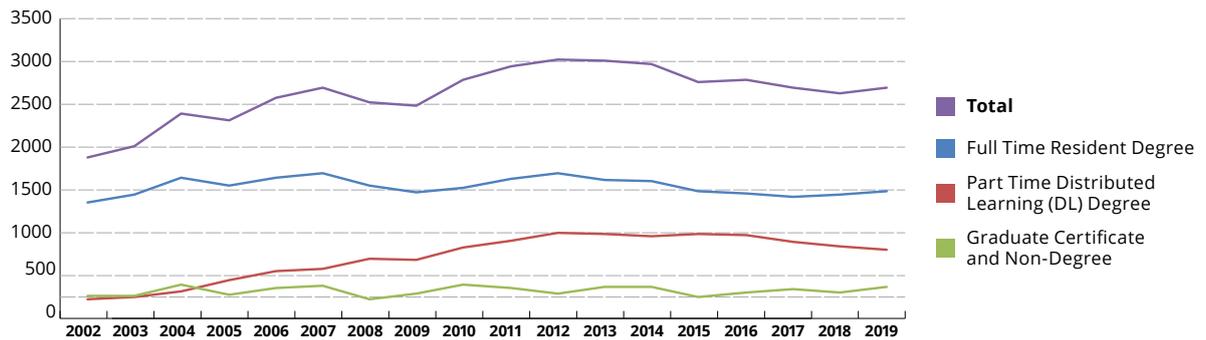
INSTITUTIONAL RESEARCH

NAVAL POSTGRADUATE SCHOOL
IR@nps.edu | University Circle, Monterey, CA 93943

NPS STUDENTS AND PROGRAMS

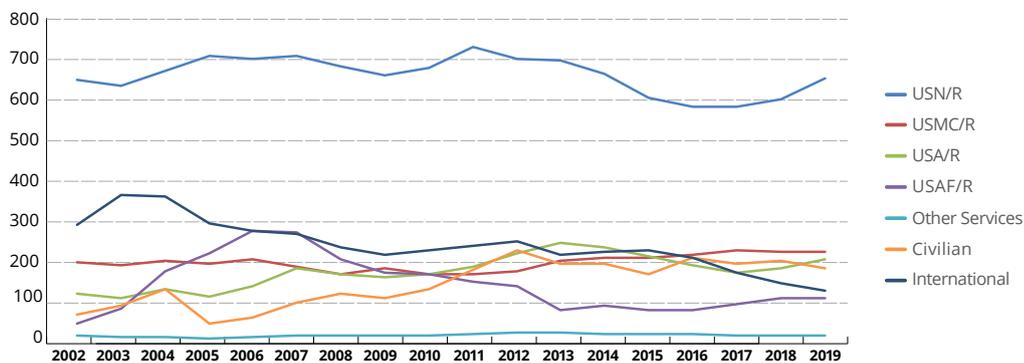
GRADUATE PROGRAM STUDENTS

By Type of Enrollment



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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	1,432	1,459	1,497
Part Time Distributed Learning (DL) Degree	238	264	336	467	566	599	718	705	839	920	1,013	1,000	977	997	989	909	853	820
Graduate Certificate and Non-Degree	287	289	410	293	368	398	249	304	414	377	307	385	385	276	326	356	327	387
Total	1,891	2,017	2,405	2,324	2,584	2,704	2,531	2,496	2,789	2,944	3,031	3,018	2,979	2,767	2,794	2,697	2,639	2,704

Resident Students by Service

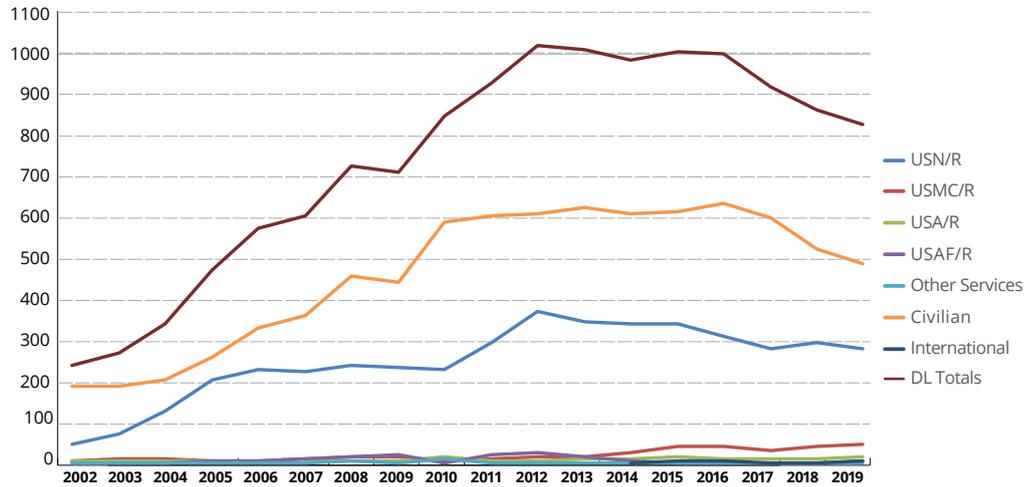


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
USN/R	648	636	671	709	702	708	685	660	681	731	700	698	666	606	581	582	600	655
USMC/R	195	186	198	192	201	183	163	178	164	165	173	199	207	205	213	223	222	221
USA/R	115	106	126	110	134	179	163	157	165	182	216	242	231	207	187	169	179	201
USAF/R	43	80	172	217	274	269	201	167	166	145	133	74	86	74	73	88	105	106
Other Services	13	9	7	5	9	11	10	10	10	15	19	19	15	14	14	11	10	10
Civilian	63	86	126	41	56	92	114	103	127	174	223	192	191	166	204	192	199	181
Int'l	289	361	360	290	274	266	230	213	224	235	248	211	222	222	207	167	144	123
Total	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	1,432	1,459	1,497

Numbers may not sum to total due to rounding.

DISTANCE LEARNING DEGREE STUDENTS

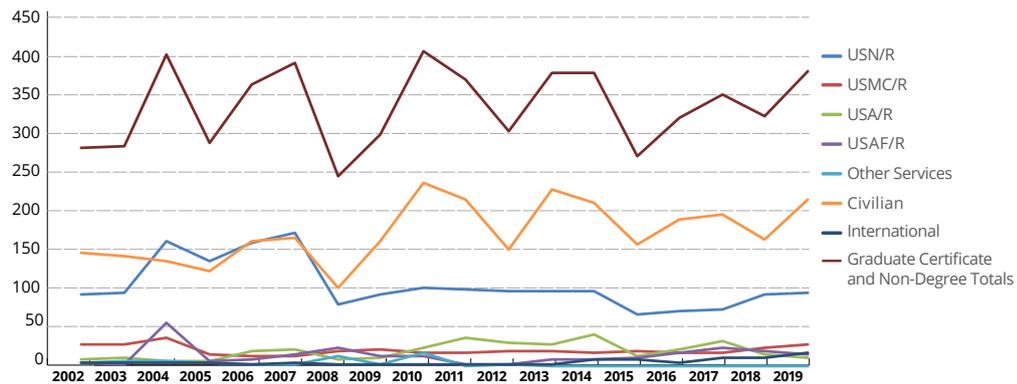
By Service



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
USN/R	44	68	124	199	226	220	234	232	226	291	366	343	335	335	306	277	291	277
USMC/R	3	7	7	6	7	11	12	13	4	9	16	17	26	39	39	31	37	43
USA/R	4	5	3	2	0	2	4	3	17	4	5	7	8	12	11	8	8	13
USAF/R	0	0	0	3	5	10	15	18	0	20	22	14	6	1	1	1	0	2
Other Services	0	1	0	0	1	1	2	1	11	0	0	0	0	0	0	0	0	0
Civilian	186	184	202	257	328	355	451	438	582	597	605	620	601	608	630	592	517	484
International	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	2
Total	238	264	336	467	566	599	718	705	839	920	1,013	1,000	977	997	989	909	853	820

AVERAGE ON BOARD STUDENT POPULATION

Graduate Certificate and Non-Degree Students by Service



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
USN/R	93	96	163	137	161	175	80	93	103	100	99	97	98	68	72	74	94	96
USMC/R	27	28	37	14	12	13	20	22	17	18	20	20	17	20	18	17	24	28
USA/R	9	11	7	6	20	22	8	11	24	36	31	27	40	12	22	32	15	11
USAF/R	3	1	58	6	9	16	24	13	13	2	1	8	9	10	17	24	19	15
Other Services	3	6	5	3	3	1	13	2	17	1	1	0	0	0	0	0	0	1
Civilian	148	144	137	124	164	167	103	163	241	219	153	231	214	158	192	199	166	219
International	4	4	5	4	1	5	1	1	1	2	2	2	7	8	5	10	11	18
Graduate Certificate and Non-Degree Totals	287	289	410	293	368	398	249	304	414	377	307	385	385	276	326	356	327	387

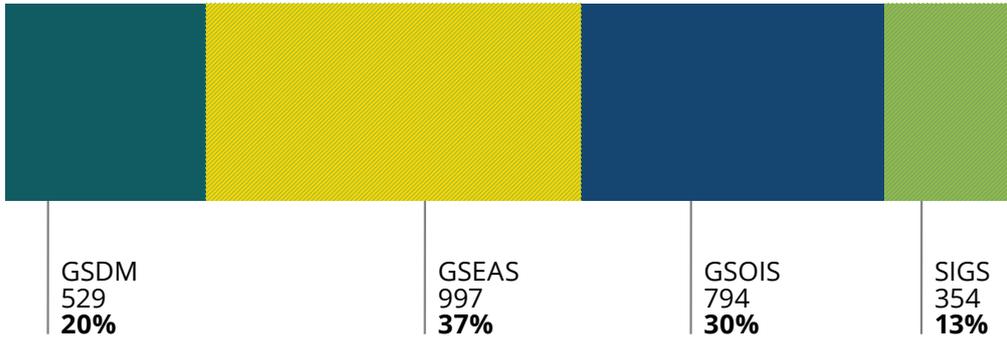
Numbers may not sum to total due to rounding.

GRADUATE PROGRAM STUDENTS

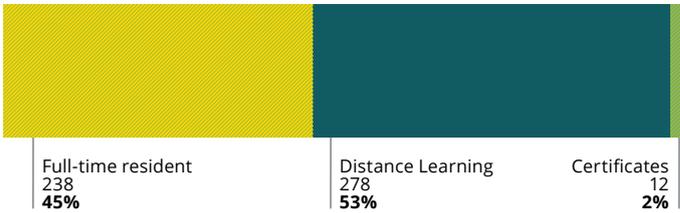
By School – Average on Board 2019

(Excludes continuing education)

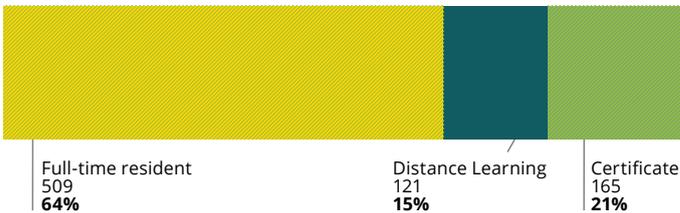
NPS (total 2673)



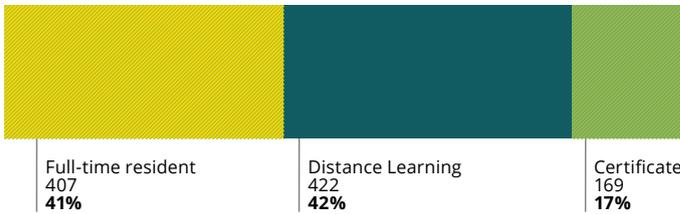
GSDM (total 528)



GSOIS (total 795)



GSEAS (total 998)



SIGS (total 354)

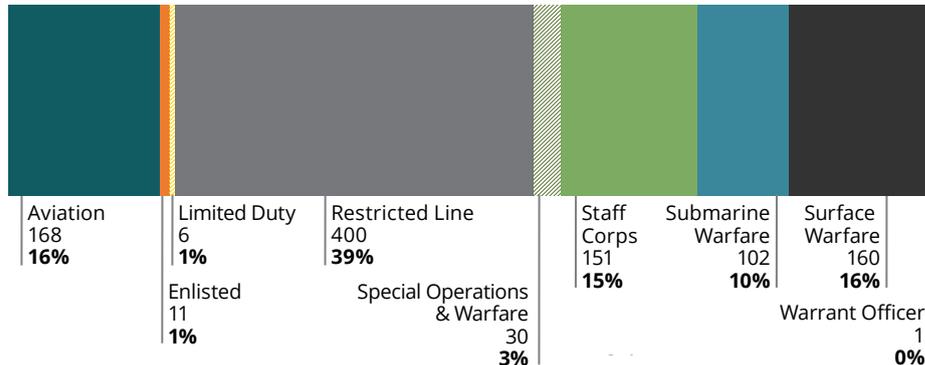


Numbers may not sum to total due to rounding.

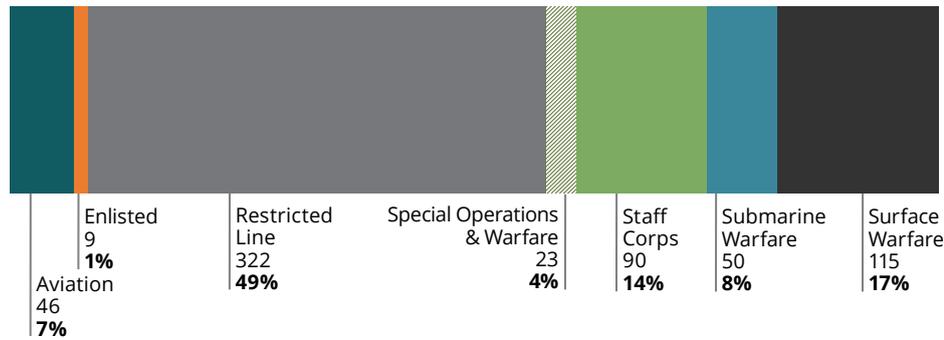
GRADUATE PROGRAM STUDENTS

By USN/R Community – Average on Board 2019

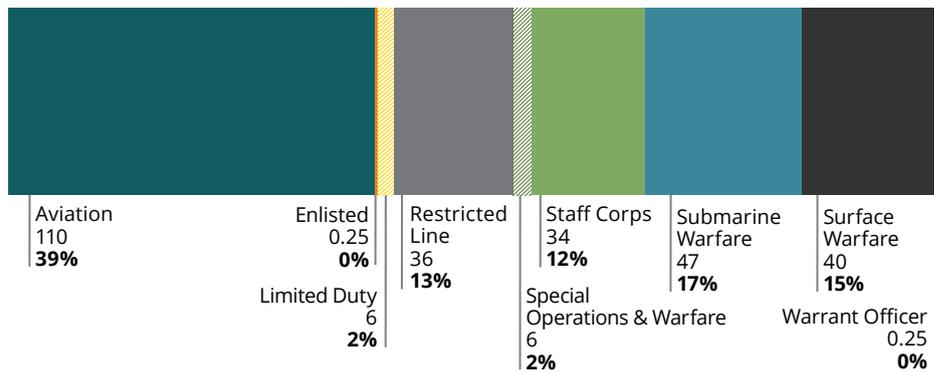
TOTAL USN/R Communities (total 1028).....



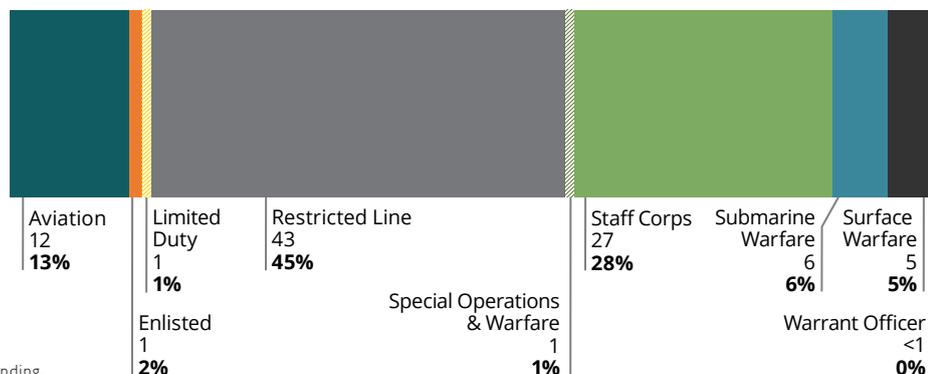
Full-time Resident (total 655).....



Distance Learning (total 277)



Certificates (total 96)

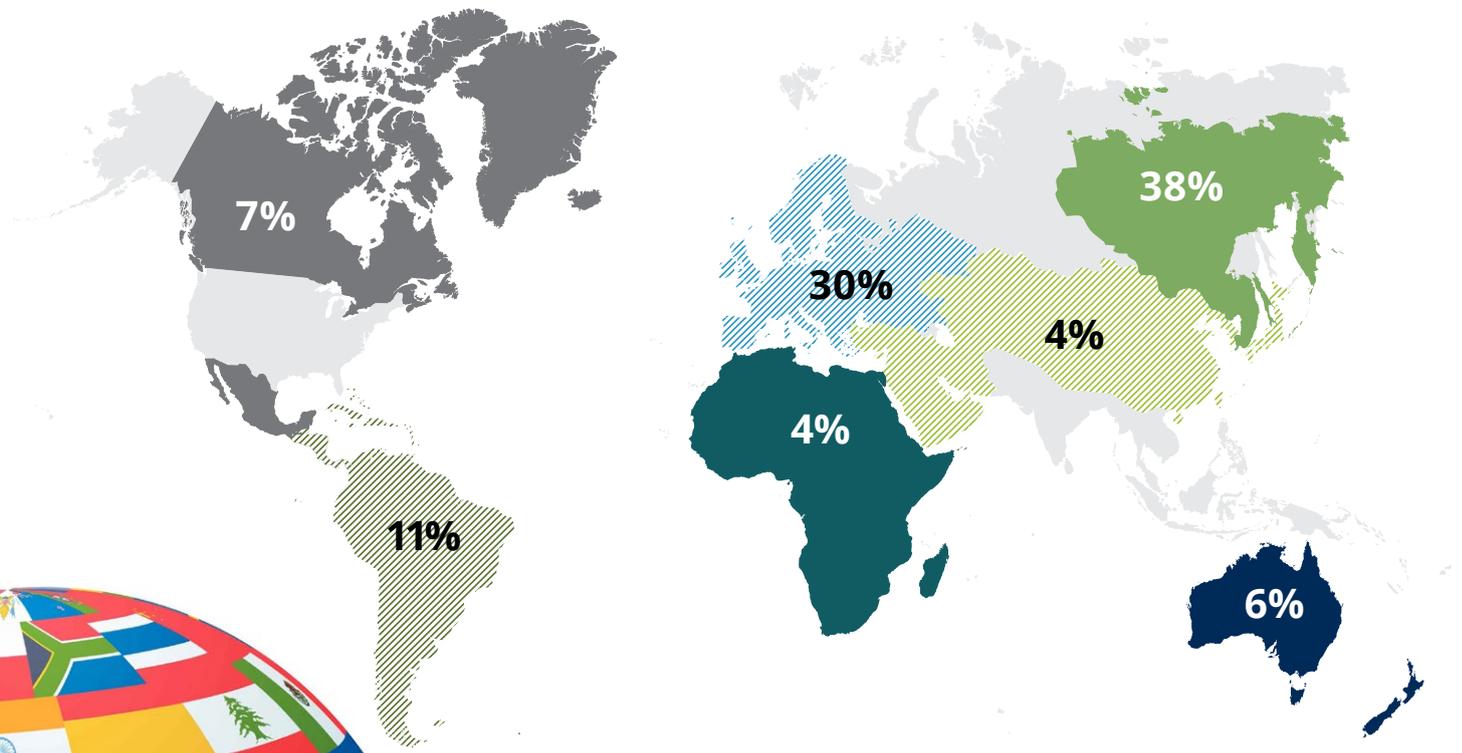


Numbers may not sum to total due to rounding.

INTERNATIONAL RESIDENT DEGREE STUDENTS

By Region – Average on Board 2019

Australia and New Zealand		Africa		Europe		Far/Near East	
Australia	7	Cameroon	0	Albania	1	Indonesia	4
Total	7	Mali	2	Bulgaria	1	Japan	1
		Mauritius	1	Denmark	1	Korea	11
North America		Nigeria	0	Finland	1	Mongolia	2
Canada	4	Uganda	2	Georgia	2	Nepal	1
Mexico	5	Total	5	Germany	11	Philippines	3
Total	9	Caribbean, Central and South America		Greece	9	Singapore	17
		Brazil	8	Netherlands	2	Sri Lanka	2
Central/East Asia and Middle East		Chile	0	Norway	2	Taiwan	6
Bahrain	1	Colombia	2	Poland	1	Thailand	1
Iraq	1	Guyana	1	Portugal	1	Total	47
Israel	1	Peru	2	Romania	1		
Jordan	1	Total	14	Slovakia	1		
Pakistan	2			Sweden	2		
Saudi Arabia	1			Switzerland	2		
Total	6			Turkey	1		
				Ukraine	1		
				Total	37		



Degree Students	
Africa	5
Australia & New Zealand	7
Caribbean, Central & South America	14
Central/East Asian & Middle East	6
Europe	37
Far/Near East	47
North America	9
Total	123

Military officers from more than 110 allied nations have studied at the university, often bringing their families with them. The cultural exchange builds lifelong relationships between NPS' U.S. students and their international colleagues.

Numbers may not sum to total due to rounding.

GRADUATE DEGREE ENROLLMENT

All degrees by Curricula – Average on Board 2019

Resident Programs	Curriculum Number	USN	USMC	Intl Military & Civilian	U.S. Civilian	Other Services	Grand Total
GSDM							
Acquisitions & Contract Management	815	21	12	2	0	30	65
Defense Business Management	809	0	0	0	1	0	1
Defense Systems Analysis	817	0	12	1	0	1	14
Defense Systems Management (International)	818	0	0	2	0	0	2
Financial Management	837	47	9	1	0	0	57
Financial Management (Energy Specialty)	838	0	0	0	0	0	0
Information Systems Management MBA	870	4	0	1	0	2	7
Manpower Systems Analysis	847	27	14	4	0	1	46
Materiel Logistics Support Management	827	10	9	1	0	1	20
Resource Planning/Mgmt for Int'l Defense	820	0	0	1	0	0	1
Supply Chain Management	819	13	0	1	0	1	15
Systems Acquisition Management	816	3	0	0	0	7	9
Transportation Management	814	0	0	0	0	1	1
GSDM Total		124	55	14	1	44	238
GSEAS							
Aerospace Engineering	609	6	0	0	0	1	7
Applied Mathematics	380	1	0	0	0	9	9
Applied Mathematics (PhD)	381	0	0	0	1	1	2
Combat Systems Science & Engineering	533	34	4	10	0	2	49
Electrical Systems Engineering - Energy Focus	593	0	0	0	0	1	1
Electronic Systems Engineering	590	46	15	11	1	1	73
Electronic Systems Engineering (PhD)	594	7	0	1	0	0	8
Engineering Acoustics (PhD)	536	0	0	2	0	0	2
Meteorology	372	0	0	0	0	2	2
Meteorology (PhD)	387	2	0	0	0	1	3
Meteorology and Oceanography (METOC)	373	35	0	2	0	0	37
Naval/Mechanical Engineering	570	38	0	1	1	0	39
Naval/Mechanical Engineering - Energy Focus	563	5	0	0	0	0	5
Naval/Mechanical Engineering (PhD)	573	1	0	0	2	0	3
Oceanography	440	0	0	4	0	0	4
Oceanography (PhD)	443	3	0	0	0	0	3
Applied Physics (PhD)	537	2	0	0	2	0	4
Space Systems Engineering	591	20	0	0	0	0	20
Space Systems Engineering (PhD)	597	0	0	0	2	0	2
Space Systems Operations	366	16	10	0	0	2	28
Space Systems Operations (Intl)	364	0	0	0	0	0	0

Numbers may not sum to total due to rounding.

GRADUATE DEGREE ENROLLMENT

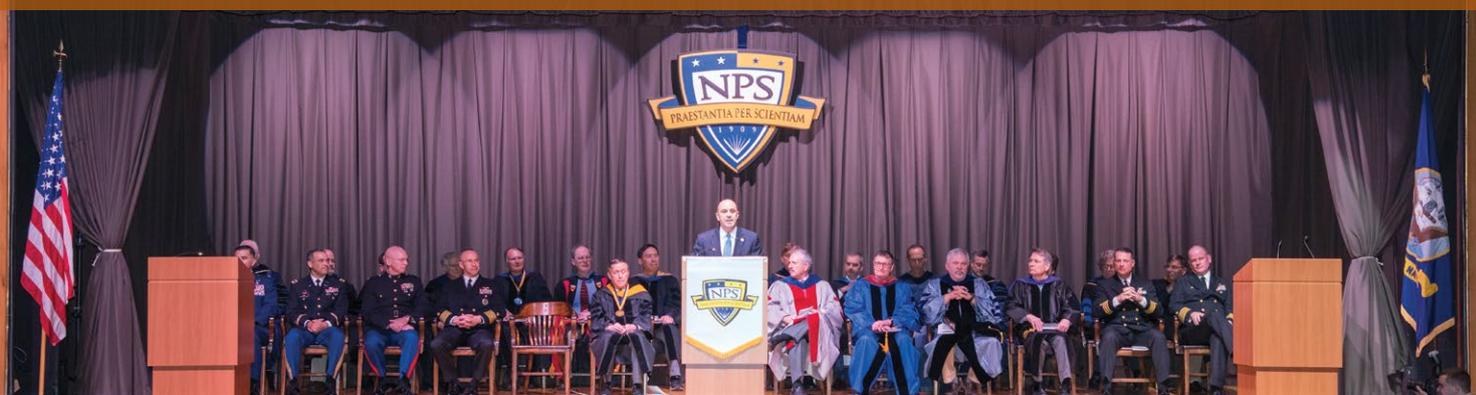
All degrees by Curricula *continued*

Systems Engineering	580	18	0	5	0	2	25
Systems Engineering (PhD)	581	0	0	0	3	0	4
Systems Engineering (PhD) (Hybrid)	582	0	0	0	0	0	0
Systems Engineering Analysis	308	14	0	1	0	0	14
Systems Engineering Management-System Acquisition	522	0	0	0	0	43	43
Undersea Warfare	525	25	0	0	0	0	25
Undersea Warfare (International)	526	0	0	5	0	0	5
GSEAS Total		271	28	39	12	65	414
GSOIS							
Applied Cyber Operations	336	6	0	0	0	0	6
Computer Science	368	29	21	7	16	1	74
Computer Science (PhD)	384	0	0	0	2	0	2
Cyber Systems and Operations	326	37	0	0	0	3	40
Human Systems Integration	362	0	0	1	0	1	2
Information Sciences (PhD)	474	1	1	0	11	2	14
Information Sciences (PhD) (Hybrid)	473	0	0	0	5	0	5
Information Strategy and Political Warfare	698	0	0	2	0	24	26
Information Systems & Technology	370	0	24	2	0	1	27
Information Warfare	595	0	19	0	0	0	19
Joint Cmd, Cntrl, Comm, Comp/Intel (C4I) Sys	365	0	4	1	0	1	6
Modeling, Virtual Environments & Simulation	399	1	10	5	0	2	18
Modeling, Virtual Environments & Simulation (PhD)	398	1	0	0	0	1	2
Network Operations and Technology	386	28	0	0	0	1	29
Operations Analysis	360	42	28	9	1	18	97
Operations Analysis (PhD)	382	0	2	0	0	0	2
Operations Research Logistics Analysis	361	15	0	0	0	0	15
Special Operations	699	19	1	19	1	80	119
GSOIS Total		178	111	45	34	134	502
SIGS							
Civil-Military Relations	685	0	0	3	0	0	3
Combating Terrorism: Policy and Strategy	693	0	0	11	0	0	11
Europe and Eurasia	684	13	9	4	1	10	37
Far East, Southeast Asia, Pacific	682	24	10	1	1	13	48
Homeland Defense and Security	692	0	1	0	130	6	137
Homeland Security and Defense	691	11	0	1	0	3	15
Middle East, South Asia, Sub-Saharan Africa	681	14	6	0	0	22	42
Security Studies (PhD)	694	2	0	0	2	2	6
Strategic Studies	688	5	0	6	0	4	15
Western Hemisphere	683	14	3	0	0	14	31
SIGS Total		82	28	26	134	74	343
RESIDENT TOTAL		655	221	123	181	317	1497

Numbers may not sum to total due to rounding.

GRADUATE DEGREE ENROLLMENT *continued*

Distance Learning Programs	Curriculum Number	USN	USMC	Intl Military & Civilian	U.S. Civilian	Other Services	Grand Total
GSDM							
Contract Management (DL)	835	2	1	0	36	5	44
Executive Master of Business Administration (DL)	805	121	17	0	0	0	138
Executive Master of Business Administration(DL-Civ)	807	0	0	0	65	0	65
Program Management (DL)	836	1	4	0	27	0	32
GSDM Total		124	22	0	127	5	278
GSEAS							
Aerospace Engineering (DL)	608	0	0	0	1	1	2
Aviation Systems Engineering (DL)	312	18	4	0	5	6	32
Electronic Systems Engineering (DL)	592	0	0	0	60	2	63
Mechanical Engrg for Nuclear Trained Officers (DL)	572	39	0	0	1	0	39
Naval Test Pilot/Mechanical & Aerospace Engineering Program (DL)	613	6	2	0	0	0	7
Reactors - Mechanical/Electrical Engineering (DL)	571	17	0	0	0	0	17
Systems Engineering (DL)	311	15	5	0	171	0	191
Systems Engineering (PhD)	581	0	0	0	5	0	5
Systems Engineering (PhD) (Hybrid)	582	0	0	0	6	0	6
Systems Engineering Management - Systems and Program Management (DL)	722	0	0	0	24	0	24
Systems Engineering Management-PD21 (DL)	721	4	0	0	27	1	31
Underwater Acoustic Systems (DL)	535	1	0	0	6	0	6
GSEAS Total		98	10	0	304	10	422
GSOIS							
Cost Estimating and Analysis (DL)	379	1	1	1	35	0	37
Human Systems Integration (DL)	359	19	4	1	7	0	31
Information Sciences (PhD) (Hybrid)	473	0	0	0	7	0	7
Systems Analysis (DL)	363	36	6	0	5	0	46
GSOIS Total		56	11	2	52	0	121
DL Total		277	43	2	484	15	820



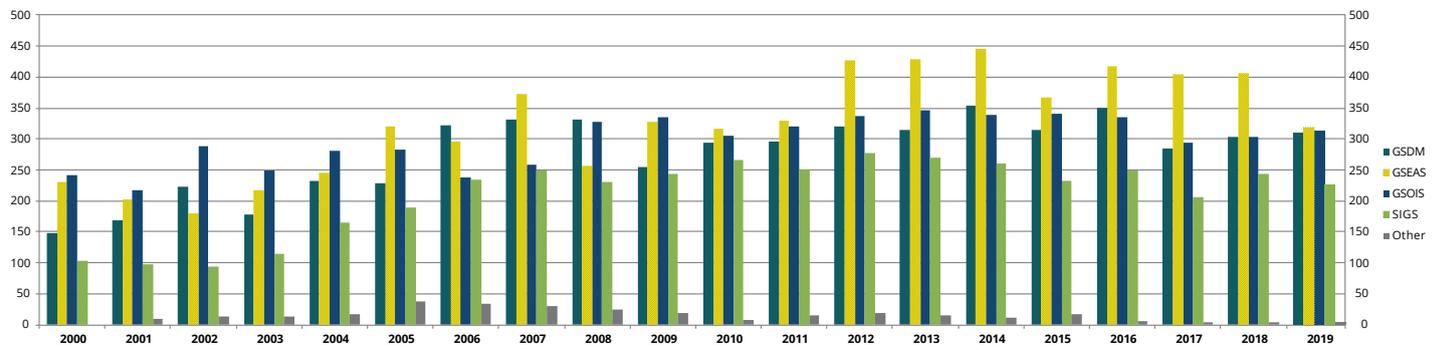
GRADUATE DEGREES CONFERRED ACADEMIC YEAR 2019

Graduate School of Defense Management	308
EMBA Executive Master of Business Administration	95
MBA Master of Business Administration	132
MS Contract Management	17
MS Management	38
MS Program Management	26
Graduate School of Engineering and Applied Sciences	317
EAAC — ENGINEERING ACOUSTICS ACADEMIC COMMITTEE	8
M Engineering Acoustics	4
MS Engineering Acoustics	3
PhD Engineering Acoustics	1
ECE — ELECTRICAL AND COMPUTER ENGINEERING	72
EE Electrical Engineer	4
MEng Electrical Engineering	33
MS Electrical Engineering	30
MS Engineering Science (Electrical Engineering)	3
PhD Electrical Engineering	2
MA — APPLIED MATHEMATICS	6
MS Applied Mathematics	6
MAE — MECHANICAL AND AEROSPACE ENGINEERING	64
MS Astronautical Engineering	10
MS Engineering Science (Aerospace Engineering)	9
MS Engineering Science (Mechanical Engineering)	16
MS Mechanical Engineering	29
MR — METEOROLOGY	11
MS Meteorology	2
MS Meteorology and Physical Oceanography	7
PhD Meteorology	2
OC — OCEANOGRAPHY	10
MS Meteorology and Physical Oceanography	7
MS Physical Oceanography	2
PhD Physical Oceanography	1
PH — PHYSICS	20
MS Applied Physics	13
MS Combat Systems Technology	1
MS Physics	5
PhD Applied Physics	1
SE — SYSTEMS ENGINEERING	106
MS Engineering Systems	21
MS Systems Engineering	73
MS Systems Engineering Management	10
PhD Systems Engineering	2
SP — SPACE SYSTEMS ACADEMIC GROUP	14
MS Space Systems Operations	14
PROVOST OVERSIGHT (OTHER)	6
MS Systems Engineering Analysis	6
Graduate School of Operational and Information Sciences	310
CS — COMPUTER SCIENCE	54
MS Computer Science	44
MS Modeling, Virtual Environments and Simulation	10
DA — DEFENSE ANALYSIS	97
MS Defense Analysis (Financial Management)	2
MS Defense Analysis (Irregular Warfare)	67
MS Defense Analysis (National Security Affairs)	6
MS Defense Analysis (Terrorist Operations & Financing)	3
MS Information Strategy and Political Warfare	19
IS — INFORMATION SCIENCES	52
MS Applied Cyber Operations	6
MS Cyber Systems and Operations	7
MS Information Technology Management	15

GRADUATE DEGREES CONFERRED ACADEMIC YEAR 2019 *continued*

MS Information Warfare Systems Engineering	10
MS Network Operations and Technology	10
MS Systems Technology (Command, Control, and Communications)	2
PhD Information Sciences	2
OR — OPERATIONS RESEARCH	107
M Cost Estimating and Analysis	20
M Human Systems Integration	12
M Systems Analysis	22
MS Applied Science (Operations Research)	2
MS Human Systems Integration	1
MS Operations Research	50
School of International Graduate Studies	226
NSA — NATIONAL SECURITY AFFAIRS	226
MA Security Studies (Civil-Military Relations)	6
MA Security Studies (Combating Terrorism: Policy and Strategy)	11
MA Security Studies (Europe and Eurasia)	32
MA Security Studies (Far East, SE Asia, the Pacific)	29
MA Security Studies (Homeland Security and Defense)	80
MA Security Studies (Middle East, South Asia, Sub-Saharan Africa)	37
MA Security Studies (Strategic Studies)	9
MA Security Studies (Western Hemisphere)	22
NPS TOTAL	1161

Degrees Conferred by Academic School



SCHOOLS	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
GSDM	148	169	223	177	233	229	322	331	331	255	293	295	321	315	354	315	351	285	303	308
GSEAS	231	202	179	217	245	320	295	372	257	328	317	329	426	428	446	366	418	404	407	311
GSOIS	241	217	289	249	280	282	237	259	327	335	305	321	337	346	338	340	335	294	303	310
SIGS	103	98	93	115	165	190	234	249	230	243	265	250	277	269	261	232	249	206	243	226
Other	-	10	14	13	17	38	34	30	25	18	8	15	18	15	12	16	5	4	4	6
Total	723	696	798	771	940	1,059	1,122	1,241	1,170	1,179	1,188	1,210	1,379	1,373	1,411	1,269	1,358	1,193	1,260	1,161

NPS EXECUTIVE EDUCATION

The Naval Postgraduate School (NPS) extends world-class executive education and professional development (EE/PD) programs to mid- and 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, fly-away teams 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). The majority of EE/PD programs are provided by five separate units at NPS, with additional smaller EE/PD programs within several of NPS' academic departments.

CEE

The Center for Executive Education (CEE) designs and delivers a wide variety of executive education programs as part of the Navy Executive Development Program (NEDP) for Flag Officers, SES's, Captains, GS-15's and select Command/Fleet/ Force Master Chiefs. CEE programs address the strategic-level executive needs of senior Navy leaders and are designed to provide the knowledge, skills, and tools needed to manage and lead effectively in complex DoD organizations.

CCMR

The Center for Civil-Military Relations (CCMR) provides unique executive education and advisory programs that meet US and partner mutual interests, build partner capacity, and advance interagency and international cooperation. CCMR is a primary security cooperation provider, with efforts focused on civil-military relations, policy and governance, management and acquisition, peacekeeping, combating violent extremism, disaster preparedness and response, and supporting the security cooperation community. In 2019 CCMR was renamed to the Institute for Security Governance (ISG) and is a Defense Security Cooperation Agency (DSCA) and no longer reports into NPS.

DRMI

The Defense Resources Management Institute (DRMI) conducts professional education programs in resources management and analytical decision making for military officers of all services as well as civilian officials from the U.S. and over 170 partner nations. This provides a unique opportunity for U.S. students to collaborate, share, and learn with international participants.

RSEP

The Regional Security Education Program (RSEP) provides deploying Naval Forces with information regarding security challenges for the regions in which they will deploy and operate. The training is given to Carrier Strike Groups (CSG) and Amphibious Readiness Groups (ARG) staffs to provide them with a better understanding of the cultural and security challenges they face on deployment.

CHDS

The Center for Homeland Defense and Security (CHDS) develops and offers an array of educational resources to the national homeland security enterprise that significantly advance the strategic and critical thinking abilities of its emergency management leadership.

ACADEMIC DEPARTMENTS

While the majority of EE/PD activity at NPS occurs in the five programs mentioned, many of the academic departments within the four Graduate Schools also provide EE/PD courses that complement their academic programs.

2019 QUICK FACTS:

STUDENT ENROLLMENT

After a multi-year increasing trend, total attendance in EE/PD decreased in 2019, with 277 courses offered to over 14k students.

EE/PD FUNDING

2019 EE/PD funding overall was over \$29mil, a \$3mil increase over 2018.

STUDENT TYPES

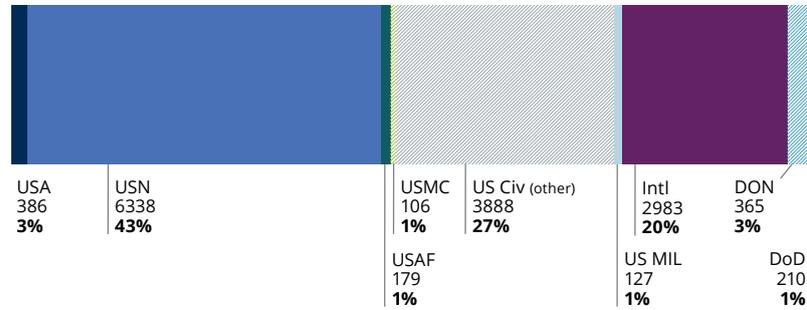
The largest group of EE/PD students, at 43% overall, were U.S. Navy students in 2019.

LOCATIONS

57% of NPS' EE/PD courses were conducted in the U.S., 105 courses taught abroad, another 10 courses at sea and 4 courses online or via distance learning.

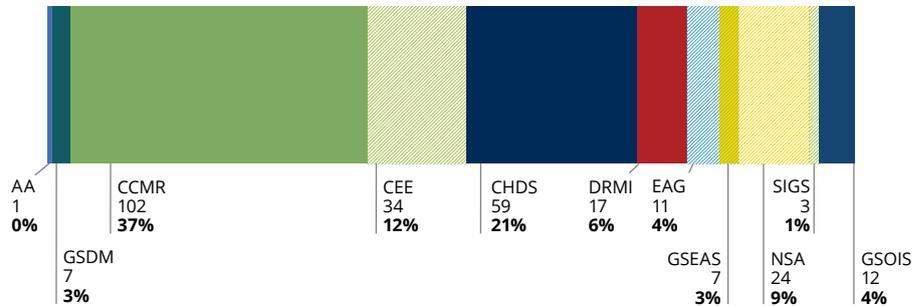
TOTAL STUDENTS ENROLLED by affiliation – 14,582 total students

The largest group of EE/PD students, at 48% overall, was from the Department of Defense (DoD) in 2019.



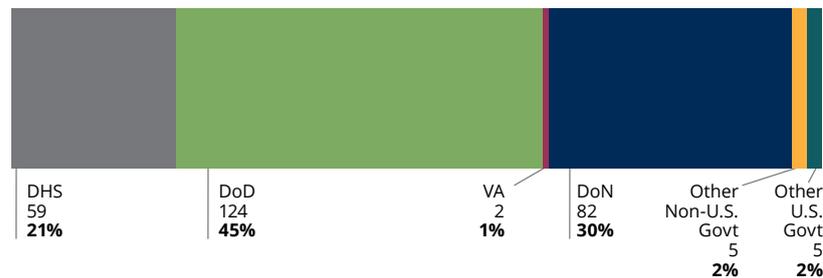
TOTAL COURSES by organization – 277 total courses

CCMR courses offered significantly decreased due to a re-alignment. It is now aligned under the Defense Security Cooperation Agency (DSCA) and renamed the Institute for Security Governance (ISG).



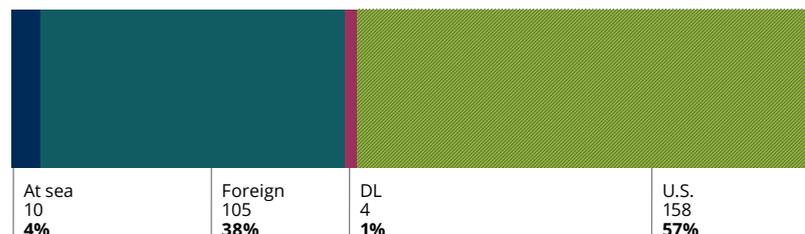
TOTAL COURSES EXECUTED by sponsor – 277 total courses

Over 95% of the course sponsorship came from the three main sponsors (DoD, DON, DHS) in 2019.



TOTAL COURSES EXECUTED by location – 277 total courses

Unlike previous years, the majority of NPS' EE/PD courses were conducted in the U.S.



NPS FACULTY

FACULTY BY RANK

Tenure Track

RANK	GSDM	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
PROFESSOR	16	43	28	8	1	2	98
ASSOCIATE PROFESSOR	17	31	22	12	--	2	84
ASSISTANT PROFESSOR	13	14	14	4	--	--	45
TOTAL	46	88	64	24	1	4	227

Non-Tenure Track

RANK	GSDM	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
SENIOR LECTURER	21	12	25	6	--	3	67
LECTURER	12	10	8	11	--	11	52
PROFESSOR OF THE PRACTICE	5	9	4	--	--	--	18
RESEARCH PROFESSOR	--	7	5	--	--	--	12
RESEARCH ASSOCIATE PROFESSOR	2	11	9	1	--	--	23
RESEARCH ASSISTANT PROFESSOR	--	9	2	1	--	--	12
ADMINISTRATIVE FACULTY	1	2	4	3	--	9	19
ASSOCIATE FACULTY	9	52	67	10	2	4	144
TOTAL	50	112	124	32	2	27	347
GRAND TOTAL	96	200	188	56	3	31	574

Graduate School of Defense Management (GSDM)
 Graduate School of Engineering and Applied Sciences (GSEAS)
 Graduate School of Operational and Information Sciences (GSOIS)
 School of International Graduate Studies (SIGS)

NPS Faculty Distribution

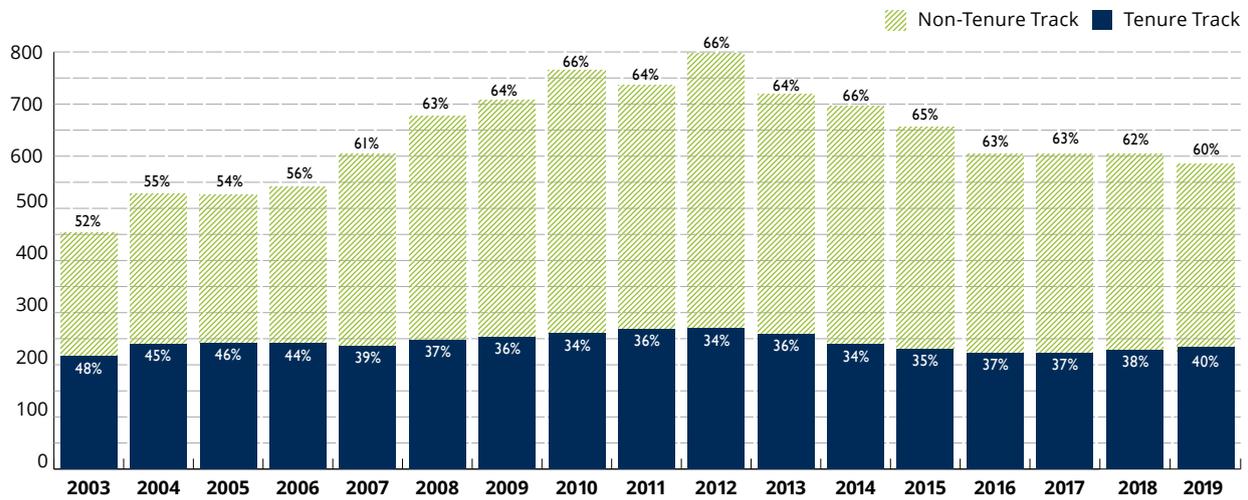
	GSDM	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
TENURE TRACK	46	88	64	24	1	4	227
NON-TENURE TRACK	50	112	124	32	2	27	347
TOTAL	96	200	188	56	3	31	574

NPS Faculty Distribution

	GSDM	GSEAS	GSOIS	SIGS	RESEARCH	ADMIN	TOTAL
	96	200	188	53	3	31	574
PERCENTAGE	17%	35%	33%	9%	1%	5%	100%

TENURE TRACK/NON-TENURE TRACK FACULTY

Trend since 2003



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TENURE TRACK	216	240	242	241	236	248	254	260	269	270	259	239	230	223	228	231	227
NON-TENURE TRACK	238	288	283	301	369	428	454	504	468	527	460	457	426	382	384	379	347
TOTAL	454	528	525	542	605	676	708	764	737	797	719	696	656	605	612	610	574

Source: Faculty Administration

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
TENURE TRACK	48%	45%	46%	44%	39%	37%	36%	34%	36%	34%	36%	34%	35%	37%	37%	38%	40%
NON-TENURE TRACK	52%	55%	54%	56%	61%	63%	64%	66%	64%	66%	64%	66%	65%	63%	63%	62%	60%
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

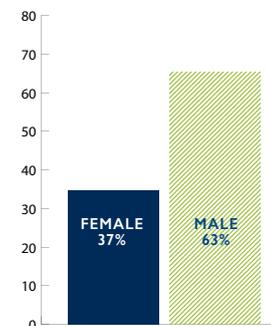
FACULTY AND STAFF 2019

By Ethnicity

	Black/African American	American Indian/Alaskan Native	Asian	Native Hawaiian/Pacific Islander	Hispanic	White	Two or More	Total
NPS GS/WG	32	1	46	5	33	181	40	338
NPS FACULTY	3	4	43	2	21	477	24	574
TOTAL	35	5	89	7	54	658	64	912

By Gender

	FEMALE	MALE	TOTAL
NPS GS/WG	185	153	338
NPS FACULTY	140	434	574
TOTAL	325	587	912



Numbers may not sum to total due to rounding.

PATENTS

Agile attitude control system for small spacecraft

Romano, Marcello; Oppenheimer, Paul (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-12-31).

An agile attitude control system (AACS) that is a three axis attitude control device for small spacecraft based on miniature single gimbal control moment gyroscopes (SGCMGs) actuators. The AACS enables agile attitude slewing and accurate pointing/tracking for spacecraft made of multiple CubeSat units, or, more generally, for nanosatellites.

Super Dielectric Capacitor Having Electrically and Ionically Conducting Electrodes

Phillips, Jonathon; Fromille, Samuel Salvadore IV; Lurhs, Claudia (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-12-24)

Image-matching navigation method and apparatus for aerial vehicles

Yakimenko, Oleg A.; Decker, Ryan J. (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-12-24)

A method and apparatus for estimating the position and attitude of an aerial vehicle transiting over terrain through a combination of steps combining image registration and the inherent image coordinate system of the camera. The aerial vehicle captures an image of the terrain and extracts features from the camera image and pre-existing aerial imagery, and determines a perspective transform between the images. Image reference points are projected with the 2D perspective transform and an elevation map provides estimated 3D coordinates of the image reference points. Subsequently a camera position and orientation necessary for the camera to obtain the initial camera image is determined by projecting reference points with locations defined by the image coordinate system of the camera to define terrain points, and conducting an optimization to minimize displacements between the estimated coordinates and the terrain coordinates. The estimated camera position provides a location and attitude for the aerial vehicle.

Image-Matching Navigation Method and Apparatus for Aerial Vehicles

Yakimenko, Oleg A.; Decker, Ryan J. (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-12-24)

Continuous wave (CW) radar system for phase-coded time delayed transmit-receive leakage cancellation

Jenn, David C.; Pace, Phillip E.; Romero, Ric A. (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-12-17)

Disclosed is a method, system, and apparatus for transmitting a randomly phase-coded CW waveform in a manner that suppresses signal leakage and enables the recovery of polyphase subcodes advantageous for the purposes of correlation and pulse compression. The CW system transmits and receives a random waveform while concurrently providing properly delayed phase conversion parameters (τ -) from a corrections generator to various range gates. Each range gate processes any echo returns using a most recent phase conversion parameters (τ -) provided and correlation of the resulting echo subcodes (τ -) provided to the range gate. The system may transmit

the randomly phase-coded CW waveform while recovering any phase code (τ -) that lends itself to advantageous pulse compressions.

Vertical burial containment system

Romano, Marcello; Oppenheimer, Paul (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-12-31).

A vertical burial container comprising a midsection containment, upper cylindrical lid, interior volume, and a domed upper lid. The midsection containment comprises internal threads surrounding the upper circular opening and comprises a set of external threads surrounding the base. The external threads and the internal threads are mating threads to allow multiple containers to be threadably engaged for handling as a single unit. An upper cylindrical lid having external threads mated with the internal threads allows isolation of the interior volume of the midsection containment. Additionally, the vertical burial system additionally comprises an upper lid with internal threads for threadable engage with the internal threads. The various threads have respective thread lengths to accommodate either an upper lid or another midsection containment to be threadably engaged into the internal threads without displacing the inner cylindrical lid isolating the interior volume.

Systems and methods for autonomous operations of ground station networks

Minelli, Giovanni; Karpenko, Mark; Ross, Issac Michael (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-11-12)

A mission planning system for scheduling the operations of one or more ground stations in order to optimize overall system communications with a plurality of satellites. The mission planning system comprises a digital processor in communication with each ground station, with the digital processor acting to assess the benefits and penalties acting in the system as a whole over a given time horizon. A systemwide cost function evaluated by the processor generally compares resultant SNR and slewing penalties for achievable communications, and provides a control vector $j(t)$ for each ground station determined through an optimization process, in order that various physical constraints and weighting factors pertinent to an individual ground station may be incorporated and accommodated as the digital processor optimizes overall system communications.

Method of electrochemically-driven coated material synthesis

Johannes, Andrew C.; Osswald, Sebastian (The United States of America as represented by the Secretary of the Navy, Washington, DC (US), 2019-09-10)

Provided here is a method for providing a coating on a plurality of substrate particles utilizing concurrent dissolution and deposition processes occurring among a plurality of source particles. Both the plurality of source particles and the plurality of substrate particles are freely immersed in the aqueous solution to form a slurry. A pH of the aqueous solution the electrochemical potential between the plurality of source particles and the aqueous solution establishes the source particles at a corrosion potential providing the concurrent dissolution and re-deposition of a cationic species on the source particles. Agitation of the slurry generates close proximity and/or brief contact

PATENTS

between source and substrate particles causing substrate particles pass through the local environment of the source particles, resulting in some portion of the cationic species depositing at nucleation sites on the substrate particles.

Robot Vision in Autonomous Underwater Vehicles Using the Color Shift in Underwater Imaging

Jones, Jacob A. (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-08-13)

Apparatus and method for locating camera towers an scheduling surveillance

Salmeron-Medrano, Javier; Wood, Roger Kevin (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-08-13)

An apparatus and method for the operation of, or the arrangement and operation of, a surveillance system comprising a plurality of camera towers, each of which comprises a plurality of cameras tasked with surveillance a plurality of points-of-interest (POIs). In its most general setting, given limited camera towers, the system (a) determines which locations should install towers, (b) evaluates surveillance requirements that specify the probability that each camera should surveil each POI at any point in time, and (c) generates a set of camera configurations and frequency-of-utilization vector a for those configurations that creates a surveillance schedule to meet requirements f over T . By applying a , the apparatus and method directs each camera to orient at successive time points to surveil in a manner that is relatively unpredictable to adversaries and which meets requirements f . In specialized embodiments, surveillance requirements and/or fixed placements of camera towers are pre-specified.

Systems and methods for evaluation of potentially irradiated objects using oxygen-17 detection

Kartalov, Emil Paskalev; Gamache, Raymond M. (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-07-16)

A system for detection of a potentially irradiated object utilizing oxygen-17 (^{17}O) quantities in a local atmosphere contacting the potentially irradiated object. The local atmosphere comprises nitrogen-14 (^{14}N) and is typically air. The ^{17}O quantity in the local atmosphere is determined through sampling using mass spectroscopy, nuclear resonance magnetic imaging, gas chromatography, or some other method. The ^{17}O quantity in the local atmosphere is compared to a baseline quantity of ^{17}O and deviations are treated as an indicator that a nuclear reaction converting ^{14}N to ^{17}O has occurred or is occurring. Typically the local atmosphere is isolated to some degree from an external atmosphere via some type of enclosure or container, and the external atmosphere provides the baseline quantity of ^{17}O used for the comparison.

Energy recovery pulse forming network

Martino, Christopher Adrian (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-06-04)

An energy recovery pulse forming network and method that recovers at least a portion of the energy in a railgun by transferring energy dissipated from the railgun inductance back to an initial source of the energy, such as an input capacitor, for use by the network. This re-

duces the amount of energy required from an external power source to charge the input capacitor during subsequent railgun firings.

Dynamically tilting flat table to impart a time-varying gravity-induced acceleration on a floating spacecraft simulator

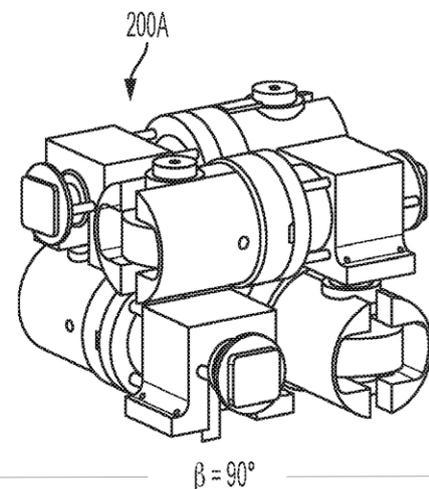
Virgili-Llop, Josep; Zappulla, Richard Salvatore II; Romano, Marcello (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-05-21)

Disclosed is a planar test bed comprising a planar surface and further comprising mechanical couplings in mechanical communication with the planar table and the supporting legs. The mechanical couplings are translatable to provide three degrees of freedom for orientation of the planar surface. A processor receives position and velocity information describing an object on the planar surface, and calculates a relative acceleration typically using a function $a_R = f(t, x, R, v, R, \mu)$. The processor communicates with the mechanical couplings to establish an orientation where a local gravity vector projects onto the planar surface and generates acceleration with magnitude and direction substantially equal to the desired acceleration a_R . The operations occur in cyclic fashion so the desired accelerations and planar orientations are updated as an object transits over the planar surface.

Chemical method to create metal films on metal and ceramic substrates

Phillips, Jonathan (The United States of America, as represented by the Secretary of the Navy, Washington, DC (US), 2019-04-30)

The disclosure provides a method for generating a metallic coating on a substrate using a mixture comprising a precursor compound typically of chromium oxide, a chemical agent typically comprising NH_3 , and an inert transport fluid. The precursor compound and chemical agent are generally in the form of particulates having mean diameters less than about 100 microns, and the transport fluid is present in an amount sufficient to facilitate application of the mixture to a substrate. The mixture is applied to a substrate and the coated substrate is heated to a temperature exceeding the decomposition temperature of the chemical agent, generating a reducing gas typically comprising CO , H_2 , and/or NH_3 . In a particular embodiment, the precursor compound is CrO_2 , Cr_2O_3 , CrO , or mixtures thereof, the chemical agent is urea, and the coated substrate is placed in a reactor having an inert atmosphere and subjected to a temperature of about 700°C . for about 5 minutes while maintaining an inert gas flow through the reactor.



NPS RESOURCES

INFORMATION TECHNOLOGY AND COMMUNICATIONS SERVICES

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: DMDC, PERSEREC, DLIFLC, NRL, FNMOC, NPS
"PACBell" Commercial ISP	AT&T	Research Network
Classified Networks	Various	Various

User Accounts

Type	FY15	FY16	FY17*	FY18	FY19
Resident Students	1,860	1,686	1,427	1,608	1,668
DL Students	1,383	1,556	1,623	1,645	1,558
Faculty	754	730	550	553	735
Staff	810	794	1,168	1,234	841
Contractors	292	272	468	514	397
Total Accounts	5,099	5,038	5,236	5,554	5,199

Education Technologies

Description	FY15	FY16	FY17	FY18	FY19
Learning Resource Center application	289	274	274	277	277
Video Bridge Ports	80	80	80	80	80
ISDN Channels available to Video Bridge	0	0	0	0	0
ISDN Gateway Channels	253	253	253	253	253
VTC Equipped Spaces	42	36	57	53	43
VTC Meeting Rooms	28	14	18	18	19
VTC or VTE Specialized Classrooms & Studios	15	24	39	39	24
Multimedia presentation systems	133	130	130	130	130
Class hours recorded & streamed via the Internet	6,012	6,416	6,302	6,359	3,388
Participant hours attended via web-conferencing system (beginning FY14)	102,341	104,211	106,641	108,287	189,995
Logins to the learning management system (not distinct users)	1,692,040	1,013,306	1,037,324	1,111,503	1,131,434

Source: Information Technology and Communications Services

*Data source changed to student information system

¹ This reflects the total number of available Video-conferencing facilities. Previous editions only accounted for facilities managed by ITACS.

INFORMATION TECHNOLOGY AND COMMUNICATIONS SERVICES

High Performance Computing (HPC)

Description	FY15	FY16	FY17	FY18	FY19
HPC supercomputer processors	4,290	4,698	5,166	4,516	6,140
HPC supercomputer users	356	327	180 ^{§§}	474	688
HPC disk space	2 PB	3.2PB	3.2 PB	3.2 PB	3.2 PB
Linux computers on campus	300 [§]	286 [§]	242 [§]	224	173 [§]
Linux users on campus	600	722	748	704	756

[§]Decrease due to virtualization

^{§§}Decrease due to expired account cleanup

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.

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), Naval Research Lab, and Defense Language Institute – Foreign Language Center (DLI-FLC).

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.

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

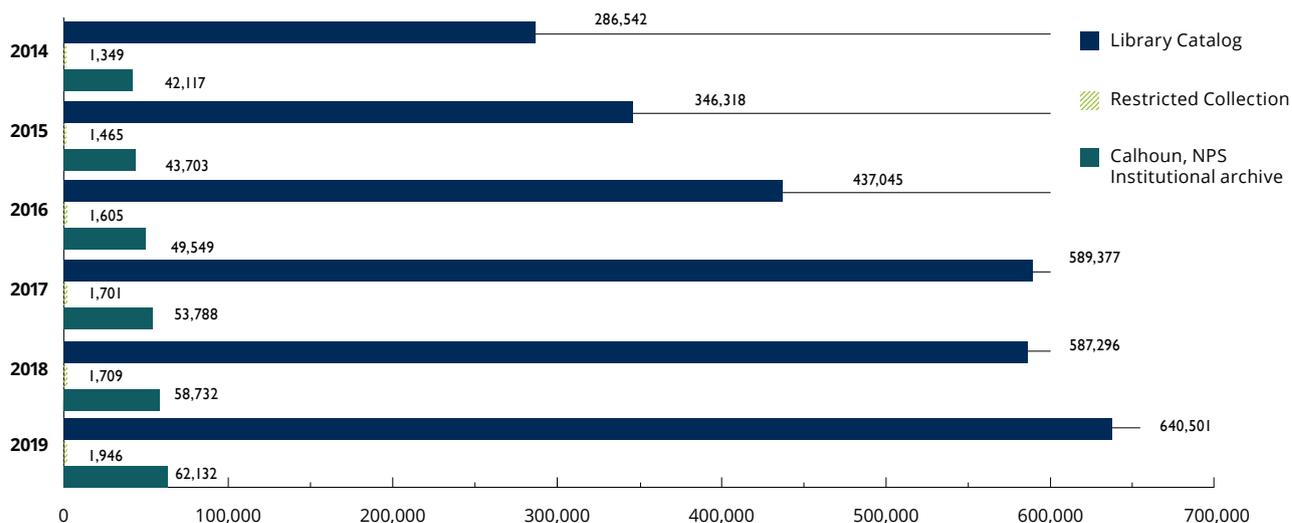
DUDLEY KNOX LIBRARY

Quick Facts

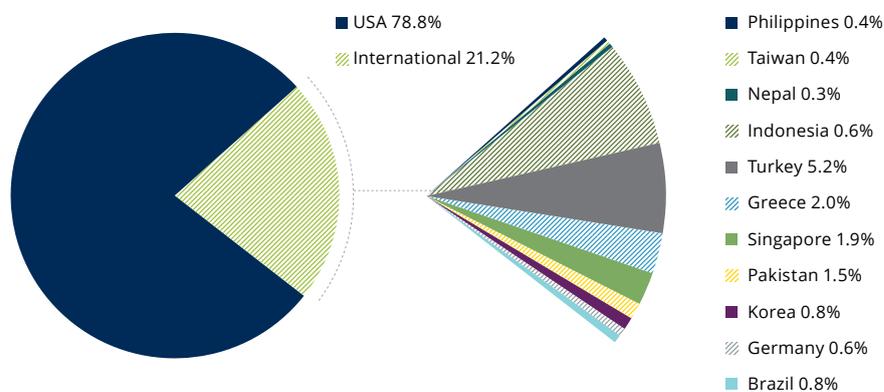
DESCRIPTION	2015	2016	2017	2018	2019
Library staff FTE	28	27	26	25	21.5
Average weekly hours (Sunday-Saturday); extended hours during finals weeks	78	78	78	78	78
eResources available in library catalog (books, journals, reports & more)	391,486	377,192	589,377	587,296	640,051
eResources available in Restricted Collection (Restricted NPS Thesis, NPS Reports, etc.)	1,465	1,605	1,701	1,709	1,946
eResources in NPS Archive: Calhoun	43,703	49,549	53,788	58,732	63,132
On-site Library visits	313,199	280,376	281,393	272,037	260,761
Average daily library visits (on-site)	909	808	842	829	1,014
Average daily library visits (virtual)*	--	4,737	4,813	1,746	2,011
Hours students used collaborative study spaces	>8,200	8,164	24,051.75	28,267.25	28,851
Students receiving library instruction	2,746	2,435	2,501	2,432	2,191
Library instruction sessions offered (face-to-face and virtual)	146	126	138	149	134

*2018 changed to Google Analytics Sessions for counting virtual visits

Number of Electronic Resources



NPS Alumni Registered for AY2019 Library Access Top Countries (N=3,530)

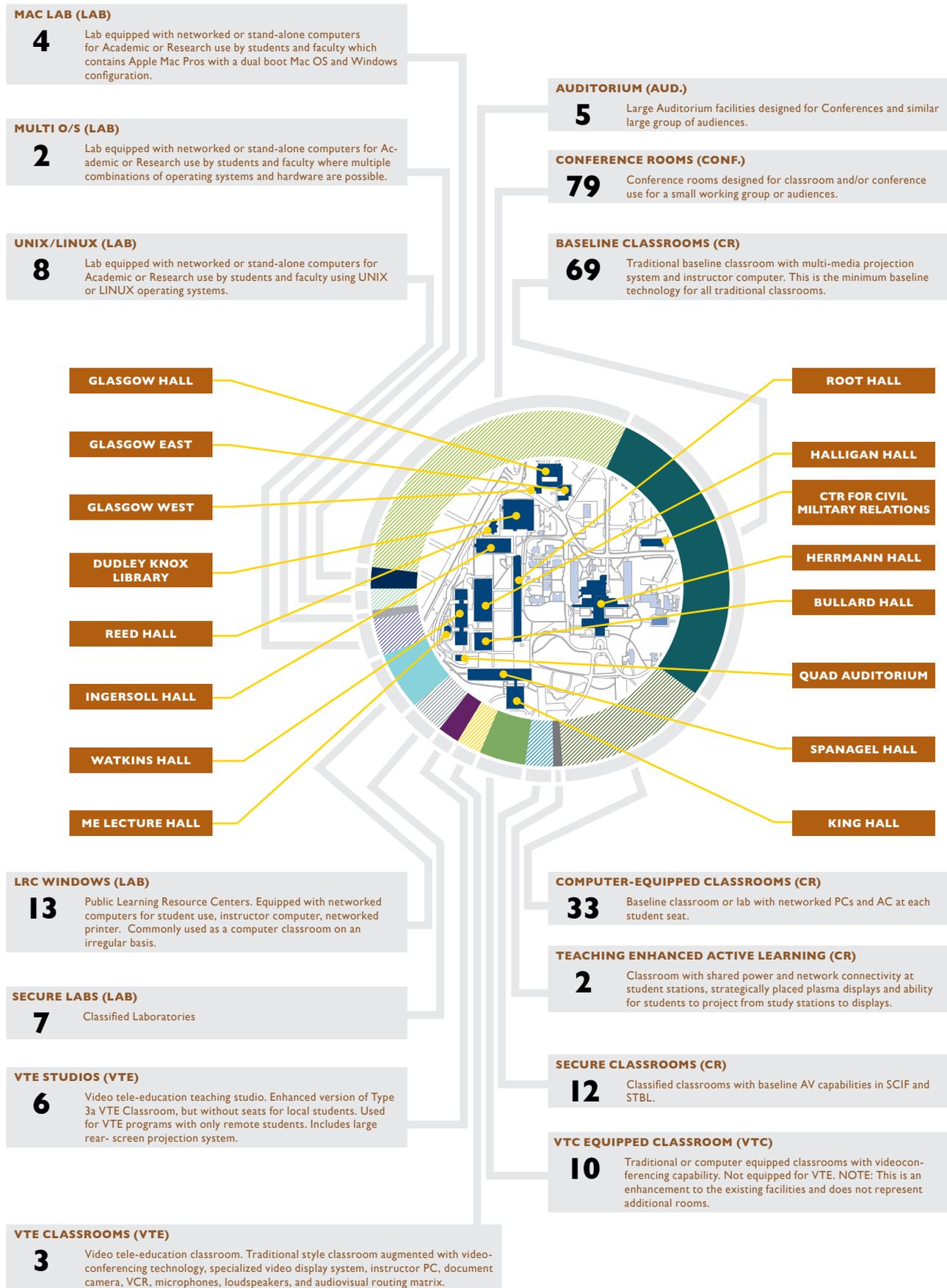


Source: Dudley Knox Library

Alumni

YEAR	TOTAL
2009	1222
2010	1540
2011	1851
2012	2098
2013	2430
2014	2754
2015	3040
2016	3279
2017	3530
2018	3975
2019	4250

ACADEMIC FACILITIES

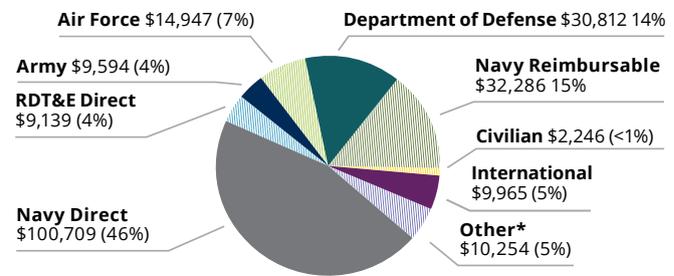


Source: Facilities Management (2014)

FINANCIALS & PROGRAMS

NPS FY2019 Revenue By Source – Direct and Reimbursable \$220 Million

	PERCENTAGE	\$K
Direct		
Navy Direct	46%	\$100,709
RDT&E Direct	4%	\$9,139
Reimbursable		
Army	4%	\$9,594
Air Force	7%	\$14,947
Department of Defense	14%	\$30,812
Navy Reimbursable	15%	\$32,286
Civilian	1%	\$2,246
International	5%	\$9,965
Other*	5%	\$10,254
		\$219,952



*Other = Dept. of Energy, Homeland Security, Dept. of Justice, Dept. of State, Dept. of Veterans Affairs, Executive Office of the President, NASA, National Science Foundation

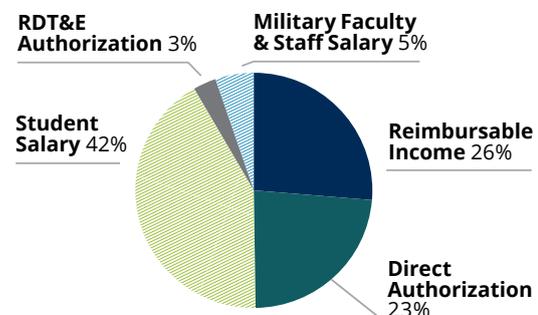
NPS FY2019 Expenditures By Category – Direct and Reimbursable \$220 Million



NPS TOTAL FINANCIAL RESOURCES

Total Operations & Military Salary – Budget by Source, FY2019

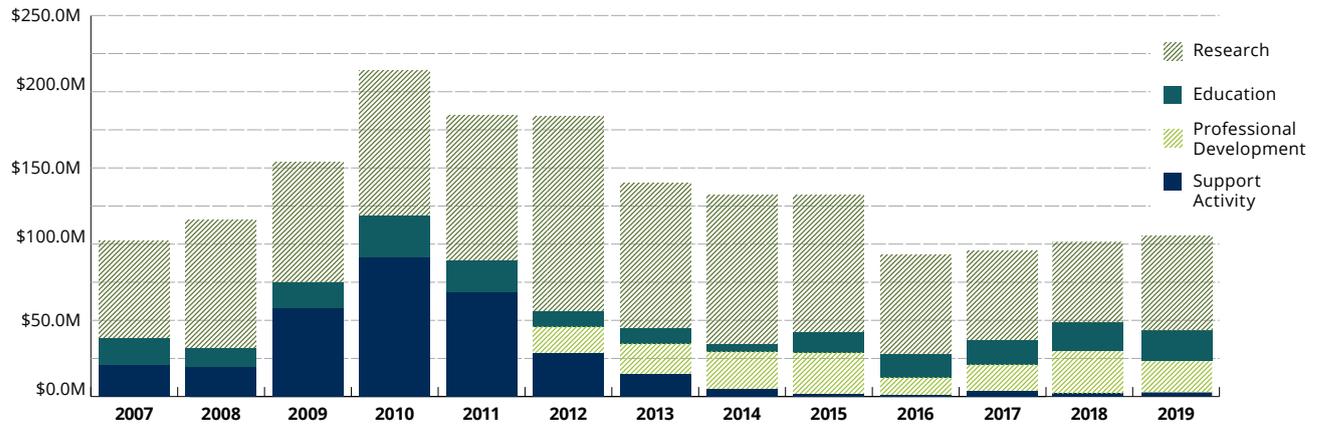
BUDGET ITEM	\$ ALLOCATED (IN MILLIONS)	PERCENTAGE
Reimbursable Income	\$110	26%
Direct Authorization	\$98	23%
Student Salary	\$175	42%
RDT&E Authorization	\$13	3%
Military Faculty & Staff Salary	\$22	5%
TOTAL	\$418	100%



Source: Comptroller

NPS SPONSORED PROGRAM FUNDING

Sponsored Program Funding Execution
By Product Line (In Millions of Dollars)



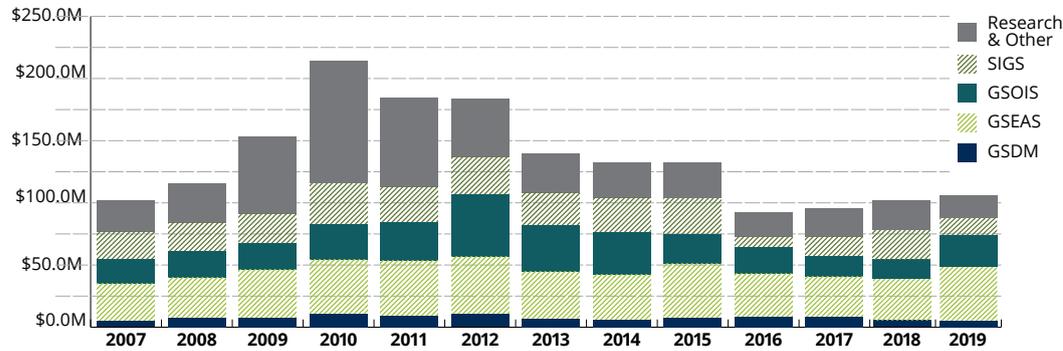
	2007	2008	2009	2010	2011	2012	2013*	2014*	2015*	2016*	2017*	2018*	2019*
Support Activity	\$20.3	\$19.6	\$57.6	\$91.2	\$68.3	\$28.4	\$14.5	\$4.7	\$1.4	\$8.54	\$3.3	\$2.6	\$2.8
Professional Development	-	-	-	-	-	\$17.2	\$20.1	\$24.9	\$27.6	\$11.5	\$17.6	\$24.6	\$18.4
Education	\$18.3	\$12.0	\$17.3	\$27.4	\$20.6	\$9.9	\$10.2	\$4.9	\$13.2	\$15.4	\$15.8	\$16.4	\$17.5
Research	\$63.8	\$84.5	\$78.6	\$95.4	\$95.9	\$128.3	\$95.1	\$98.0	\$89.9	\$64.9	\$58.8	\$57.2	\$65.8
Total	\$102.4	\$116.1	\$153.5	\$214.1	\$184.7	\$183.8	\$139.8	\$132.5	\$132.1	\$92.6	\$95.5	\$100.8	\$104.4

* Includes Naval Research Program execution under Reimbursable Research



NPS FINANCIAL OPERATIONS

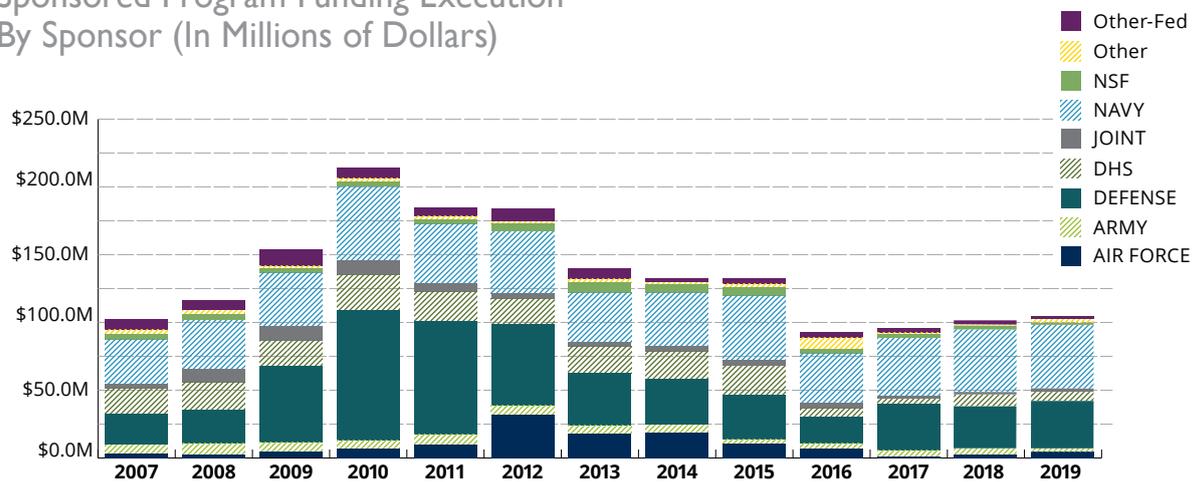
Sponsored Program Funding Execution By Division (In Millions of Dollars)



	2007	2008	2009	2010	2011	2012	2013*	2014*	2015*	2016*	2017*	2018*	2019*
GSDM	\$4.8	\$7.9	\$7.5	\$10.7	\$9.0	\$10.4	\$6.5	\$5.7	\$7.7	\$8.3	\$8.7	\$6.8	\$7.6
GSEAS	\$30.7	\$32.1	\$39.2	\$44.1	\$44.9	\$46.7	\$38.3	\$36.8	\$43.5	\$34.7	\$32.4	\$33.1	\$41.9
GSOIS	\$19.5	\$21.4	\$21.1	\$28.2	\$30.6	\$50.0	\$37.0	\$34.3	\$23.6	\$21.0	\$16.1	\$14.8	\$21.9
SIGS	\$22.0	\$22.7	\$23.6	\$32.7	\$28.7	\$30.2	\$26.3	\$27.3	\$28.9	\$8.7	\$15.7	\$22.6	\$13.7
Research & Other	\$25.4	\$31.9	\$62.1	\$98.4	\$71.5	\$46.5	\$31.7	\$28.4	\$28.3	\$19.8	\$22.6	\$23.5	\$19.3
Total	\$102.4	\$116.1	\$153.5	\$214.1	\$184.7	\$183.8	\$139.8	\$132.5	\$132.1	\$92.6	\$95.5	\$100.8	\$104.4

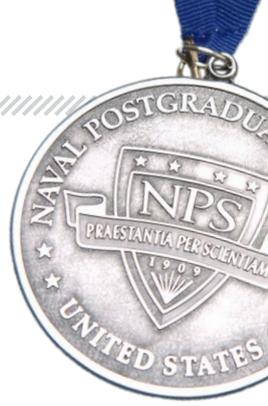
* Includes Naval Research Program execution under Reimbursable Research

Sponsored Program Funding Execution By Sponsor (In Millions of Dollars)



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
AIR FORCE	\$3.5	\$2.9	\$4.4	\$7.1	\$9.9	\$31.7	\$17.8	\$18.4	\$10.4	\$7.3	\$9.58	\$2.2	\$3.6
ARMY	\$6.3	\$7.8	\$7.4	\$6.3	\$7.9	\$7.4	\$6.1	\$6.2	\$3.5	\$3.8	\$4.9	\$4.7	\$4.0
DEFENSE	\$22.4	\$24.3	\$56.5	\$95.6	\$83.3	\$59.9	\$38.3	\$33.2	\$32.7	\$19.6	\$34.1	\$31.9	\$34.9
DHS	\$19.3	\$20.6	\$18.6	\$26.0	\$21.4	\$18.5	\$19.9	\$20.8	\$21.3	\$6.0	\$3.7	\$6.7	\$4.4
JOINT	\$3.4	\$10.2	\$10.3	\$10.5	\$6.4	\$3.9	\$3.2	\$4.0	\$3.9	\$3.9	\$1.7	\$1.9	\$2.6
NAVY	\$32.8	\$36.0	\$39.6	\$54.8	\$43.8	\$45.8	\$36.6	\$39.2	\$48.1	\$36.5	\$43.2	\$46.1	\$47.0
NSF	\$3.7	\$4.0	\$3.2	\$3.5	\$3.6	\$5.8	\$7.6	\$6.1	\$6.0	\$3.3	\$2.9	\$3.0	\$2.1
OTHER	\$3.1	\$3.2	\$1.7	\$2.5	\$2.4	\$1.6	\$2.6	\$1.8	\$2.4	\$8.3	\$1.2	\$1.4	\$3.5
OTHER-FED	\$7.9	\$7.2	\$11.8	\$7.7	\$6.0	\$9.2	\$7.8	\$2.8	\$3.8	\$3.9	\$3.0	\$2.9	\$2.2
Total	\$102.4	\$116.1	\$153.5	\$214.1	\$184.7	\$183.8	\$139.8	\$132.5	\$132.1	\$92.6	\$95.5	\$100.8	\$104.4

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, their nations and to the Naval Postgraduate School.

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The Honorable Jack R. Borsting
(Posthumous induction presented 27 Apr 2017)

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(Presented 27 March 2015)

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

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(Presented 30 Nov 2012)

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(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)

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(Presented 11 Aug 2009)

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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.

NPS GRADUATE PROGRAM EXCERPTS FROM THE AY 2019-2020 FACTBOOK

NPS Office of Institutional Research (IR)



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