

UNIVERSITY OF PITTSBURGH

SCHOOL OF NURSING



Annual Report

JULY 1, 2017 - JUNE 30, 2018

1. School-Wide Accomplishments

Under the direction of the Jacqueline Dunbar-Jacob, PhD, RN, FAAN, the University of Pittsburgh School of Nursing continues to achieve in their mission. The School of Nursing's (SON) mission is to "provide high-quality undergraduate education" and "superior graduate programs in nursing that respond to the needs of health care in general and nursing in particular within Pennsylvania, the nation, and the world." One of the SON's goals is to "produce nurses who conduct evidence-based practices, engage in scholarly activities, and translate knowledge in health sciences and health care to improve healthcare delivery to all human beings." The following report provides data demonstrating that faculty are continuing to advance the practice of nursing in the clinical, research, and teaching arenas, which includes students who are graduating as well prepared nursing leaders.

Table 1: The School of Nursing 2017-2018 rankings

<i>U.S. News & World Report's</i> 2019 Best Nursing Grad Schools: DNP Programs	Ranked 5th
<i>U.S. News & Worlds Report's</i> 2019 Best Nursing Grad Schools: MSN Programs	Ranked 7th
<i>U.S. News & Worlds Report's</i> 2019 Best Nursing Grad Schools, MSN Concentrations:	Clinical Nurse Leader: 4th
<i>U.S. News & Worlds Report's</i> 2019 Best Nursing Grad Schools, DNP Concentrations:	Health Systems Executive Leadership: 10th Nurse Anesthesia: 4th (ranked in 2017) Nursing Informatics: 7th Nurse Practitioner Adult/Gerontology, Acute Care: 7th (tie) Adult/Gerontology, Primary Care: 12th Family Nurse Practitioner: 12th Pediatric, Primary Care: 6th (tie) Psychiatric/Mental Health: 12th
<i>U.S. News & Worlds Report's</i> Best Online Graduate Nursing Programs	Ranked 23rd
The National Institutes of Health, Research Dollars Awarded	Ranked 5th
QS World University Rankings by Subject	Ranked 16th
National Research Council, Nursing PhD Programs	Ranked 10th
Healthcare Management Degree Guide	Top 20 CNL and Nursing Administration programs: 9th
College Choice	Best Nurse Practitioner Program Ranked 11th, Undergraduate Programs

Table 2: SON Key Performance Indicators 2017-2018

Primary Goal / Indicator	Target	Trend
NIH Funding Rank	Ranked 5 th or higher	2015: 10 2016: 7 2017: 5
US News and World Report Rankings DNP	Ranked 10 th or higher	2016: 8 2017: 7 2018: 5
US News and World Report Rankings MSN	Ranked 10 th or higher	2016: 13 2017: 8 2018: 7
US News and World Report Rankings MSN ONLINE	Ranked 10 th or higher	2015: 21 2016: 12 2017: 23 2018: 24
Proportion of tenured faculty with NIH grants	75% of tenured faculty will have NIH grants	2015: 10/22 (45%) 2016: 10/22 (45%) 2017: 13/ 23 (57%)
Proportion of tenure-stream faculty with research grants	75% of tenure-stream faculty have research grants	2015: 22/42 -52% 2016: 21/44 -48% 2017: 29/45 – 64%
Proportion of non-tenure stream faculty with grants	25% of non-tenured faculty have external funding	2015: 5/49 (10%) 2016: 4/47 (9%) 2017: 8/45 (18%)
Proportion of faculty with first or senior author publications	100% of faculty publish as first or senior author	2014-15: 44/90 (49%) 2015-16: 55/91 (60%) 2016-17: 60/89 (75%)
Proportion of faculty in the American Academy of Nursing	75% of full or associate professors are fellows in AAN	2015: 50% (18/36) 2016: 63% (22/35) 2017: 79% (24/35)
Proportion of students with publications		2016-17 PhD- 17/17 (100%)

Table 3: Research Activities

<i>FACULTY FUNDING*</i>	FY 2016	FY 2017	FY 2018
	7/1/15- 6/30/16	7/1/16- 6/30/17	7/1/17- 6/30/18
Federal NIH Grants Awarded Directly to SON	14	17	21
Other Federal Grants Awarded Directly to SON	4	4	4
Nonfederal Grants Awarded Directly to SON	8	17	17
Subcontracts	4	5	5
Foreign Subcontracts	2	3	3
Subaccounts from within Pitt	17	19	23
Univ of Pittsburgh Internal Awards	9	10	11
TOTAL	58	75	84

*does not include grants in a no-cost extension

2. Student Profile

ENROLLMENT

A total of 932 (14.4% male, 19.2% non-whites, and 33.8% out-of-state) students enrolled in the school during the year 2017-18 (Tables 15, 17 and 21 of Appendix B). The total enrollment translates to 842 Full-Time Equivalent (FTE), as shown on Table 16. There was a 2% enrollment increase, as compared to the previous year (2016-17), mostly in the undergraduate enrollment. The number of out-of-state students remained increased by 5.4% (Table 21). As shown in Table 25, the class of 2018 comprised of 156 students of which 6 withdrew from the University and one transferred from the School to other academic centers in the University; none was dismissed from the school. The attrition rate for the African American students admitted in the class of 2018 saw only one out of the four (25%) students dismissed from the program (Table 26). At the graduate level, we received 335 applicants, of which 181 new students were offered admission, yielding an enrollment of 121 new students (67% yield). The enrolled students were distributed in the following: Masters – 35, DNP – 84, and PhD – 2 (Table 24). During the same period, the school graduated 328 students composed of BSN- 214, MSN – 55, PhD – 3, DNP – 49, and Certificate – 1 (Table 29). The school continued accepting non-degree seeking students at both the graduate and undergraduate levels (Table 1).

TABLE 4:
TOTAL HEADCOUNT ENROLLMENT
2017-18

	2013-14	2014-15	2015-16	2016-17	2017-18
PRE-LICENSURE	556	520	482	463	500
RN-BSN COMPLETION	3	7	6	4	0
ACCELERATED 2 nd DEGREE BSN	48	64	59	58	79
MASTER'S	212	189	177	183	130
DNP	164	189	165	138	163
PhD	37	40	35	31	28
NON-DEGREE/Undergrad*	2	2	5	4	7
NON-DEGREE/MASTER'S*	38	27	31	29	22
NON-DEGREE/DNP*	1	0	0	2	0
NON-DEGREE/PhD	0	2	0	0	0
POST MASTER CERT.	5	6	4	4	3
TOTALS	1066	1046	964	916	932

Data Source: Fall Enrollment Report (Fall Term 2017)

* Non-degree data are presented in detail in Table 17, Appendix B,

BSN (PRE-LICENSURE)

The high school applicant pool for the year 2017-18 was 2,005(934 in state, 1071 out-of-state). During the year, 28% (552) of the applicants were offered admission, with 29% (159) committing to enroll in the school. Of the 159 new high school students, 44% were from out-of-state. The School also accepted qualified transfer students into the freshmen and sophomore year classes. In the year under review, 7 (3 internal and 4 external) transfer students were admitted to the school (Table 2).

TABLE 5:
BSN NEW STUDENT ENROLLMENT

Academic Year	High School Freshmen	Internal Transfer Freshmen	Internal Transfer Sophomores	External Transfer Freshmen	External Transfer Sophomores	Grand Total
2013-14	115	9	3	5	1	133
2014-15	114	2	3	6	1	126
2015-16	123	1	1	3	1	129
2016-17	130	6	0	3	0	139
2017-18	150	3	0	3	1	157

Data Source: STARS/Previous Annual Reports

The school continued to attract and admit students of high academic performance as proven by the ranking and the SAT scores. The incoming students had an average SAT score of 1341 (Table 3).

The University also identifies high school graduates admitted to the freshmen class that are eligible to enroll in the honors college. To qualify for the honors college, the student must have a minimum SAT score of 1350. In the year under review, 24 of the freshmen entering the school met the criteria. The total SAT scores for these students ranged from 1360 to 1600.

TABLE 6:
HIGH SCHOOL PAID ADMITS SAT SCORES
THREE-YEAR COMPARISON

	Fall 2015	Fall 2016	Fall 2017
VERBAL	664	670	676
MATH	664	650	665
TOTAL	1328	1320	1341

Data Source: Office of Admission and Financial Aid (OAFA) Report

During 2016, as observed in Table 4, 198 students took the NCLEX Exam for the first time with a 90.40% pass rate, a slight increase compared to previous year... As a graduation requirement, senior level traditional undergraduates and Accelerated 2nd Degree BSN students are required to sit for a Comprehensive Examination and achieve a satisfactory score. The majority of the students have been achieving the required score in the first attempt. In order to prepare students for the Comprehensive and the NCLEX Exams, special course-based exams and case studies are offered to students at different levels of the program. In addition, the class referenced in the report went through a three-day NCLEX test review. In order to address the low NCLEX pass rates, the school implemented a four-day KAPLAN review course, which all graduating students have to take at the end of the nursing program.

TABLE 7:
NCLEX RESULTS: FIRST TIME EXAMINEES
THREE-YEAR COMPARISON

Class of Year	SCHOOL OF NURSING			PA PASS RATE (%)	NATIONAL PASS RATE (%)
	NUMBER TESTED	(NUMBER PASSED)	PASS RATE (%)		
2015	249	229	91.97	87.17	84.18
2016	246	221	89.84	87.93	84.30
2017	198	179	90.40	91.10	86.94

Data Source: National Council State Board Report

GRADUATE PROGRAMS

The number of applications processed in 2017 for the Master of Science in Nursing (MSN) programs was 33. This was a decrease of 178 from last year (2016 due to the closure of the (MSN) Nurse Anesthesia Area of Concentration that has now become a Doctor of Nursing Practice (DNP) program. The Doctor of Nursing Practice (DNP) program increased from last year's 101 applications submitted to a total of 236 applications submitted in 2017-18. There was a slight decrease in PhD applications from 17 last year to 10 applications this year.

MSN applications had a slight increase within the Nurse Specialty Role of the Nursing Clinical Nurse Leader (CNL) from 18 applications (onsite & online) in 2016 to 19 applications (onsite & online) in this 2017-18 review period. The Master of Science in Nursing (MSN) for the Neonatal Nurse Practitioner area of concentration showed a decrease with a total of 13 applications submitted in 2016 to 7 applications submitted this year (2017). Nursing Informatics had a slight increase from 6 applications submitted in 2016 to 7 this year (2017). (Tables 23 & 24)

The Doctor of Nursing Practice (DNP) program continues attracting applicants from different areas of specialization and has become one of the most highly esteemed DNP programs in the United States. Compared to the previous year, the 2017 applications increased with 236 applicants seeking admission in various areas of concentration. Of the 181 applications that were completed, 105 were offered admission (95 accepted offer) and 88 enrolled. The low attrition rate may be correlated to the admission of the most qualified applicants, and the well-established quality of faculty advisement committed to student retention. (Table 28). The school graduated 49 DNP students during the 2017-2018 review period, compared to 48 in the previous year while the PhD program graduated 3 students this year from 4 last year. (Table 30)

3. Faculty

Faculty Profile

One hundred percent of the full-time faculty are doctorally-prepared. The faculty holds advanced practice certifications where appropriate and nurse practitioner faculty meet NTF 2012 guidelines.

Newly hired full-time faculty is required to have an earned doctorate. There are 88 full-time professors and 25 part-time professors. The School of Nursing faculty is comprised of exceptionally talented and motivated individuals in the area of scholarship, teaching, and service. The following section highlights faculty TEACHING, SCHOLARSHIP, AND SERVICE. See Faculty publications and presentations in Appendix A.

<i>School of Nursing Faculty Fellows</i>
1. Salah Al Zaiti PhD, RN, ANP-BC, FAHA
2. Susan A. Albrecht PhD, RN, CRNP, FAAN
3. Sheila Alexander PhD, RN, FCCM
4. Michael Beach DNP, ACNP-BD, PNP, FAAN
5. Lora Burke PhD, MPH, RN, SBM, FAHA, FAAN
6. Catherine M. Bender PhD, RN, FAAN
7. Denise Charron-Prochownik PhD, RN, CPNP, FAAN
8. Eileen Chasens PhD, RN, FAAN
9. Susan Cohen PhD, CRNP, FAAN
10. Yvette Conley PhD, FAAN
11. Rose Constantino PhD, JD, RN, FAAN, FACFE
12. Marilyn Davies PhD, MSN, RN
13. Annette (Devito) Dabbs PhD, RN, ACNS-BC, FAAN
14. Willa Doswell RN, PhD, FAAN
15. Jacqueline Dunbar-Jacob PhD, RN, FAAN
16. Sandra J. Engberg PhD, RN, CRNP, FAAN
17. Judith A. Erlen PhD, RN, FAAN
18. Richard Henker PhD, RN, CRNA, FAAN
19. Marilyn Hravnak PhD, RN, CRNP, BC, FCCM, FAAN
20. Kathy Magdic DNP, RN, ACNP-BC, FAANP
21. Grant Martsof PhD, MPH, RN, FAAN
22. Ann Mitchell PhD, RN, AHN-BC, FAAN
23. Donna G. Nativio PhD, CRNP, FAAN, FAANP
24. Michael Neft DNP, MHA, CRNA, FNAP
25. Kathryn R. Puskar DrPH, RN, FAAN
26. Margaret Rosenzweig PhD, CRNP-C, AOCN, FAAN
27. Elizabeth Schlenk PhD, RN, FAAN
28. Paula Sherwood PhD, RN, CNRN, FAAN

Table 15: Full-time Faculty are Doctorally Prepared

Benchmark (expected)	Actual findings	Data Sources	Benchmark (expected)
100% of full-time faculty will be doctorally prepared	100% of full-time faculty are doctorally prepared	Faculty credential table from Office of the Dean	MET

Table 16: Percent of Full-time, Tenured or Tenure-Stream Faculty with Active Funding

Benchmark (expected)	Actual Findings	Data Sources	Benchmark (expected)
85% of tenured and tenure-stream faculty will have active funding	<p>2018 Faculty Active Funding</p> <p>Pitt Tenured Pitt Tenure-Stream</p> <p>83% (19/23) 82% (18/22)</p> <p>Previous 2-year Faculty Active Funding</p> <p>Pitt Tenured Pitt Tenure-Stream</p> <p>2017 78% 77% (17/22)</p> <p> (18/23)</p> <p>2016 63% 55% (11/20)</p> <p> (14/22)</p>	Grants Management Office database	NOT MET

Table 17: Percent of Full-time Faculty that Published in 2017-18

Benchmark (expected)	Actual Findings	Data Sources	Benchmark (expected)
100% of full-time faculty will have publications	<p>Percent of Full-time Faculty with Publications</p> <p>Pitt-Oakland Pitt- Pitt-</p> <p>Tenured Tenure- Non- Johnstown Greensburg</p> <p> Stream Tenure</p> <p>100 100 81 67 100</p> <p>(23/23) (22/22) (31/37) (3/5) (1/1)</p> <p>Percent of Full-time Faculty with Publications in the Previous 2-yrs</p> <p>Pitt-Oakland Pitt- Pitt-</p> <p>Pitt Pitt Non- Johnstown</p> <p>Tenured Tenure Tenure faculty</p> <p> Stream</p> <p>2016- 100 95 76 100</p> <p>17 (23/23) (21/22) (31/41) (5/5)</p> <p>2015- 91 95 70 100</p> <p>16 (21/22) (19/20) (32/46) (5/5)</p>	Journal publications	NOT MET

Table 18: Percent of Full-time Faculty Who Made a Presentation in 2017-18

Benchmark (expected)	Actual Findings	Data Sources	Benchmark (expected)
90% of full-time, tenured/tenured-stream faculty and 75% of full-time non-tenured stream faculty will make presentations	Percent of 2017-18 Full-time Faculty with Presentations Pitt-Oakland Tenured Tenure-Stream Non-Tenure 100 100 78 (23/23) (22/22) (29/37) Pitt-Johnstown faculty Pitt-Greensburg faculty 100 100 (5/5) (1/1)	Self-merit evaluations and Project-Concert	Tenured and tenured-stream- MET Non-tenured stream- MET

Table 19: Percent of Full-time Faculty Who Serve on a Board in 2017-18

Benchmark (expected)	2017-18 Actual Findings	Data Sources	Benchmark (expected)
60% of Faculty Serve on a Board	67% of full-time faculty serve on boards (n= 62/93 full-time faculty across campuses)	ProjectConcert, Self-merit data	MET

Table 20: Percent of Full-time Faculty Who Participate in Community Service in 2017-18

Benchmark (expected)	2017-18 Actual Findings	Data Sources	Benchmark (expected)
75% of faculty serve in the community	Full-time faculty who serve in the community 83% (n= 76/ 92 full-time faculty)	ProjectConcert, Faculty Self-Merit data	MET

4. Grant Funding

School of Nursing's research grant revenues for academic year 2017-2018 is \$12,383,601. The number of faculty with funding is 47. Select funding sources include National Institute of Nursing Research, National Cancer Institute, National Heart, Lung & Blood Institute, Health Resources and Services Administration, Department of Education, American Cancer Society, American Nurses Foundation, Neuroscience Nursing Foundation. A summary of grant funding is below.

The following tables summarize the funding distributions.

Table 21: FY 2018 Funding by Appointment, Faculty Stream, and Grant Agency

	External #	External \$	Internal #	Internal \$	Total #	Total \$
Faculty						
Tenured						
NIH	27	6,050,484	-	-	27	6,050,484
Other Federal	8	879,849	-	-	8	879,849
Non-federal	19	921,433	2	6,963	21	928,396
Subtotal Tenured Faculty	54	7,851,766	2	6,963	56	7,858,729
Tenure Stream						
NIH	13	3,477,687	-	-	13	3,477,687
Other Federal	2	12,516	-	-	2	12,516
Non-federal	12	130,247	20	199,615	32	329,862
Subtotal TS Faculty	27	3,620,450	20	199,615	47	3,820,065
Non-tenure stream						
NIH	1	9,008	-	-	1	9,008
Other Federal	3	231,647	-	-	3	231,647
Non-federal	4	49,999	3	56,110	7	106,109
Subtotal NTS Faculty	8	281,654	3	56,110	11	337,764
Subtotal Faculty	84	11,528,326	25	262,688	114	12,025,558
Student/Post-Doc						
NIH	4	226,812	-	-	4	226,812
Other Federal	-	-	-	-	-	-
Non-federal	17	107,362	17	23,869	34	131,231

Subtotal Student/Post- Doc	21	334,174	17	23,869	38	358,043
Total	105	11,862,500	42	286,557	152	12,383,601

5. Key Student Learning Outcomes

Graduation Rates

TABLE 26: GRADUATION STATISTICS FIVE-YEAR COMPARISON

Program	2013-14	2014-15	2015-16	2016-17	2017-18
Pre-Licensure (UPO)	137	148	147	118	106
Pre-Licensure (UPJ)	32	48	42	29	40
Accelerated 2 nd Degree BSN	44	59	60	52	65
RN-BSN (UPO)	1			2	
RN-BSN (UPJ)			1		
RN-MSN (UPO)	7	3	1	1	2
RN-DNP (UPO)				1	1
Total BSN	221	258	251	203	214
Anesthesia	39	45	41	44	42
Acute Care NP	16	4	2		
Adult NP	1				
Family NP	15	7			
Neonatal NP	1		1	6	2
Pediatric NP	3	3			
Psych. Primary Care NP	3				
CNS Adult Gerontology	2		1		
CNS Psych Mental Health					
NSR-Administration	4	2	1		1
NSR-Administration ONLINE		2	3	3	
NSR-Education		1			
NSR-Informatics	2	3			
NSR-Informatics ONLINE			6	5	2
NSR-Research		1			
Clinical Nurse Leader	3	1	1	1	
Clinical Nurse Leader ONLINE		4	7	6	8
Total MSN	89	73	62	65	55
Anesthesia	1				
Anesthesia ONLINE			3	7	1
Adult Gerontology Acute Care	1	7	18	12	5
Adult Gerontology Acute Care ONLINE		1	1	1	7
Adult Gerontology Primary Care	1		2		
Adult Gerontology Primary Care ONLINE			1		
Family (Individual Across the Life Span)		6	10	11	16
Family (Individual Across the Life Span) ONLINE		2	1	1	2
Neonatal	1				1
Neonatal ONLINE				1	
Pediatric Primary Care	5	2	4	7	4
Pediatric Primary Care ONLINE					1
Psychiatric Mental Health		1	2	2	
CNS Med-Surgical	2	1	2	1	
CNS Med-Surgical ONLINE		3	2	1	
CNS Adult-Gerontology					2
CNS Adult-Gerontology ONLINE					1

CNS Psych Mental Health	4				
CNS Psych Primary Care ONLINE					1
NSR-Administration	3	2	4		
NSR-Administration ONLINE	6	9	4	4	1
NSR Health Systems Executive ONLINE					7
Total DNP	24	34	53	48	49
PhD Degree	5	5	11	4	3
Minors			3		6
Certificate Programs	1	1	4	3	1
GRAND TOTAL	340	371	385	323	328

Data Source: STARS Database / Graduation Report, UPJ Statistics

TABLE 27:
GRADUATION STATISTICS BY PROGRAM
DEMOGRAPHICS DATA 2017-18

	Pre-Licensure	RN Options	Accelerated 2 nd Degree BSN	Master's	DNP	PhD	Minors	Certificate Programs	Grand Total
GENDER									
Female	136	1	53	40	43	2	3	1	279
Male	10	2	12	15	6	1	3	0	49
TOTAL	146	3	65	55	49	3	6	1	328
White	126	3	62	48	44	3	4	1	291
Black	6		1	3	3		1		14
Asian/Pacific Islander	12		1	4	1				18
Hispanic	2		1						3
American Indian/Alaskan Native					1		1		2
Not Specified									
TOTAL	146	3	65	55	49	3	6	1	328

Data Source: STARS Database/Graduation Report (2167, 2171, 2174

Terms) UPJ Statistics, Data Warehouse

TABLE 28: NCLEX RESULTS: FIRST TIME EXAMINEES THREE YEAR COMPARISON

Year	SCHOOL OF NURSING			PA	NATIONAL
	NUMBER TESTED	(NUMBER PASSED)	PASS RATE (%)	PASS RATE (%)	PASS RATE (%)
2014	227	194	85.46	82.82	81.74
2015	258	235	91.09	87.17	84.18
2016	246	221	89.84	87.93	84.30

Data Source: National Council State Board Report

Table 29: Graduate Specialty Certification

Certification Organization	Certification Exam (by specialty area)	2017 Certification Pass Rate	2018 Certification pass rates	National Certification pass rate
ANCC	Adult Gerontology Acute Care Nurse Practitioner	85.70%	100% (n=3) between 1/1/ 2018-7/1/2018	77.32% (2015-2017 combined)
AACN	Adult Gerontology Acute Care Nurse Practitioner	100% (n=3)	100% (n=2)	
ANCC & PNCB	Primary Care Pediatric Nursing Practitioner	100% (n=1)	100% (n=2)	
ANCC	Psychiatric Mental Health Nurse Practitioner	No graduates	No graduates	84.63% (2015-2017 combined)
CNC	Clinical Nurse Leader	100% (n=4)	100% (n= 4 in Jan and Aug, n=3 in Dec, total is 7)	
AACN	Clinical Nurse Specialist	100% (n= 1)	100% (n=1)	
ANCC	Family Nurse Practitioner	50% (n =2)		79.16% (combined 2015-2017)

AANP	Family Nurse Practitioner			
AANA-COA	Nurse Anesthetist	100% (n = 43)	97.7% (43/44) This is first time pass rate- the student in question will be able to retake soon.	82.20%
NCC	Neonatal Nurse Practitioner	100% (n=3)	100% n=6	
	DNP-HSEL/ MSN-Nur Admin			
	Informatics	1 pass (n=2), 1 no response	(n=1)	
ANCC & AANPCB	Adult Gerontology Primary Care Nurse Practitioner	No graduates		
AMCB	Certified Nurse-Midwife		First class of NW students will take exam in Fall 2019	

6. International Activities

The Table below summarizes the 2017-2018 Scholars

Table 31: International Visiting Scholars

Dates of Visit	People/School	Type of visit	Faculty Mentor/Purpose of Visit
1/10/2017-1/20/2018	1 PhD student (Xuemei Chen) Second Military Medical University, China	Long-Term	Annette Dabbs
3/1/2017-8/31/2017	1 PhD student (Caifang Chen, Xiangya Hospital, China)	Long-term	Mijung Park
3/1/2017-8/31/2017	1 PhD student (Liyang Wang) Shanghai Cancer Center, China	Long-term	Heidi Donovan/Cathy Bender
8/1/2017-8/1/2018	1 post-doc from medicine appointed as Visiting Scholar (Mohammad Alhamaydeh, MD) University of Jordan, Jordan	Long Term	Salah Al-Zaiti
8/1/2017-1/31/2018	1 PhD Student (Jeongju Hong) Kyungdong University, South Korea	Long Term	Heeyong Lee
9/20/2017-1/20/2018	1 PhD Student (Yisi Liu) Capital Medical University	Long Term	Annette Dabbs
2/27/2018-2/26/2019	1 PhD student (Xuemei Li) Second Military University	Long Term	Susan Sereika
3/12/2018-5/5/2018	1 faculty (Tarja Kvist) Eastern Finland University	Short term	Paula Sherwood
5/1/2018-7/30/2018	1 PhD student (Yanwei Long) Xiangya Hospital	Short Term	Shiela Alexander and Weiwen Wang

8/25/2018-6/25/2019	1 PhD student (Peng Yue) Capital Medical University	Long term	Annette Dabbs
9/1/2018-2/1/2019	1 faculty (Omar Abu Jaradeh) Jordan	Short Term	Salah Al-Zaiti
10/1/2018-8/1/2019	1 PhD student (Minmin Lu) Fudan	Long Term	Marilyn Hravnak
10/1/2018-12/15/2018	1 faculty (Tarja Välimäki) Eastern Finland University	Short Term	Heidi Donovan

Student Study Abroad

Table 32: Study Abroad Data Between 2015 and 2019

	2015-16	2016-17	2017-18
BSN student participants in any study abroad program	17	40	44
Nursing-specific programs *	2	5	8

* = programs offered by SON

= projected number, as of November 2018

7. Alumni

Employment and Satisfaction

Survey Process

SoN Alumni receive surveys at the 6-month, 3-year, and 5-year intervals. Alumni report on their satisfaction with SoN education and their employment/ graduate school status. Most recent graduates are surveyed 6 months after the graduate. The information in this report refers to the 6-month survey of students who graduated in 2016-17 because the 2017-18 data is currently being collected.

Graduate Employment

Of the 2016-17 alumni who completed the 6-month survey, their placement, and graduate school information is as follows:

BSN

- Employed in a nursing position (95.8%)
- Enrolled in graduate school (4.2%)

MSN

- Employed in a nursing position (98%)

DNP

- Employed in a nursing position (100%)

PhD

- Employed in a nursing position (100%)

(Employed in a nursing position includes: clinical practice, research, education, and administration).

Alumni Satisfaction

Shown below is a comparison of alumni satisfaction at 6-months post-graduation over the last four years based on the survey respondents.

Table 34: BSN Alumni Satisfaction

BSN	Graduation year	Graduate Response rate (%)	% of students satisfied
6-month survey	2017	39	5.2
3-year survey	2014	38.7	38.8
5-year survey	2012	44	49.0

Table 35: MSN Alumni Satisfaction

MSN	Graduation year	Graduate Response rate (%)	% of students satisfied
6-month survey	2017	27.7	6.7
3-year survey	2014	36.3	13.7
5-year survey	2012	47.4	8.1

Table 36: DNP Alumni Satisfaction

DNP	Graduation Year	Graduate Response rate (%)	% of students satisfied
6-month survey	2017	29.2	93
3-year survey	2014	52.4	96
5- year survey	2012	91	90

Table 37: PhD Alumni Satisfaction

PhD	Graduation Year	Graduate Response rate (%)	% of students satisfied
6-month survey	2017	100	100
3-year survey	2014	100	100
5- year survey	2012	43	100

Long-term Educational Benefits/ Satisfaction

Data regarding “feeling of long-term success because of the School of Nursing” is reflected by the following classes at 3 and 5 years post-graduation. Figures are based on the number of survey respondents.

Table 38: 3-Year Post-graduation Satisfaction

	2011 Graduates	2012 Graduates	2013 Graduates
BSN	93%	95%	98%
MSN	94%	93%	96%
DNP	100%	100%	91%
PhD	n/a	100%	100%

Table 39: 5-Year Post-graduation Satisfaction

	2009 Graduates	2010 Graduates	2011 Graduates
BSN	96%	97.5%	97%
MSN	92.5%	88%	96%
DNP	100%	75%	100%
PhD	100%	100%	100%

8. School Diversity

Table 40a: Faculty Diversity

FACULTY 2017-2018		Female	Male	Total		US Born	Non-US born	Total		%
Black or African American										
US Born	US	4	-	4		4	-	4		3%
Kenyan	I	-	2	2		-	2	2		2%
Subtotal Black		4	2	6		4	2	6		5%
Asian										
US Born	US		-	-		-	-	-		0%
Korean	I	4	-	4		-	4	4		3%
Filipino	I	1	-	1		-	1	1		1%
Chinese	I	2	1	3		-	3	3		3%
Subtotal Asian		7	1	8		-	8	8		7%
White										
US Born	US	86	15	101		101	-	101		87%
Jordanian	I	-	1	1		-	1	1		1%
Subtotal White		86	16	102		101	1	102		88%
Total		97	19	116		105	11	116		100%
Percentages		84%	16%	100%		91%	9%	100%		

Includes all full- and part-time faculty who worked during fiscal year 2017.

Student Diversity

TABLE 40b:
HEADCOUNT ENROLLMENT DATA 2017-18 BY PROGRAM,
GENDER/RACE

	Pre-Licensure			RN Options			Accelerated 2 nd Degree BSN			Master's			DNP			PhD			Grand Total
	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	
GENDER																			
Female	446		446	0	0	0	64	1	65	67	31	98	64	69	133	23	3	26	768
Male	54		54	0	0	0	14		14	26	6	32	16	14	30	2	0	2	132
TOTAL	500		500	0	0	0	78	1	79	93	37	130	80	83	163	25	3	28	900
RACE																			
White	398		398	0	0	0	69	1	70	77	33	110	69	71	140	13	2	15	733
Black	23		23	0	0	0	3	0	3	5	2	7	2	2	4	1	0	1	38
Asnp	65		65	0	0	0	5	0	5	11	2	13	6	9	15	9	1	10	108
Hispanic	11		11	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1	13
Amind	1		1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
Not Specified	2		2	0	0	0	0	0	0	0	0	0	3	0	3	1	0	1	6
TOTAL	500		500	0	0	0	78	1	79	93	37	130	80	83	163	25	3	28	900

Data Source: Fall Enrollment Report (PS Term 2181)

TABLE 41:
ALL NON-DEGREE HEADCOUNT ENROLLMENT DATA
2017-18 BY PROGRAM, GENDER/RACE

	Non-degree Undergrad			Non-degree Master's			Non-degree DNP			Non-degree PhD			Post Master's Certificates			Grand Total
	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	Full	Part	Sub-Total	
GENDER																
Female	6	1	7	0	20	20	0	0	0	0	0	0	0	3	3	30
Male	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
TOTAL	6	1	7	0	22	22	0	0	0	0	0	0	0	3	3	32
RACE																
White	0	1	1	0	17	17	0	0	0	0	0	0	0	2	2	20
Black	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Asnp	6	0	6	0	3	3	0	0	0	0	0	0	0	0	0	9
Hispanic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Specified		0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
TOTAL	6	1	7	0	22	22	0	0	0	0	0	0	0	3	3	32

Data Source: Fall Enrollment Report (PS Term 2181)

TABLE 42:
PRE-LICENSURE /UNDERGRADUATE HEADCOUNT ENROLLMENT DATA
2017-18 BY RACE AND YEAR

	First Year			Second Year			Third Year			Fourth Year			Grand Total
	Full	Part	Total	Full	Part	Total	Full	Part	Total	Full	Part	Total	
RACE													
White	125	0	125	110	0	110	78	0	78	85	0	85	398
Black	4	0	4	10	0	10	4	0	4	5	0	5	23
Asnp	24	0	24	15	0	15	14	0	14	12	0	12	65
Hispanic	1	0	1	1	0	1	7	0	7	2	0	2	11
Amind	1	0	1	0	0	0		0	0	0	0	0	1
Not Specified	1	0	1	1	0	1	0	0	0	0	0	0	2
TOTAL	156	0	156	137	0	137	103	0	103	104	0	104	500

Data Source: Fall Enrollment Report (PS Term 2181)

UNIVERSITY OF PITTSBURGH
SCHOOL OF NURSING
2017-2018 PUBLICATIONS

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Abujaradeh, H., Sereika, SM., Cohen, SM., Helgeson, V. (2018). Does Gender Moderate the relations between Shared Responsibility and Health Outcomes among Adolescents with T1D? The 78th annual conference of the American Diabetes Association 2018, June. [Abstract]

Abujaradeh, H., Peterson-Burch, F., Olshansky, E., Montgomery, K., Charron-Prochownik, D. Markup Methodology to Culturally Tailor Preexisting Preconception Counseling (PC) Program for Latina Adolescent Girls with Diabetes and Their Mothers. The 78th annual conference of the American Diabetes Association 2018, June. [Abstract]

Hand, L. C., Thomas, T. H., **Belcher, S. M.**, Campbell, G., Lee, Y. J., Roberge, M., & Donovan (n.d.) Caregiving is a marathon and not a road race: Re-envisioning caregiver support services in gynecologic oncology. Accepted with revisions at *International Journal of Gynecological Cancer*

Belcher, S. M., Low, C. A., Posluszny, D. M., Schear, R., Kramer, R. E., & Donovan, H. S. (2017). Correlates of psychological distress, health behaviors, and benefit finding in survivors of multiple primary cancers: Results from the 2010 LIVESTRONG Survey. *Oncology Nursing Forum*, 44 (6), 703-711. Doi: 10.1188/17.ONF.703-711

Hagan, T. L., **Belcher, S. M.**, & Donovan, H. S. (2017). Mind the mode: Differences in paper vs. web-based survey modes among women with cancer. *Journal of Pain and Symptom Management*, 54 (3), 368-375. doi:10.1016/j.jpainsymman.2017.07.005

Hand, L., Campbell, G., Hagan, T., Lee, Y. J., **Belcher, S. M.**, Roberge, M., Donovan, H. A. S. (in press). Essential elements of caregiver support in gynecologic oncology [Abstract 160]. *Journal of Clinical Oncology*.

Wang, L., **Belcher, S.**, & Donovan, H. (2018). Cross-cultural comparison between United States and Chinese survivors of recurrent ovarian cancer [Abstract 512]. *Oncology Nursing Forum*, 45 (2), 286. doi:10.1188/18.ONF.E34

Nilsen, M. L., **Belcher, S.**, Donovan, H. S., Klem, M. L., Morrison, A., Sereika, S. M., & Johnson, J. T. (2018). Late and long-term effects among survivors of head and neck cancer at least 5 years posttreatment: A systematic review [Abstract]. *International Journal of Radiation Oncology, Biology, Physics*, 100 (5), 1401

Belcher, S. M., Sereika, S. M., Mattos, M. K., Hagan, T. L., Donovan, H. S. (2017). Comparison of symptoms and quality of life in recurrent ovarian cancer by rural/urban residence: Ancillary analysis of GOG-0259 [Abstract]. *International Journal of Gynecological Cancer*, 27 (Supplement 4), ESG007-0436, 262

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- ***Mahmoud, K. F.**, Terhorst, L., Lindsay, D., Puskar, K. R., & Mitchell, A. M. (2017). Undergraduate nursing students' perceptions of individuals with drug use problems: Confirming the factor structure of the Drug and Drug Problems Perception Questionnaire. *Journal of Addictions Nursing*, 28(4), 196-202.
- ***Mahmoud, K. F.**, Lindsay, D., Scolieri, B., Hagle, H., Puskar, K. R., & Mitchell, A. M. (2018). Changing BSN students' stigma toward patients who use alcohol and opioids through screening, brief intervention, and referral to treatment (SBIRT) education and training: A pilot study. *Journal of American Psychiatric Nurses Association*.
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- Lingler, J. H., Roberts, J. S., Kim, H., **Morris, J.L.**, Lu, H., Mattos, M., McDade, E., & Lopez, O. L. (in press). Amyloid PET Candidates May Focus More on Benefits than Risks of Results Disclosure. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*.
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- Weiwen Wang, **Ran Sun**, Linda Huang, & Valerie Swigart. Student Perceptions of Classic and Game-Based Online Student Response Systems. *Nurse Educator*. In press
- Yu, Y., Shiffman, S., Rohay, J. M., Ma, Q., Sereika, S. M., **Sun, R.**, & Burke, L. E. (2018). Psychometric Evaluation of the Relapse Situation Efficacy Questionnaire in a Weight Loss Treatment Study. *American journal of health behavior*, 42(4), 80-89.
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- Bender, C. M., Merriman, J. D., Sereika, S. M., Gentry, A. L., Gasillo, F., Koleck, T. A., Rosenzweig, M. Q., Ahrendt, G. M., Brufsky, A. M., McAuliffe, P., **Zhu, Y.**, Conley, Y. P. (2018) Trajectories of Cognitive Function and Associated Phenotypic and Genotypic Factors in Breast Cancer. *Oncology Nursing Forum*, 45(3), 308-326.
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genes and cognitive problems reported by postmenopausal women with breast cancer. *Biological Research for Nursing*.

Zhu, Y., Cohen, S. M., Rosenzweig, M. Q., Bender, C. M. (2018, In Press) Symptom Map of Endocrine Therapy for Breast Cancer: A Scoping Review. *Cancer Nursing*.

Cheng, L., Wang, L., He, M., Feng, S., **Zhu, Y.**, & Rodgers, C. (2018). Perspectives of children, family caregivers, and health professionals about pediatric oncology symptoms: a systematic review. *Supportive Care in Cancer*, 1-15.

Presentations

Abujaradeh, H., Helgeson, V., Cohen, SM., Sereika, SM. (2018). Shared Responsibility Moderates Relations between Psychological Distress and Self-Care among Adolescents with T1D. The 78th annual conference of the American Diabetes Association 2018, June. [Poster presentation and selected for moderated posters session]

Abujaradeh, H., Sereika, SM., Cohen, SM., Helgeson, V. (2018). Does Gender Moderate the relations between Shared Responsibility and Health Outcomes among Adolescents with T1D? The 78th annual conference of the American Diabetes Association 2018, June. [Poster Presentation]

Abujaradeh, H., Peterson-Burch, F., Olshansky, E., Montgomery, K., Charron-Prochownik, D. Markup Methodology to Culturally Tailor Preexisting Preconception Counseling (PC) Program for Latina Adolescent Girls with Diabetes and Their Mothers. The 78th annual conference of the American Diabetes Association 2018, June. [Poster presentation]

Belcher, S. M., Sereika, S. M., Mattos, M. K., Hagan, T. L., Donovan, H. S. (2017, November). Comparison of symptoms and quality of life in recurrent ovarian cancer by rural/urban residence: Ancillary analysis of GOG-0259. Poster session presented at the European Society of Gynaecological Oncology (ESGO) Congress 2017, November 4-7, 2017, Vienna, Austria

Hand, L., Campbell, G., Hagan, T., Lee, Y. J., **Belcher, S. M.**, Roberge, M., Donovan, H. A. S. (2018, September). Essential elements of caregiver support in gynecologic oncology. Poster session to be presented at the 2018 ASCO Quality Care Symposium, Phoenix, AZ.

Wang, L., **Belcher, S.**, & Donovan, H. (2018, May). Quality of life in United States and Chinese recurrent ovarian cancer survivors: A cross-cultural comparison. Poster session presented at the ONS 43rd Annual Congress, Washington, D.C.

Nilsen, M., **Belcher, S.**, Donovan, H., Klem, M. L., Morrison, A., Sereika, S., & Johnson, J. (2018, February). Late and long-term treatment effects among survivors of head and neck cancer at least 5 years post-treatment: A systematic review. Poster session presented at the 2018 Multidisciplinary Head and Neck Cancer Symposium, Scottsdale, AZ

Hassmiller, S., Fairman, J., Wood, G. L., Hickerson, L. M., Donovan, H., & **Belcher, S.** (2018, January, Invited Speaker). RWJF Future of Nursing Scholars: First year graduate results and looking forward, Association of Colleges of Nursing Doctoral Education Conference: Collaborations to Improve Health, Naples, FL

Belcher, S. M., Sereika, S. M., Mattos, M. K., & Donovan, H. S. (2017, October, Invited Presentation). Comparison of symptoms and quality of life in recurrent ovarian cancer by rural/urban residence: Ancillary analysis of GOG-0259. Paper presented at the Basic and Translational Research Seminar Series, University of Pittsburgh Cancer Institution, Pittsburgh, PA

Belcher, S. (October, 2017, Invited Presentation). Shining a light on life after multiple primary cancers: The LAMP study. Planned dissertation study presented at the Division of Hematology/Oncology Faculty Meeting, University of Pittsburgh, Pittsburgh, PA

Wills, A., **Eaton, T.** (2018). Identifying and addressing moral distress in nurses caring for inpatient palliative care patients at the end of life. Poster presentation at the 2018 Annual SWPONL Nursing Leadership Conference, Farmington, PA

Frisch SO, Alrawashdeh M, Faramand Z, Alhamaydeh M, Martin-Gill C, Callaway C, and Al-Zaiti SS. Prevalence and Ischemic Changes on 12-Lead ECG Resolution from Prehospital EMS Transport to Emergency Department Arrival of Non-Traumatic Chest Pain Patients that call 9-1-1. 2018. Safar Symposium. University of Pittsburgh: Poster Presentation.

Frisch, S.O., Martin-Gill, C., Alrawahdeh, M., Callaway, C., Al-Zaiti, S. (2017). Incidence and predictors of delayed seeking emergency medical care among patients with suspected acute coronary syndrome. 2017. American Heart Association. Poster Presentation. A18707-A18707.

- Gallups, S. F.**, Copeland, V., Rosenzweig, M. Q. Perceived economic hardship among patients with advanced cancer. University of Pittsburgh School of Nursing 7th Annual Scholarly Poster Presentation Symposium, Pittsburgh, PA, January 29, 2018.
- Gallups, S. F.**, Copeland, V., Rosenzweig, M. Q. Perceived economic hardship among patients with advanced cancer. Adagio Health Transforming Women's Health Symposium, Pittsburgh, PA, March 22, 2018.
- Corbo, K. & **Gallups, S.** Exploring stakeholder experiences with interpersonal communication in patient navigation. Oncology Nursing Society's 44th Annual Congress, Washington, D.C., May 18, 2018.
- Graves, L.Y.** (2018, April). "Precision Health: Nursing, Omics, and Underrepresented Populations." Presented at Chi Eta Phi Nursing Sorority Northeast Regional Conference, Pittsburgh, PA.
- Graves, L.Y.**, Chasens, E.R. (2018). Impaired Sleep After Spinal Cord. Sigma Theta Tau International, Eta Chapter Scholar Night, Pittsburgh, PA. Peer Reviewed.
- Graves, L.Y.**, Imes, C., Morris, J.L., Williams, E., Yang, K., Chasens, E.R. (2018). Sleep Duration of Older Adult Men Predictive of Depression. Sleep 2018 Annual Meeting of Associated Professional Sleep Societies. Baltimore, MD. Peer Reviewed
- Williams, E.T., **Graves, L.Y.**, Yang, K., Chasens, E.R. (2018). Predictors of Abnormal Sleep Duration in Older Adults With and Without Arthritis. Sleep 2018 Annual Meeting of Associated Professional Sleep Societies. Baltimore, MD. Peer Reviewed
- Graves, L.Y.**, Alvarez-Guzman, A., Chasens, E.R. (2018). Evaluation of the Factor Structure of the Problem Areas in Diabetes (PAID) Questionnaire. American Association of Diabetes Educators, Baltimore, MD. Peer Reviewed
- Heinsberg, L.W.**, Ren, D., Crago, E., Sherwood, P., Poloyac, S., Conley, Y. (2017). [Abstract] *HAMP* genotype and variability in patient outcomes following aSAH. International Society of Nurses in Genetics World Congress (Poster presentation).
- Heinsberg, L.W.**, Arockiaraj, A.I., Crago, E.A., Ren, D., Shaffer, J.R., Weeks, D.E., Conley, Y.P. (2018). [Abstract] DNA Methylation Trajectories of *HAMP* and Patient Outcomes After Aneurysmal Subarachnoid Hemorrhage. International Society of Nurses in Genetics World Congress (Podium Presentation).
- Kim, H.**, Sereika, S. M., & Bender, C. M. (2018, April). Illness Perceptions for Persons with Type 2 Diabetes: Associations with Health Outcomes. Poster presentation at the 30th Annual Scientific Sessions of the Eastern Nursing Research Society, Newark, NJ
- Li, H.**, Sereika SM, and Bender, CM. (2018). Symptom Clusters in Women with Breast Cancer Before Endocrine Therapy. Presented in abstract form at the ONS 43rd Annual Congress, May 18, 2018, Washington, DC.
- Ma, Y.**, Knotts, C.T., Thompson, D.N., Dabbs, A. DV. (2017, October). Differences in Accreditation Criteria for Registered Nurse (RN) Programs in Pennsylvania, Greater Pittsburgh Nursing Research Conference. Pittsburgh, PA.
- Knotts, C.T., **Ma, Y.**, Thompson, D.N., Kane, I., Tuite, P.K., George., E. Dabbs, A. DV.(2017, October). A Comparison between BSN and RN-BSN Programs in Pennsylvania, Greater Pittsburgh Nursing Research Conference. Pittsburgh, PA.
- Danford, C.A., **Ma, Y.**, Schultz, C.M., Sereika, S.M. (June, 2017). The associations between caregiver-child dyad's perception of child weight and physical activity (PA) with child body mass index (BMI). Poster accepted for presentation at 13th International Family Nursing Conference, The Art and Science of Family Nursing: Transforming Health for Families, Pamplona, Spain.
- Yousef, K. M., Kagiyaami, N., Crago, E., Lagattuta, T., **Mahmoud, K. F.**, Friedlander R, M., Gorcsan, J., Hravnak, M. (2017, September). Modest Elevation in Troponin Predicts Functional Myocardial Impairment by Echocardiogram After Aneurysmal Subarachnoid Hemorrhage. Podium presentation at the European Society of Intensive Care Medicine, Vienna.
- Mitchell, A. M., Finnell, D., Savage, C., & **Mahmoud, K. F.** (2017, September). The Integration of Alcohol Screening and Brief Intervention (aSBI) into Nursing Curricula: CDC/American Association of Colleges of Nursing – Workforce Improvement Projects (AACN-WIP) and Other Initiatives. Podium presentation at the International Network on Brief Interventions for Alcohol and Other Drugs, NY.
- Mahmoud, K. F.**, Sereika, S., Lindsay, D., Puskar, K. R., & Mitchell, A. M. (2017, October). Personal and Contextual Predictors of Nurses' Motivation to Work with Individuals Who Use Alcohol. Podium presentation at International Nurses Society on Addictions (IntNSA) 41th Annual Educational, Orlando, Florida.

- Mahmoud, K. F.**, Lindsay, D., Dianxu, R., Puskar, K., & Mitchell, A. (2017, October). Exploring the Motivation to Work with Individuals Who Use Alcohol: A Focus on Nursing Profession. Podium presentation at the American Psychiatric Nursing Association (APNA) 31th Annual Conference, Phoenix, Arizona.
- Peppard, L. E., Finnell, D. S., Mitchell, A. M., **Mahmoud, K. F.**, Gonzalez, Y., Spear, W., Idris, E. (2018, January). A Value-Added Approach to Screening Brief Intervention and Referral to Treatment (SBIRT) Integration within Doctoral Level Nursing Programs. Panel Podium Presentation at the American Association of Colleges of Nursing (AACN) Doctoral Conference, Naples, Florida.
- Hravnak, M., Yousef, K. M., Kagiya, N., Sugahara, M., Crago, E., **Mahmoud, K. F.**, Lagattuta, T., Gorcsan, J. (2018, February). Persistent Global Longitudinal Strain Abnormality by Echocardiogram Predicted by Cardiac Troponin I. Podium Presentation at the Critical Care Congress, San Antonio, Texas.
- Mahmoud, K. F.**, Sereika, S., Mitchell, A. M. Puskar, K. R., & Lindsay, D. (2018, April). Predictors of Nurses' Readiness and Motivation to Provide Care to Patients Who Use Alcohol: An Exploratory Study. Poster presentation at the International Society of Psychiatric-Mental Health Nurses' 20th Annual Conference, Tempe, Arizona.
- Griffith, K. J., **Mahmoud, K. F.**, Mitchell A. M. (2018, April). Factors influencing healthcare professionals' motivation to work with patients with at-risk alcohol and other drug (AOD) use: A current review of literature. Poster Presentation at the National Conference on Undergraduate Research, University of Central Oklahoma. My Undergraduate Research Student Mentee
- MacFarland, C. J., **Mahmoud, K. F.**, Mitchell, A. M. (2018, April). Examining the relationship between undergraduate nursing students' stigma perceptions and their motivation to provide care to patients with at-risk opioid use. Poster Presentation at the National Conference on Undergraduate Research, University of Central Oklahoma. My Undergraduate Research Student Mentee
- McCall, Maura K.**, Connolly, Mary, Rosenzweig, M.Q. (2018 Mar 22). *SEMOARS + Genomics and Metabolism: An Explanatory Model for Dose Intensity Disparity Among Black Women Receiving Breast Cancer Chemotherapy*. Poster session at Adagio Health: Inaugural Transforming Women's Health Symposium, Pittsburgh, PA.
- Sech, M., Gentry, A., **McCall, M.**, Sereika, S., Zhu, Y., Bender, C. (2018 Apr 6). *Greater depressive symptoms predict adherence to aromatase inhibitor therapy in post-menopausal women with breast cancer*. Paper presented at National Conferences on Undergraduate Research (NCUR 2018), University of Central Oklahoma, Oklahoma City, OK.
- Chasens, E. R., **Morris, J. L.**, Baniak, L. M. (2018). Social Determinants and Diet Choices in Type 2 Diabetes. Poster presentation at the American Academy of Nursing 2018 Transforming Health, driving Policy Conference. Washington, DC. November 2018.
- Morris, J. L.**, Atwood, C. W, Korytkowski, M., Sereika, S. M., Chasens, E. R (2018). The Role of Insomnia on Depressed Mood in Women at High Risk for Obstructive Sleep Apnea. Poster presentation at Women's Health 2018: Translating Research into Clinical Practice. May 4-6, 2018. Washington, DC.
Published in Journal for Women's Health. DOI:10.1089/jwh.2018.29017.abstracts
- Lingler, J.H., Mulvaney, B., Jacobs, C., Berrios-Thomas, S., **Morris, J.L.** (2018) Interprofessional Team Training for Early Identification of Alzheimer's Disease and Related Disorders. Oral presentation at Alzheimer's Association International Conference, Chicago, July, 2018.
- Graves, L. Y., Imes, C., Williams, E., Yang, K., **Morris, J. L.**, Chasens, E. R. 2018. Sleep Duration in Older Adult Men Predictive of Depression. Sleep: Abstract Supplement 41: A359. Poster presentation at Sleep 2018. Baltimore, MD. June 2018.
- Nagpal C, Miller K, Boecking B, **Pellathy T**, Hravnak M, Clermont G, Pinsky M, and Dubrawski A. "Semi-supervised prediction of comorbid rare conditions using medical claims data", Data Mining in Biomedical Informatics and Healthcare (DMBIH) Workshop, IEEE International Conference on Data Mining ICDM 2017, New Orleans, LA, USA, November 2017, DOI: 10.1109/ICDMW.2017.68
- Pellathy T**, Chen L, Dubrawski A, Clermont G, Pinsky MR, Hravnak M. Prevalence of Venous Thromboembolism (VTE) in an Adult Step-Down Unit Population: A Proof-of-Concept Feasibility Study for Machine Learning Predictive Model Development. Eastern Nursing Research Society, 2018.
- Vargas D, **Pellathy T**, May J, Milicevic A, Tjader Y, Bandi A. Data-Based Tools for Tracking and Predicting the Quality of Glycemic Control in Diabetic Patients. INFORMS Conference on Business Analytics and Operations Research, April 2018.

- Abujaradeh, H., **Peterson-Burch, F.**, Olshansky, E. Montgomery, K., & Charron-Prochownik, D. (2018). Markup Methodology to Culturally Tailor Pre-existing Preconception Counseling Program for Latina Adolescent Girls with Diabetes and Their Mothers. American Diabetes Association (ADA), June 22-26. Orlando, FL. [Poster].
- Skrovanek, E.**, Low, C., Mai, P., Schear., Posluszny, D., Donovan, H. S. (2017, June 22). Impact of Race and Education on Fertility Preservation Counseling Poster presented at the University of Pittsburgh Cancer Institute Annual Conference, Pittsburgh, PA
- Skrovanek, E.**, Dunbar-Jacob, J. and Hexem, S. (2017, June). Increasing the Doctorally Prepared Nurse: The Case for PA. Oral presentation at 2017 National Forum of State Nursing Workforce Centers Annual Conference, Denver, CO
- Skrovanek, E.**, Dunbar-Jacob, J. and Wesmiller, S. (2018, September) Reproductive Decision Making in BRCA Positive Women. Oral Presentation at 2018 Council for the Advancement of Nursing Science Conference, Washington D.C
- Kathy Puskar, **Ran Sun**, Ann Gleeson, Debbie Nichols, David Rivetti, Naveen Khan. Lessons learned in the development of a mobile app for military adolescents to promote resilience. (August 20th-23th, 2018). Poster presentation at the Military Health System Research Symposium, Kissimmee, FL.
- R Sun**, SM Sereika, M Korytkowski, M Saul, D Li, LE Burke. Electronic Messaging Use via a Patient Portal is Associated with Primary Care Utilization in Patients with Type 2 Diabetes. (June 24th, 2018). Poster presentation at the American Diabetes Association 78th Scientific Sessions, Orlando, FL.
- Mengchi Li, **Ran Sun**, & Judith Erlen. The associations between patient's cognitive function and caregiver's perceived patient problem behaviors and caregiver's vigilance. (April 4th-7th, 2018) Podium presentation at the NCUR conference, University of Central Oklahoma.
- Judith A. Erlen, Jennifer Lingler, **Ran Sun**, Mengchi Li, Lisa Tamres. Research and Teaching: Bridging the Gap to Facilitate Communication Skills. (November 10th-12th, 2017). Podium presentation at the PNEG 2017 conference, Pittsburgh, Pennsylvania.
- Puskar, K., **Sun, R.**, Gleeson, A., Lampl, T. Nichols, D., Khan, N. MilTeenChat app to promote coping and resiliency in military adolescents. (October 18-21, 2017). Poster session presented at the 31st American Psychiatric Nursing Association Annual Conference, Phoenix, Arizona. First Place Poster Award.
- Judith A. Erlen, **Ran Sun**, Jennifer H. Lingler, Susan M. Sereika, and Lisa K. Tamres. Translating Research: The Need for Participant Feedback. (October 4th & 5th, 2017). Poster presentation at the American Academy of Nursing Council's 2017 Advanced Methods: Pragmatic Trials Conference, Washington, D.C., Maryland.
- Wu, L.**, Anderson, Klem, M. L., Miller, E., & Schlenk, E. A. (2018, July). Integrative review of cyber dating abuse in college students. Poster presentation at the Sigma Theta Tau International Honor Society of Nursing Rising Star 29th International Nursing Research Congress, Melbourne, Australia. (accepted)
- Wu, L.** (2018, May). Proposed pro re nata "PRN" psychotropic medication workflow. Poster presentation at the 2018 American Nursing Informatics Association (ANIA) Conference, Orlando, Florida.
- Wu, L.**, Anderson, J., Schlenk, E. A., & Miller, E. (2018, April). Examining the factors of a 7-item cyber dating abuse (CDA) tool in high school and college students. Poster presentation at the 30th Annual Eastern Nursing Research Society (ENRS) Scientific Session, Newark, New Jersey.
- Wu, L.**, Anderson, J., Schlenk, E. A., & Miller, E. (2018, June). Examining the factors of a 7-item cyber dating abuse (CDA) tool in high school and college students. Poster presentation at the 8th Annual Children's Hospital Rangos Research Symposium, Pittsburgh, PA. (accepted)
- Wu, L.**, Schlenk, E. A., Cornelius, M. D., Day, N., & De Genna, N. (2018, June). Childhood abuse and exposure to violence as a predictor of binge drinking in young adults. Poster presentation at the Department of Psychiatry Research Day, Pittsburgh, Pennsylvania. (accepted)
- Wu, L.**, Anderson, J., Schlenk, E. A., & Miller, E. (2018, May). Examining the factors of a 7-item cyber dating abuse (CDA) tool in high school and college students. Poster presentation at the 6th Annual Adolescent and Young Adult Health Research Symposium, Pittsburgh, PA.
- Wu, L.**, Klem, M. L., Doswell, W. M., & Schlenk, E. A. (2018, January). State of the art of cyber intimate partner violence. Poster presentation at the School of Nursing 7th Annual Scholarly Poster Presentation Symposium, Pittsburgh, PA.
- Zhu, Y.**, Conley, Y.P., Sereika, S.M., Merriman, J.D., Koleck, T.A., Bender, C.M. (2017). Pre-systemic Treatment Pain Severity and Variant in CYP19A1 rs700519 Genotype Contribute to Worse Pain Severity During Aromatase

Inhibitor Treatment for Breast Cancer. Poster presentation, 2017 International Society of Nurses in Genetics World Congress, November 2017, Reston, VA. (poster presentation)

Zhu, Y., Bender, C.M, Koleck, T.A, Conley, Y.P. (2018). Genes Associated with Musculoskeletal Symptoms during Treatment of Aromatase Inhibitor for Breast Cancer: A Literature Review with Biological Pathway Analysis. Oncology Nursing Society 43rd Annual Congress, May 2018, Washington D.C. (oral presentation)

