

College of Public Health and Health Professions
Office of Research Annual Report FY 2018

Table of Contents

	Page Number
Introduction.....	01
Funding and Proposals.....	02 - 09
Training Grants.....	10 - 12
Centers and Institutes.....	13 - 17
Publications.....	18 - 51

Introduction



The College of Public Health and Health Professions has concluded a successful year of research, with \$38.4M for Fiscal Year 2018. While prior annual reports focused on Calendar Year, this report focuses on Fiscal Year. As noted in the pages ahead, our faculty are contributing to their fields with innovative models of research that promote collaboration between faculty in public health and health professions and collaboration with colleagues in many disciplines locally, nationally and internationally.

The College's portfolio in certain categories has increased from our last report:

- Awards received increased from 162 to 217 (34% increase)
- The percent of Federal Funding in our portfolio has increased 16%
- PHHP is home to 7 T32s, an increase of 2 training grants since CY 2016.

The Centers and Institutes housed in the College are innovative and support multiple external partnerships and research of students and faculty.

The publications of our faculty indicate state of the art contributions to science and collaborations with other faculty and students, which are of major importance locally, nationally and internationally.

We are proud of these accomplishments and look forward to a productive year of research excellence!



Michael G. Perri, PhD, ABPP
Dean
Robert G. Frank Endowed Professor



Linda B. Cottler, PhD, MPH, FACE
Associate Dean for Research

PHHP Fiscal Year (FY) July 2017- June 2018

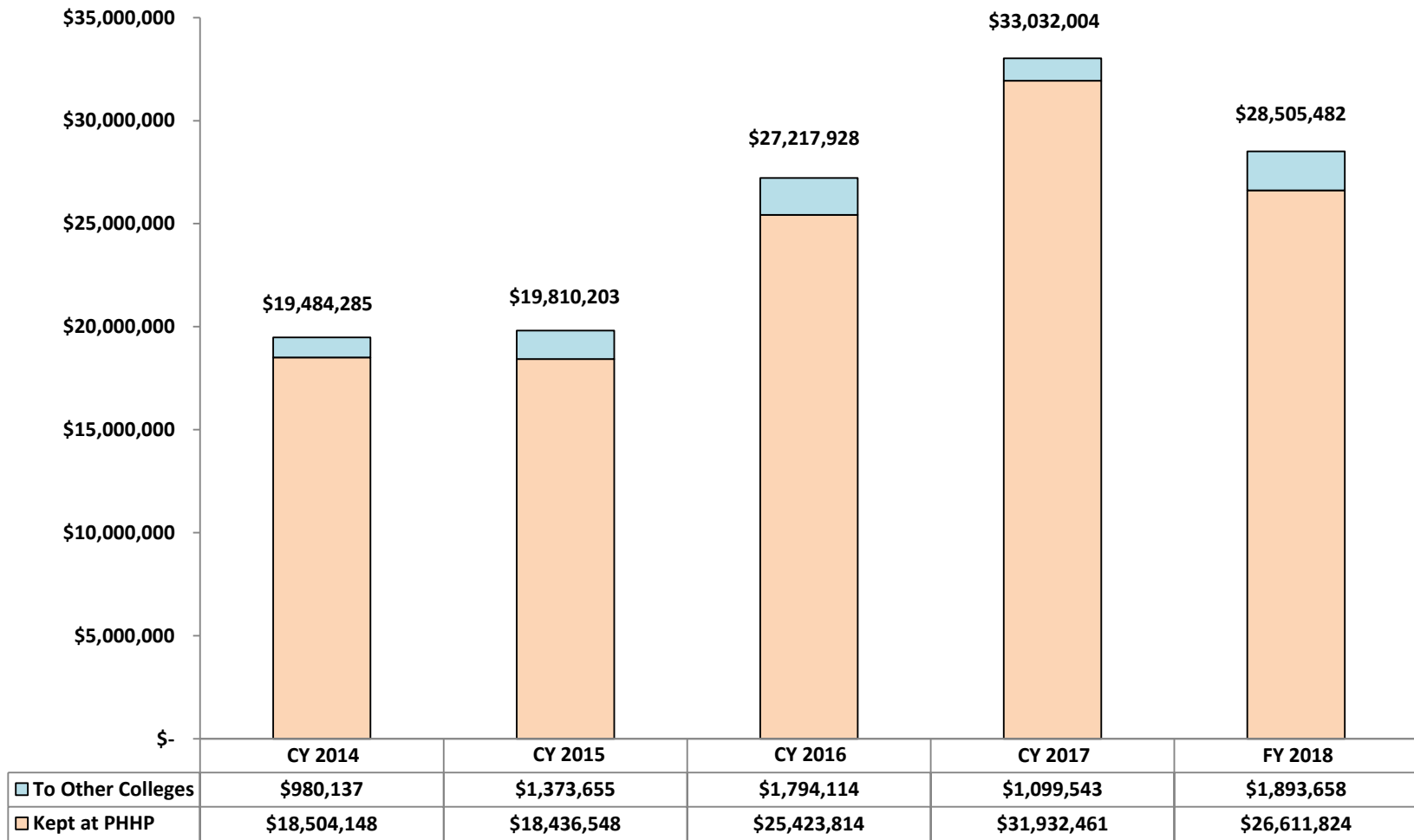
Funding and Proposals

PHHP Summary of Sponsored Research Activity FY 2018

Proposals Submitted*	241
Awards Received*	217
Grant & Contract Dollars Awarded	\$38,436,842
Faculty Receiving Awards*	83
Sponsors	100

* As submitting and subcontract PI

PHHP NIH Funding Received from Fiscal Years 2014 to 2018

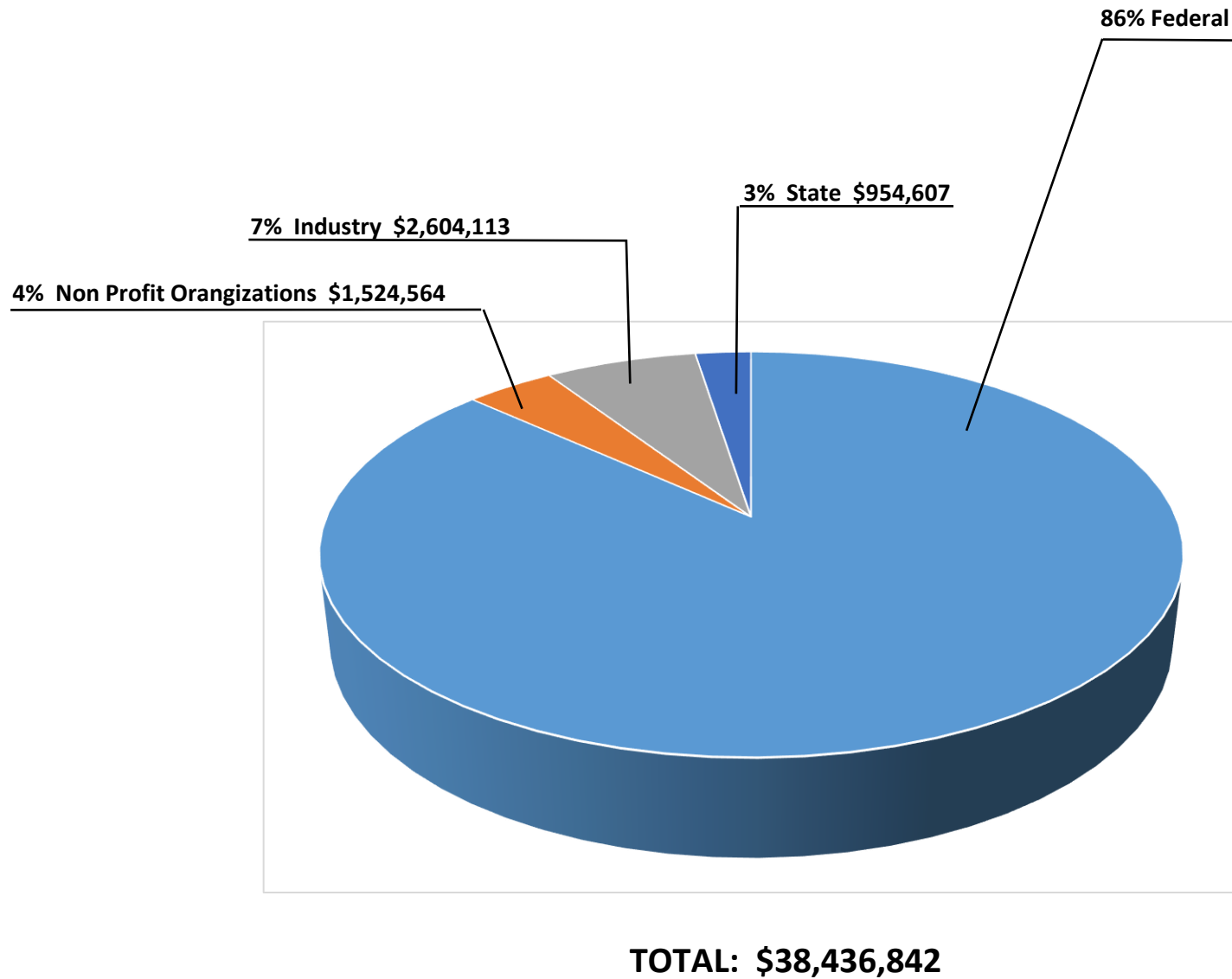


PHHP Number of Grants as Submitting and Subcontract PI by Mechanism: FY 2018

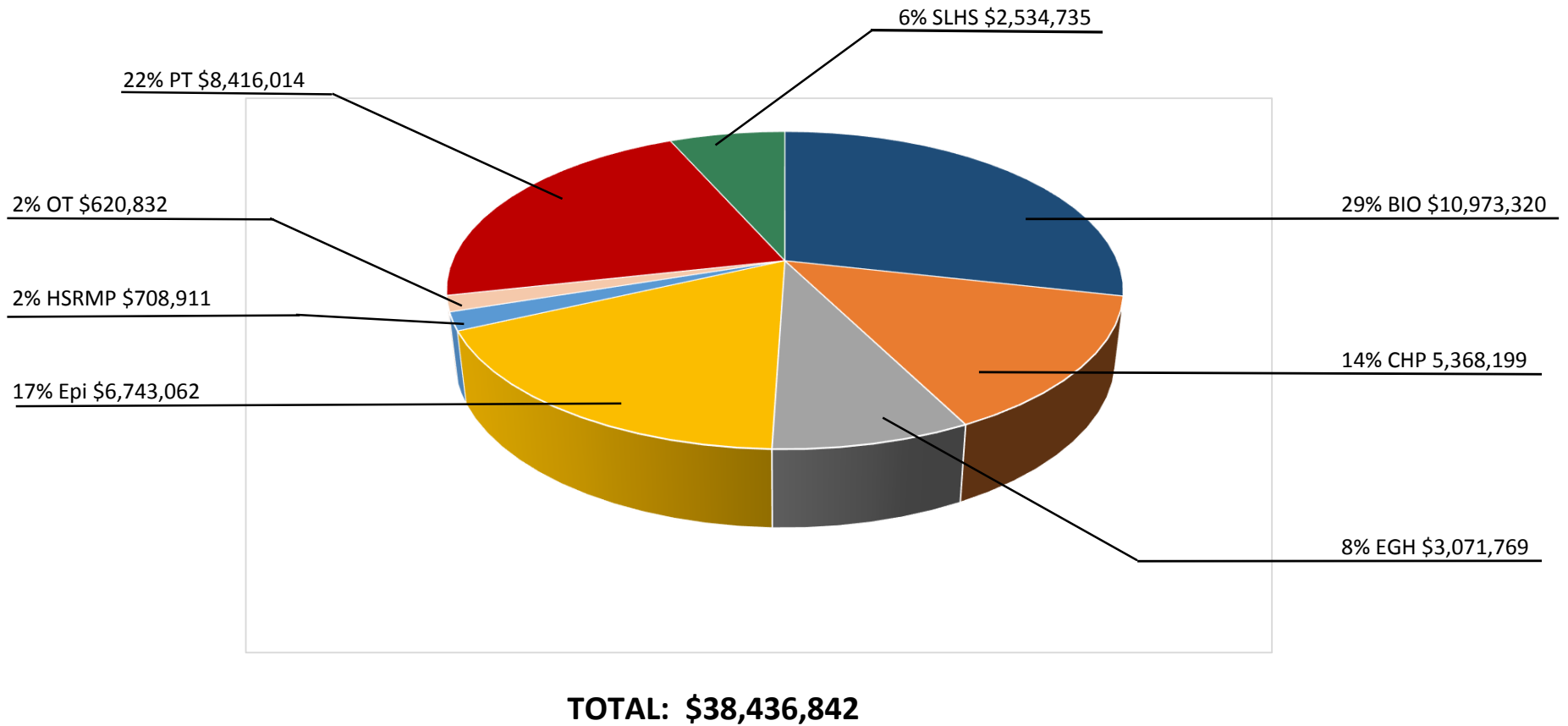
	FY 2018
CORP/CO	13
CORP-FT	2
D43	0
F31	2
F32	1
FED-ARMY	1
FED-CDC	2
FED-DHHS	1
FED-DOAg	2
FED-DOD	0
FED-DOE	0
FED-DOH	0
FED-FT	10
FED-NSF	2
FED-VA	5
FNDN/SOC	0
FNDN-FT	0
K01	1
K07	1
K23	1
NIH-FT	28
NPO	20
NPO-FT	6
NSF-FT	1
R01	20
R03	1
R13	0
R18	1
R21	5
R24	0
R34	0
R56	1
ST-DOH	2
ST-FWCC	1
ST-EPA	0
ST-USF	0
T32	4
U01	1
U10	1
U24	1

CORP/CO=Corporation/Company; FNDN/SOC=Foundation/Society;
FED-FT=Federal Flow-Thru

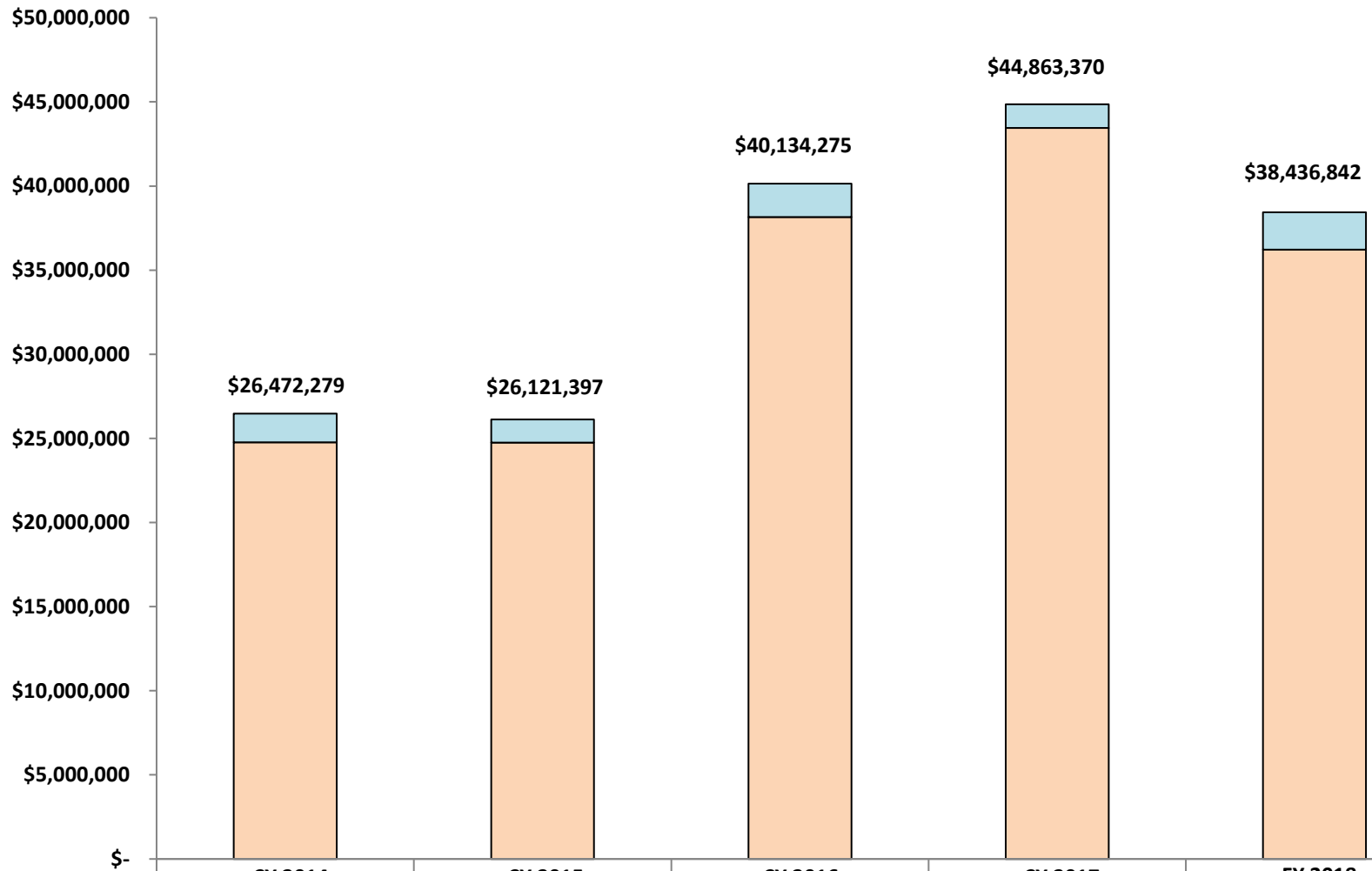
FY 2018 PPHP Funding by Sponsor (n=100)



FY 2018 PPHP Funding by Department

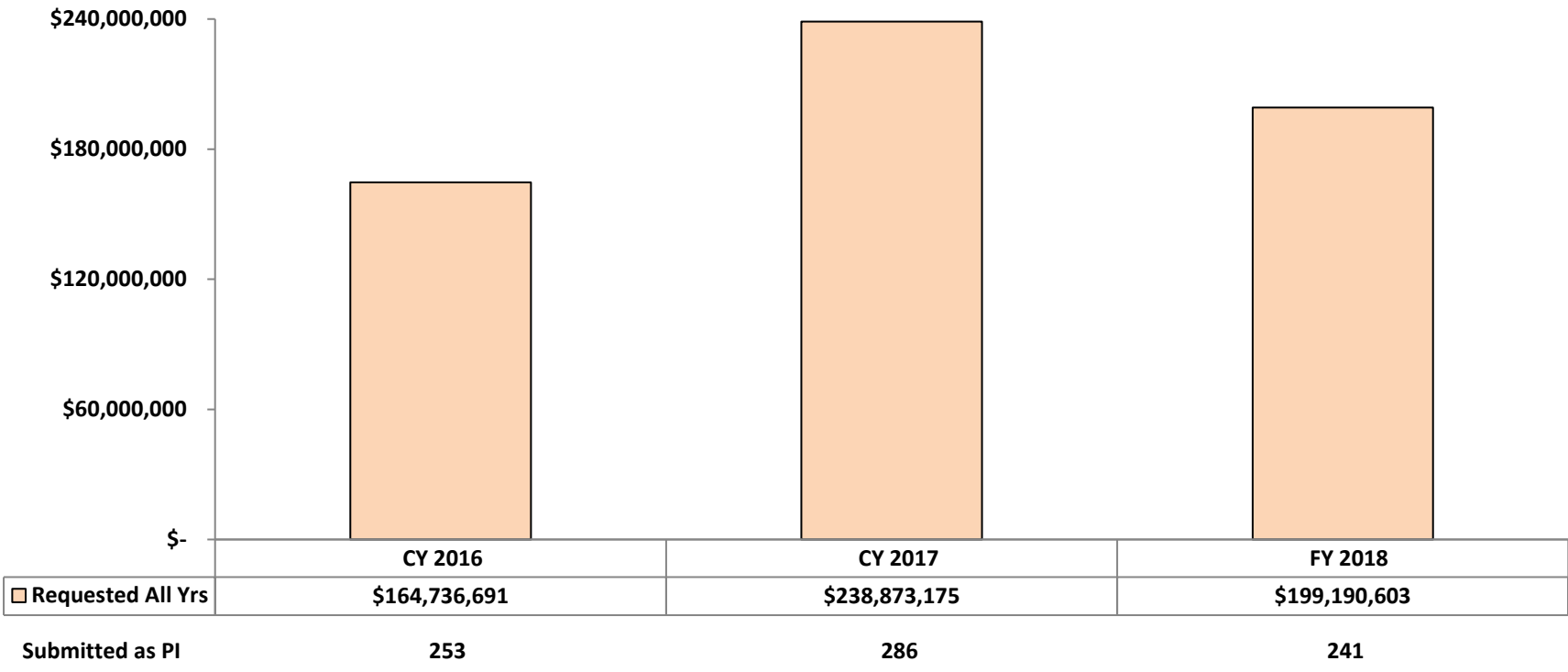


PHHP: Total Funding Received from 2014 to 2018



	CY 2014	CY 2015	CY 2016	CY 2017	FY 2018
To Other Colleges	\$1,707,720	\$1,377,540	\$1,986,110	\$1,406,203	\$2,214,972
Kept at PHHP	\$24,764,559	\$24,743,857	\$38,148,165	\$43,457,167	\$36,221,870

PHHP: Proposals Submitted as Main PI from 2016 to 2018 **(Amount Requested All Years)**



PHHP Fiscal Year (FY) July 2017- June 2018

Training Grants

Department of Clinical and Health Psychology

PI: BOWERS, DAWN

CO-PI: VAILLANCOURT, DAVID

TITLE: INTERDISCIPLINARY TRAINING IN MOVEMENT DISORDERS AND NEURORESTORATION

AGENCY: NIH – NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE

MECHANISM: T32

FUNDING PERIOD: 5-1-15 to 4-30-20

OF PRE-DOCS: 4

OF POST-DOCS: 0

PI: MARSISKE, MICHAEL

CO-PI: N/A

TITLE: PHYSICAL, COGNITIVE AND MENTAL HEALTH IN SOCIAL CONTEXT

AGENCY: NIH – NATIONAL INSTITUTE ON AGING

MECHANISM: T32

FUNDING PERIOD: 5-1-13 to 4-30-18

OF PRE-DOCS: 6

OF POST-DOCS: 0

Department of Epidemiology

PI: COTTLER, LINDA

CO-PI: N/A

TITLE: UF SUBSTANCE ABUSE TRAINING CENTER IN PUBLIC HEALTH

AGENCY: NIH – NATIONAL INSTITUTE ON DRUG ABUSE

MECHANISM: T32

FUNDING PERIOD: 7-1-14 to 6-30-19

OF PRE-DOCS: 4

OF POST-DOCS: 2

PI: COTTLER, LINDA

CO-PI: N/A

TITLE: INDO - US TRAINING PROGRAM IN BEHAVIORAL HEALTH ACROSS THE LIFESPAN

AGENCY: NIH – FOGARTY INTERNATIONAL CENTER

MECHANISM: D43

FUNDING PERIOD: 9-1-11 to 7-31-19

OF PRE-DOCS and POST-DOCS: 4

PI: COOK, ROBERT

CO-PI: LEEMAN, ROBERT

LUCERO, ROBERT

TITLE: TRANSLATIONAL SCIENCE TRAINING TO REDUCE THE IMPACT OF ALCOHOL ON HIV INFECTION

AGENCY: NIH – NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM

MECHANISM: T32

FUNDING PERIOD: 8-1-18 to 7-31-23

OF PRE-DOCS: 4

OF POST-DOCS: 2

Department of Physical Therapy

PI: FULLER, DAVID

CO-PI: VANDENBORNE, KRISTA

TITLE: INTERDISCIPLINARY TRAINING IN REHABILITATION AND NEUROMUSCULAR PLASTICITY

AGENCY: NIH – NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT

MECHANISM: T32

FUNDING PERIOD: 5-1-14 to 4-30-19

OF PRE-DOCS: 6

OF POST-DOCS: 0

PI: MITCHELL, GORDON

TITLE: BREATHING RESEARCH AND THERAPEUTICS (BREATHE)

AGENCY: NIH – NATIONAL HEART, LUNG, AND BLOOD INSTITUTE

MECHANISM: T32

FUNDING PERIOD: 04/15/2017 – 03/31/2022

OF PRE-DOCS: 2

OF POST-DOCS: 2

PHHP Fiscal Year (FY) July 2017- June 2018

Centers and Institutes

Center for Cognitive Aging and Memory (CAM)

Director: Ronald Cohen, PhD, ABPP, ABCN

Department: Clinical and Health Psychology

Approximately one in seven adults over the age of 65 experience moderate to severe cognitive impairments, including problems with memory. These impairments adversely impact the ability of the elderly to remain functionally independent, and also interfere with health status and quality of life. People are increasingly reaching very advanced age, and there is evidence that the prevalence of cognitive and memory dysfunction will approach fifty percent among centenarians, providing a strong rationale for an intensification of clinical and translational neuroscience directed at age-associated cognitive decline. Research is needed to identify biomarkers that can identify people at risk for functional decline and early signals that changes in the brain are occurring prior to onset of overt symptoms. There is also a major need for research aimed at developing new interventions to prevent and remediate age-associated cognitive problems before disabling functional decline occurs. The Center for Cognitive Aging and Memory (CAM) addresses this critical need.

The mission of the Center is to conduct cutting-edge interdisciplinary clinical neuroscience and translational research on age-associated cognitive, behavioral and emotional functioning, factors that contribute to impairments and functional decline, and future avenues for intervention. A primary objective is to translate basic science discoveries into clinical applications in order to slow, avert or restore age-related cognitive decline and memory loss.

Specific areas of research within the Center include: better characterization and prediction of the trajectory of age-associated cognitive changes, achieving greater understanding of alterations of brain's neural networks with aging. Development of neuroimaging methods for detecting and assessing early brain changes. Testing neurodiagnostic and predictive value of specific laboratory biomarkers, examining epigenetic influences and signals that underlie brain changes. Epidemiologic and mechanistic studies of modifiable biological and behavioral risk factors of age-related cognitive decline and memory loss, which could be targeted for interventions in clinical trials. Predictive modeling of neurocognitive, neuroimaging and laboratory measures. Translation of basic science findings on factors influencing cognitive aging into clinical applications. Preliminary implementation studies of the effectiveness of particular interventions. Clinical trials of interventions to slow, avert, or restore age-related cognitive decline and memory loss. Studies examining the impact of interventions on functional capacity, health status, and quality of life. Translating findings on neural apoptosis, neurotoxicity, and neural plasticity and restoration resulting from basic and translational research findings of investigators in the McKnight Brain Institute and from other centers throughout the world. Translating findings from studies of neuronal and neural network development and repair into new paradigms for protecting and restoring at-risk higher cortical function in the elderly. Effectiveness and implementation studies of interventions found to be efficacious in clinical trials.

Center for Pain Research and Behavioral Health

Director: Michael E. Robinson, PhD

Department: Clinical and Health Psychology

The Center for Pain Research and Behavioral Health is dedicated to the investigation and understanding of the experience of pain in humans and to educate future scientists and health professionals consistent with the most current knowledge in the area of pain. The Center involves a collaboration of scientists from several disciplines (Clinical Psychology, Dentistry, Medicine, Neuroscience, Physical Therapy, Nursing, Computer Science and Engineering) who have pooled their resources and expertise to more fully understand the etiology, diagnosis, and rehabilitation of pain conditions. Projects range from basic science investigations of pain processing in the human brain to prediction of treatment outcome in clinical trials for chronic pain. Trainees working in the lab also conduct research in several clinical settings including the Spine Center, Psychiatry Pain Center, and Rheumatology.

Center for Pediatric Psychology and Family Studies

Director: David Janicke, PhD, ABPP

Department: Clinical and Health Psychology

The focus of this center is on behavioral health and adjustment in children, youth, and families. Clinical child and pediatric psychologists, psychiatrists, pediatricians, and their students work collaboratively on a variety of research activities related to quality of life, adherence to medical treatments, coping with issues associated with chronic illness or injury, and the behavioral and social adjustment of children with both internalizing and externalizing behavior disorders and their families. The Center currently supports projects evaluating treatment for children with ADHD, autism, obesity, traumatic brain injury, craniofacial anomalies, obsessive compulsive disorders, and other behavioral health related problems.

These interdisciplinary projects involve collaborative efforts between the UF Department of Clinical and Health Psychology, the UF Department of Psychiatry, and the UF Department of Pediatrics. The Center provides a source of support for development of new research initiatives or for expansion of current projects through such mechanisms as yearly mini-grants to graduate students, provision of stipend and tuition for graduate research assistants, and funding for faculty laboratory equipment or supplies. In addition, the Center is active in supporting and organizing national conferences related to research in clinical child and pediatric psychology. For example, in 2011 the Center co-sponsored the International Conference on Parent-Child Interaction Therapy.

Center for Respiratory Research and Rehabilitation

Director: Gordon Mitchell, PhD

Department: Physical Therapy

The University of Florida Center for Respiratory Research is a multi-disciplinary collaboration established in 2015 to advance the understanding and treatment of neuromuscular disorders that compromise respiratory and related non-respiratory movements. The Center mission is to create a world-renowned program devoted to understanding physiological challenges to respiratory motor control in health and disease, and to translate our knowledge into strategies of respiratory rehabilitation in devastating clinical disorders that compromise breathing, including spinal cord injury, neuromuscular diseases (muscular dystrophy, Pompe disease, ALS and others), Parkinson's Disease, stroke, and other clinical disorders that compromise breathing. The UF respiratory community is particularly strong in: respiratory neurobiology, respiratory muscle function, and translational research in human clinical disorders. Currently, the Center focuses on: spinal cord injury (SCI), motor neuron disease (ALS), muscular dystrophy (MD), Pompe Disease, Parkinson's disease, and stroke. The Center offers collaborating scientists opportunities for training in lab procedures, grant-writing, oral dissemination, participation in local and national sponsored seminars, and the use of core facilities and equipment. Core equipment includes rodent ventilatory measurements and respiratory muscle EMG telemetry, human intermittent hypoxia exposure systems, and equipment to measure a range of physiological functions.

Center for Statistics and Quantitative Infectious Diseases

Co-Director: Ira M. Longini, Jr, PhD

Department: Biostatistics

The Center for Statistics and Quantitative Infectious Diseases is a joint program of Fred Hutchinson Cancer Research Center in Seattle, Washington, and the University of Florida. Our main interest is in quantitative methodologic developments related to scientific and public health aspects of infectious diseases, including epidemiology, evaluating interventions, immunology, and vaccinology. Our research focuses on prevention and intervention in infectious diseases of global health importance, as well as emerging infectious diseases, such as pandemic influenza. The quantitative methods include statistical, epidemiologic, mathematical modeling, computational biology, and bioinformatic methods. Our group is in the MIDAS network and is partially supported by the National Institute of General Medical Sciences at NIH.

Center for the Study of Emotion and Attention

Director: Peter J. Lang, PhD

Department: Clinical and Health Psychology

Faculty and students at the multi-disciplinary Center for Research in Emotion and Attention (CSEA) are engaged in basic and applied research in human emotion, as emotion modulates attention, perception, memory, and other cognitive processes. Experiments conducted at the Center have addressed emotion's autonomic and somatic reflex physiology, its behavioral expression, and evaluative-report indices. Using electroencephalography and functional magnetic resonance imaging, CSEA investigators are exploring the brain structures that mediate emotional reactivity, assessing neural circuit activation and connectivity in the context of external affective cues and memory imagery. An important applied focus of CSEA research is the study of anxiety and mood disorders, undertaken with patients from the Fear and Anxiety Disorders Clinic, a health center specialty clinic that is part of the Center laboratory complex. The Center provides laboratory training in psychophysiology and neural imaging research methods at the Post-Doctoral, Graduate Student, and Post-Baccalaureate levels. Center affiliated Investigators include faculty from the Clinical and Health Psychology (PHHP), Psychology (CLAS), and the Departments of Radiology and Biomedical Engineering at UF. In addition to its resident faculty, the Center benefits from frequent visits of its affiliated investigators from the broader, US and international research communities.

Hearing Research Center

Director: Andrew Lotto, PhD

Department: Speech, Language and Hearing Sciences

The Hearing Research Center brings together researchers, clinicians, and public health policy professionals interested in issues related to hearing and communication. The Center's missions are two-fold, including the discovery of new fundamental knowledge about hearing, hearing disorders, and the physical and biochemical processes that drive those disorders; and translation/application of those findings with corresponding public health outreach to effectively educate health professionals and public populations. To achieve this mission, the Center draws on faculty from the College of Public Health and Health Professions, the College of Medicine, and the College of Liberal Arts. Faculty affiliated with the Hearing Research Center are interested in understanding and reducing the influence of age-related hearing loss, noise-induced hearing loss, hearing loss induced by ototoxic drugs, and hearing loss that develops as a consequence of genetic syndromes; strategies of interest include novel therapeutics that reduce the onset or progression of hearing loss and communication difficulties, improved hearing aid and cochlear implant processing strategies to ameliorate existing deficits, as well as gene therapy approaches to restore auditory function to the profoundly deaf. Center-initiated collaborations complement efforts within the College of Public Health and Health Professions targeted towards joining Public Health professionals with their counterparts in the Health Professions. Pooled resources and expertise provide an opportunity for future scientists and health professionals to receive multidisciplinary research training and clinical training with the most current knowledge in the area of hearing loss and hearing protection. The Center emphasizes the importance of translational research and student training in the special challenges associated with translational research, as well as information dissemination to health professionals and the general public. The Center funds lectures by visiting scholars, student research activities, and preliminary data collection in areas of interest.

Institute for Mobility, Activity, and Participation (I-MAP)

Director: Sherrilene Classen, PhD, MPH, OTR/L, FAOTA, FGSA

Department: Occupational Therapy

Located within the College of Public Health and Health Professions at the University of Florida, the Institute for Mobility, Activity and Participation (I-MAP) was formed earlier in 2009 to support a substantial increase in driving-related research which expanded beyond projects in older driver safety. Research on (older) driver safety was previously supported by the National Older Driver Research & Training Center (NODRTC) at the University of Florida. The goal of I-MAP is to conduct driver safety research related to all age groups, study the use of alternative transportation options such as use of buses and personal mobility such as getting around at home. Within I-MAP researchers will execute these activities as a means to preserve, promote and improve independent, safe and appropriate mobility for individuals and within populations. Currently, researchers at I-MAP are engaged in projects related to the driving issues of people with Parkinson's disease, traumatic brain injury/post-traumatic stress disorder/depression, seizure disorders such as epilepsy, and patients who are taking different medications. We have also studied personality as a predictor (e.g. extroverts, vs. introverts) of driving performance. Researchers at I-MAP are interested in cross-disciplinary collaboration and affiliation with investigators at the University of Florida and beyond its campus borders. In addition to collaborations in the United States, I-MAP has formed partnerships with researchers in Canada, the Netherlands, Great Britain, Australia, Israel, and South Africa; and its national and international expansion is expected to grow. By funding projects essential to its mission, by tapping into the multi-disciplinary research pool at UF and beyond, by offering pre-doctoral and post-doctoral fellowships, and by using I-MAP's existing infrastructure, support and resources, I-MAP is a University of Florida center of excellence for research in mobility and transportation through the lifespan.

SHARC Center for Translational HIV Research

Director: Robert Cook, MD, MPH

Department: Epidemiology

The Southern HIV and Alcohol Research Consortium (SHARC) Center enhances University of Florida's overall mission via a unique research and training environment that emphasizes team science. SHARC, based at the University of Florida, is one of five national Consortia for HIV/AIDS and Alcohol Research Translation (CHAART). Primarily funded by NIH/NIAAA U24 AA022002, the mission of the SHARC Center for Translational HIV Research is to improve health outcomes and reduce HIV transmission among the diverse range of populations affected by alcohol and HIV infection in Florida. To fulfill this mission, SHARC will foster interdisciplinary translational research, training and community engagement.

The Center brings together faculty and students at UF and other universities and public health agencies to conduct and collaborate on high quality research, with the mission to translate research findings into clinical and public health interventions. This is evidenced by SHARC's history of obtaining peer-reviewed grant funding, publishing work in high-impact journals, and receiving positive feedback from a range of stakeholders including affected populations. SHARC maintains a registry of 1000 persons with HIV from multiple settings across Florida. The Cohort Registry provides contact information for persons who may be eligible for future HIV-related studies, and is thus a resource for all interested in improving the health outcomes of those infected with HIV. The SHARC Center has policies and procedures in place to provide access to this data to internal and external partners. Specifically, the SHARC Center provides access to data and data security, concept approval and tracking, data sharing agreements, and access to cross-institutional collaborations. SHARC also provides data analytic support for new grant proposals, scientific papers and presentations. This includes assistance with merging of databases, data analyses, assistance with online survey development and RedCap, and secure transfer of data across multiple institutions. In addition, we provide regulatory and administrative support related to the multiple IRBs involved in our clinical research studies.

SHARC also strives to increase research knowledge, skills, experience, and opportunities for a range of trainees, including undergraduate, professional, graduate, and post-graduate. SHARC recently received a NIH T32 grant to provide trainees with interdisciplinary training in alcohol and HIV. SHARC also has an ongoing Research Seminar Series and several working groups that bring trainees and faculty together into multidisciplinary teams.

PHHP Fiscal Year (FY) July 2017- June 2018

Publications

FY18 Publications: Department of Biostatistics (Page 1) [n=115]	
Abdia Y, Kulasekera KB, Datta S, Boakye M, Kong M. (2017). Propensity scores based methods for estimating average treatment effect and average treatment effect among treated: A comparative study. <i>Biometrical Journal</i> , 59, 967-985.	
Anderson LA, Levy JK, McManus CM, McGorray SP, Leutenegger CM, Piccione J, Blackwelder LK, Tucker SJ (2018). Prevalence of enteropathogens in cats with and without diarrhea in four different management models for unowned cats in the southeast United States. <i>Veterinary Journal</i> 236:49-55.	
Arion D, Huo Z, Enwright JF, Corradi JP, Tseng G, Lewis DA. (2017). Transcriptome alterations in prefrontal pyramidal cells distinguish schizophrenia from bipolar and major depressive disorders. <i>Biological psychiatry</i> , 82(8), 594-600.	
Arthur PB, Gitlin LN, Kairalla JA, Mann WC. (2017). Relationship between the number of behavioral symptoms in dementia and caregiver distress: what is the tipping point? <i>International Psychogeriatrics</i> , published online ahead of print.	
Barredo JC, Hastings C, Lu X, Devidas M, Chen Y, Armstrong D...Hunger, S.P. (2018). Isolated late testicular relapse of B-cell acute lymphoblastic leukemia treated with intensive systemic chemotherapy and response-based testicular radiation: A Children's Oncology Group study. <i>Pediatric Blood & Cancer</i> , 65(5),	
Beneciuk JM, Lentz TA, He Y, Wu SS, George SZ. (2018). Prediction of persistent musculoskeletal pain at 12 Months: a secondary analysis of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Validation Cohort study. <i>Phys Ther.</i> 98(5): 290 - 301.	
Bisanzio D, Dzul-Manzanilla F, Gomez-Dantes H, Pavia-Ruz N, Hladish TJ, Lenhart A, Palacio-Vargas J, González Roldan JF, Correa-Moales F, Kuri Morales P, Manrique-Saide P, Longini IM, Halloran ME, Vazquez-Prokopec GM. (2018). Spatio-temporal coherence of dengue, chikungunya and Zika outbreaks. <i>PLoS Neglected Tropical Diseases</i> .	
Bride KL, Vincent TL, Im SY, Aplenc R, Barrett DM, Carroll WL, ... Teachey DT. (2018). Preclinical efficacy of daratumumab in T-cell acute lymphoblastic leukemia. <i>Blood</i> , 131(9), 995-999.	
Burciu RG, Ofori E, Archer DB, Wu SS, Pasternak O, McFarland NR, Okun MS, Vaillancourt DE. (2017). Progression marker of Parkinson's disease: a 4-year multi-site imaging study. <i>Brain</i> . 140(8):2183 - 2192.	
Burke MJ, Devidas M, Maloney K, Angiolillo A, Schore R, Dunsmore K, Bleyer A. (2018). Severe pegaspargase hypersensitivity reaction rates (grade ≥ 3) with intravenous infusion vs. intramuscular injection: analysis of 54,280 doses administered to 16,534 patients on children's oncology group (COG) clinical trials. <i>Leukemia & Lymphoma</i> , 59(7), 1624-1633.	
Burns MA, Liao ZW, Yamagata N, Pouliot GP, Stevenson KE, Neuberg DS ...Gutierrez, A. (2018). Hedgehog pathway mutations drive oncogenic transformation in high-risk T-cell acute lymphoblastic leukemia. <i>Leukemia</i> . DOI: 10.1038/s41375-018-0097.	
Cahill KM, Huo Z, Tseng GC, Logan RW, Seney ML. (2018). Improved identification of concordant and discordant gene expression signatures using an updated rank-rank hypergeometric overlap approach. <i>Scientific reports</i> , 8(1), 9588.	
Campbell K, Gastier-Foster J, Naranjo A, Van Ryn C, Bagatell R, Matthay KK, London WB, Hogarty M, Park JR, DuBois SG. (2017). Association of MYCN Copy Number with Clinical Features, Tumor Biology, and Outcomes in Neuroblastoma: A Report from the Children's Oncology Group. <i>Cancer</i> , 123(21), 4224-4235.	
Chakraborty S, Datta So, Datta S. (2017). Nonparametric regression of state occupation probabilities in a multistate model. In <i>Disease Modelling and Public Health, Handbook of Statistics</i> , volume 36, Chapter 7, pp. 175-203, C.R. Rao, A. S. Rao, S. Pyne, eds., Elsevier, Amsterdam, Netherlands.	
Choi D, Jang D, Lai TL, Lee Y, Lu Y, Ni J, Qian P, Qiu P, Tiao G. (2018). <i>Proceedings of the Pacific Rim Statistical Conference for Production Engineering</i> , Singapore: Springer.	
Choo-Wosoba H, Gaskins J, Levy SM, Datta S. (2018). A Bayesian approach for analyzing zero-inflated clustered count data with dispersion. <i>Statistics in Medicine</i> , 37, 801-812.	
Choo-Wosoba H, Datta S. (2018). Analyzing clustered count data with a cluster specific random effect zero-inflated Conway-Maxwell Poisson distribution. <i>Journal of Applied Statistics</i> , 45, 799-814.	

FY18 Publications: Department of Biostatistics (Page 2)

Churchman ML, Qian M, Te Kronnie G, Zhang R, Yang W, Zhang H, ... Mullighan CG. (2018). Germline Genetic IKZF1 Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. *Cancer cell*, 33(5), 937-948.

Cook R, Zhou Z, Kelso-Chichetto N, Janelle J, Morano J, Somboonwit C, Carter W, Ibanez G, Ennis N, Cook C, Cohen R, Brumback B, Bryant K. (2017). Alcohol consumption patterns and HIV viral suppression among persons receiving HIV care in Florida: an observational study. *Addiction Science & Clinical Practice*, 12:22.

Crowley SJ, Huang H, Tanner JJ, Zho Q, Schwab NA, Hizek LP, Ramon D, Brumback B, Ding M, Price CC. (2018). Considering Total Intracranial Volume and Other Nuisance Variables in Brain Voxel Based Morphometry in Idiopathic PD. *Brain Imaging and Behavior*, 12:1-12.

Datta S. (2017). Let's Chat: Top WSDS Speakers Provide Insights Into Their Careers This year's WSDS keynote speaker is Donna Brogan, and the plenaries will be from Jeri Mulrow, Bonnie Ray, and Susmita Datta. Here, they reflect on their long careers, share advice for the future, and discuss the topics they plan to talk about. *AmStat News*.

De Alarcon PA, Matthay KK, London WB, Naranjo A, Tenney SC, Panzer JA, Hogarty MD, Park JR, Maris JM, Cohn SL. (2018). Intravenous Immunoglobulin with Prednisone and Risk-Adapted Chemotherapy for Children with Opsoclonus Myoclonus Ataxia Syndrome Associated with Neuroblastoma (ANBL00P3): A Randomised, Open-Label, Phase 3 Trial. *The Lancet Child & Adolescent Health*, 2(1), 25-34.

Dean NE, Halloran ME, Longini IM. (2018). Design of vaccine trials during outbreaks with and without a delayed vaccination comparator. *Annals of Applied Statistics*. 12, 330-347.

Delitto D, George TJ, Loftus TJ, Qiu P, Chang GJ, Allegra CJ, Hall WA, Hughes SJ, Tan SA, Shaw CM, Iqbal A. (2018). Prognostic Value of Clinical vs Pathologic Stage in Rectal Cancer Patients Receiving Neoadjuvant Therapy. *Journal of the National Cancer Institute*, 110(5), 460-466.

DiNofia AM, Seif AE, Devidas M, Li Y, Hall M, Huang YV ... Aplenc, R. (2018). Cost comparison by treatment arm and center-level variations in cost and inpatient days on the phase III high-risk B acute lymphoblastic leukemia trial AALL0232. *Cancer medicine*, 7(1), 3-12.

Dix DB, Seibel NL, Chi YY, Khanna G, Gratz E, Anderson JR ... Perlman EJ. (2018). Treatment of Stage IV Favorable Histology Wilms Tumor With Lung Metastases: A Report From the Children's Oncology Group AREN0533 Study. *Journal of Clinical Oncology*, 36(16), 1564-1570.

Dvorak CC, Satwani P, Stieglitz E, Cairo MS, Dang H, Pei Q... Parker JS. (2018). Disease burden and conditioning regimens in ASCT1221, a randomized phase II trial in children with juvenile myelomonocytic leukemia: A Children's Oncology Group study. *Pediatric blood & cancer*, 65(7), e27034.

Enwright III J F, Huo Z, Arion D, Corradi JP, Tseng G, Lewis DA. (2017). Transcriptome alterations of prefrontal cortical parvalbumin neurons in schizophrenia. *Molecular psychiatry*.

Erbe AK, Wang W, Carmichael L, Kim K, Mendonça EA, Song Y, Hess D, Reville PK, London WB, Naranjo A, Hank JA, Diccianni MB, Reisfeld RA, Gillies SD, Matthay, K.K., Cohn, S.L., Hogarty, M.D., Maris, J.M., Park, J.R., Ozkaynak, M.F., Gilman, A.L., Yu, A.L., & Sondel, P.M. (2018). Neuroblastoma Patients' KIR and KIR-Ligand Genotypes Influence Clinical Outcome for Dinutuximab-Based Immunotherapy: A Report from the Children's Oncology Group. *Clinical Cancer Research*, 24(1), 189-196.

Fernandez CV, Mullen EA, Chi YY, Ehrlich PF, Perlman EJ, Kalapurakal JA ...Tochner Z. (2018). Outcome and prognostic factors in stage III favorable-histology Wilms tumor: A report from the Children's Oncology Group Study AREN0532. *Journal of Clinical Oncology*, 36(3), 254.

George SZ, Beneciuk JM, Lentz TA, Wu SS, Dai Y, Bialosky JE, Zeppieri Jr G. (2018).Optimal Screening for Prediction of Referral and Outcome (OSPRO) for Musculoskeletal Pain Conditions: Results From the Validation Cohort. *J Orthop Sports Phys Ther*. 48(6):460-475.

Gitlin LN, Arthur P, Piersol C, Hessels V, Wu SS, Dai Y, Mann WC. (2018). Targeting Behavioral Symptoms and Functional Decline in Dementia: A Randomized Clinical Trial. *J Am Geriatr Soc*. 66(2):339 - 345.

Grimes T, Walker AR, Datta S. Datta S. (2018). Predicting survival times for neuroblastoma patients using RNA-seq expression profiles. *Biology Direct*. 13:11

FY18 Publications: Department of Biostatistics (Page 3)

Gsell PS, Camacho A, Kucharski A, Watson CH, Bagayoko A, Danmadji S, Dean NE, Diallo A, Djidonou H, Doumbia M, Fallah M, Enwere G, Higgs ES, Mauge T, Mory D, Riveros X, Oumar FT, Toure A, Vicari AS, Longini IM, Edmunds WJ, Henao-Restrepo AM, Kieny MP, Kéïta S. (2017). Ring vaccination of adults and
Gupta S, Devidas M, Loh ML, Raetz EA, Chen S, Wang C... Wood BL. (2018). Flow cytometric vs. -morphologic assessment of remission in childhood acute lymphoblastic leukemia: a report from the Children's Oncology Group (COG). <i>Leukemia</i> , 32(6), 1370-1379.
Hall AG, Schumacher JR, Brumback B, Harman JS, Lutz BJ, Hendry P, Carden D (2017). Health-Related Quality of Life among Older Patients Following an Emergency Department Visit and ED-to-Home Coaching Intervention: A Randomized Controlled Trial. <i>International Journal of Care Coordination</i> , 20: 162-170.
Halloran ME, Auranen K, Baird S, Basta NE, Bellan SE, Brookmeyer R, Cooper BS, VeGruttola V, Hughes JP, Lessler J, Lofgren ET, Longini IM, Onnela JP, Özler B, Seage GR, Smith TA, Vespignani A, Vynnycky E, Lipsitch M. (2018). Simulations for designing and interpreting intervention trials in infectious diseases. <i>BMC Medicine</i> 15 PMID: 29287587 DOI: 10.1186/s12916-017-0985-3.
Hardy KK, Embry L, Kairalla JA, Helian S, Devidas M, Armstrong D... Winick N. (2017). Neurocognitive Functioning of Children Treated for High-Risk B-Acute Lymphoblastic Leukemia Randomly Assigned to Different Methotrexate and Corticosteroid Treatment Strategies: A Report From the Children's Oncology Group. <i>Journal of Clinical Oncology</i> , 35(23), 2700-2707.
Hardy KK, Embry LM, Kairalla JA, Helian S, Devidas M, Armstrong FD ... Winick N. (2017). Reply to I.J. Cohen. <i>Journal of Clinical Oncology</i> , 35(35), 3989-3991.
Hladish TJ, Pearson CAB, Rojas DP, Gomez-Dantes H, Halloran ME, Vazquez-Prokopec GM, Longini IM. (2018). Effectiveness of indoor residual spraying for reducing dengue burden. <i>PLoS Neglected Tropical Diseases</i> .
Iqbal A, Khan A, George T, Tan SA, Qiu P, Yang K, Trevino J, Hughes SJ. (2018), Objective preoperative parameters predict difficult pelvic dissections and clinical outcomes. <i>Journal of Surgical Research</i> , 232, 15-25.
Jeon N, Staley B, Johns T, Lipori GP, Brumback B, Richard S, Winterstein AG. (2017). Identifying and characterizing preventable adverse drug events for prioritizing pharmacist intervention in hospitals. <i>Am J Heal Pharm</i> 74(21): 1774-1783.
Jha C, Li Y, Guha S. (2017). Semiparametric Bayesian analysis of high-dimensional censored outcome data. <i>Statistical Theory and Related Fields</i> , 1(2), 194-204.
Keller FG, Castellino SM, Chen L, Pei Q, Voss SD, McCarten KM ... Schwartz CL. (2018). Results of the AHOD0431 trial of response adapted therapy and a salvage strategy for limited stage, classical Hodgkin lymphoma: A report from the Children's Oncology Group. <i>Cancer</i> .
Keller MP, Gatti DM, Schueler KL, Rabaglia ME, Stapleton DS, Simecek P, Vincent M, Allen S, Broman AT, Bacher R, Kendziorowski C, Broman KW, Yandell BS, Churchill GA, Attie AD. (2018). Genetic Drivers of Pancreatic Islet Function. <i>Genetics</i> .
Khandelwal N, Brumback LC, Halpern SD, Coe NB, Brumback B, Curtis JR (2017). Evaluating the economic impact of palliative and end-of-life care interventions on ICU utilization and costs from the hospital and healthcare system perspective. <i>Journal of Palliative Medicine</i> , 20: 1314-1320
Kim S, Kang D, Huo Z, Park Y, Tseng GC. (2017). Meta-analytic principal component analysis in integrative omics application. <i>Bioinformatics</i> , 34(8), 1321-1328.
Ladenstein R, Lambert B, Pötschger U, Lewington V, Castellani M, Bar-Sever Z, Oudoux A, Kaminska A, Taborska K, Biassoni L, Yanik GA, Naranjo A, Parisi MT, Shulkin BL, Nadel H, Gelfand MJ, Matthay KK, Park JR, Kreissman SG, Valteau-Couanet D, Boubaker A. (2018). Validation of the mIBG Skeletal SIOPEN Scoring Method in Two Independent High-Risk Neuroblastoma Populations: The SIOPEN/HR-NBL1 and COG-A3973 Trials. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> . 45(2), 292-305.
Layne AS, Krehbiel LM, Mankowski RT, Anton SD, Leeuwenburgh C, Pahor M, Sandesara B, Wu SS, Buford TW. (2017). Resveratrol and exercise to treat functional limitations in late life: design of a randomized controlled trial. <i>Contemp Clin Trial Commun</i> . 6:58 - 63"
Li J, Qiu, P. (2017). Construction of An Efficient Multivariate Dynamic Screening System. <i>Quality and Reliability Engineering International</i> , 33, 1969–1981.
Liu Y, Easton J, Shao Y, Maciaszek J, Wang Z, Wilkinson MR... Mullighan CG. (2017). The genomic landscape of pediatric and young adult T-lineage acute lymphoblastic leukemia. <i>Nature Genetics</i> , 49(8), 1211-1218.

FY18 Publications: Department of Biostatistics (Page 4)

Loftus T, Mira J, Ozrazgat-Baslanti T, Ghita G, Wang Z, Stortz J, Brumback B, Bihorac A, Segal M, Anton S, Leeuwenburgh C, Mohr A, Efron P, Moldawer L, Moore F, Brakenridge S (2017). "Sepsis and Critical Illness Research Center Investigators: protocols and standard operating procedures for a prospective cohort study of sepsis in critically ill surgical patients." *BMJ Open*.

London WB, Bagatell R, Weigel BJ, Fox E, Guo D, Van Ryn C, Naranjo A, Park JR. (2017). Historical Time to Disease Progression and Progression-Free Survival in Patients with Recurrent/Refractory Neuroblastoma Treated in the Modern Era on Children's Oncology Group Early-Phase Trials. *Cancer*, 123(24), 4914-4923.

Lorenz D J, Levy S, Datta S. (2018). Inferring marginal association with paired and unpaired clustered data with applications to dental studies. *Statistical Methods in Medical Research*, 27, 1806-1817.

Lu X, He Y, Wu SS. Interval estimation in multi-stage drop-the-losers designs. *Statistical Method in Medical Research*. 27(1):221-233.

Ma M, Liu C, Wu M, Zhao T, Wang G, Yang Y, et al. (2018). Influenza A (H7N9) Virus Antibody Responses in Survivors 1 Year after Infection, China, 2017. *Emerg Infect Dis*. 24(4):663-672.

Ma M-J, Zhao T, Chen S-H, Xia X, Yang X-X, Wang G-L, Fang L-Q, Ma G-Y, Wu M-N, Qian Y-H, Dean NE, Yang Y, Lu B, and Cao W-C. Avian Influenza A Virus Infection among Workers at Live Poultry Markets, China, 2013–2016. (2018). *Emerg Infect Dis*. 24(7):1246-1256.

McCarten KM, Metzger ML, Drachtman RA, Pei Q, Friedman DL, Schwartz CL, Kelly KM. (2018). Significance of pleural effusion at diagnosis in pediatric Hodgkin lymphoma: a report from Children's Oncology Group protocol AHOD0031. *Pediatric radiology*, 1-9.

Mikuls TR, Walker C, Qiu F, Yu F, Thiele GM, Alfant B, Li E, Zhao LY, Wang GP, Datta S, Payne JB. (2018) The Subgingival Microbiome in Patients with Established Rheumatoid Arthritis. *Rheumatology*, 57(7), 1162–1172.

Mira JC, Cuschieri J, Ozrazgat-Baslanti T, Wang Z, Ghita GL, Loftus TJ, Stortz JA, Raymond SL, Lanz JD, Hennessy LV, Brumback B, Efron PA, Baker HV, Moore FA, Maier RV, Moldawer LL, Brakenridge SC. (2017). The epidemiology of chronic critical illness after severe traumatic injury at two-level one trauma centers. *Critical Care Medicine*. 45: 1989-1996.

Mitra R, Gill R, Sikdar S, Datta S. (2018). Bayesian Hierarchical Model for Protein Identifications. *Journal of Applied Statistics*. *Journal of Applied Statistics*

Nevalainen J, Oja H, Datta S. (2017). Tests for informative cluster size using a novel balanced bootstrap scheme. *Statistics in Medicine*, 36, 2630-2640

Niema-Teshiba R, Matsuno R, Wang LL, Tang XX, Chiu B, Zeki J, Coburn J, Ornell K, Naranjo A, Van Ryn C, London WB, Hogarty MD, Gastier-Foster JM, Look AT, Park JR, Maris JM, Cohn SL, Seeger RC, Asgharzadeh S, Ikegaki N, Shimada H. (2018). MYC-Family Protein Overexpression and Prominent Nucleolar Formation Represent Prognostic Indicators and Potential Therapeutic Targets for Aggressive High-MKI Neuroblastomas: A Report from the Children's Oncology Group. *Oncotarget*. 9(5), 6416-6432.

Ning P, Cai M, Cheng P, Zhang Y, Schwebel DC, Yang Y, Zhang W, Cheng X, Gao Y, Ling X and Hu G. (2018). Trends in injury morbidity in China, 1993-2013: A

Ozkaynak MF, Gilman AL, Yu AL, London WB, Naranjo A, Tenney S, Diccianni MB, Smith M, Kesser KS, Seeger R, Reynolds CP, Smith LM, Shulkin BL, Parisi M, Maris JM, Park JR, Sondel PM. (2018). A Comprehensive Safety Trial of Chimeric Antibody 14.18 with GM-CSF, IL-2 and Isotretinoin in High-Risk Neuroblastoma Patients Following Myeloablative Therapy: Children's Oncology Group Study ANBL0931. *Frontiers in Immunology*, 9, 1355.

Park KY, Qiu P. (2018). Evaluation of the Treatment Time-Lag Effect for Survival Data. *Life-Time Data Analysis*, 24, 310–327.

Parzuchowski A, Bush R, Pei Q, Friedman DL, FitzGerald TJ, Wolden SL, ... Appel B. (2018). Patterns of Involved-Field Radiation Therapy Protocol Deviations in Pediatric Versus Adolescent and Young Adults With Hodgkin Lymphoma: A Report From the Children's Oncology Group AHOD0031. *International Journal of Radiation Oncology* Biology* Physics*, 100(5), 1119-1125.

Pavia-Ruz N, Rojas DP, Villanueva S, Granja P, Balam-May A, Longini IM, Halloran, ME, Manrique-Saide, P, Gómez-Dantés H. (2018). Seroprevalence of dengue antibodies in three urban settings in Yucatan, Mexico. *American Journal of Tropical Medicine and Hygiene* 98, 1202-1208.

FY18 Publications: Department of Biostatistics (Page 5)
Pesonen M, Nevalainen J, Potter SS, Datta So, Datta S. (2018). A Combined PLS and negative binomial regression model for inferring association networks from next-generation sequencing count data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 15, 760-773.
Porter M, Hagan H, Klassen RA, Yang Y, Seehusen D, Carek PJ. (2018). Burnout and resiliency among family medicine program directors. <i>Family medicine</i> . 50(2):106-12.
Qian M, Cao X, Devidas M, Yang W, Cheng C, Dai Y, ... Yang JJ. (2018). TP53 Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. <i>Journal of Clinical Oncology</i> , 36(6), 591-599.
Qiu P. (2018). Jump regression, image processing, and quality control – rejoinder. <i>Quality Engineering</i> , 30, 160–162.
Qiu P. (2018). Jump regression, image processing, and quality control (with discussions). <i>Quality Engineering</i> , 30, 137–153.
Qiu P. (2018). Some Perspectives On Nonparametric Statistical Process Control. <i>Journal of Quality Technology</i> , 50, 49–65.
Qiu P, You L. (2018). Recent Research in Dynamic Screening System for Sequential Process Monitoring. In <i>Proceedings of the Pacific Rim Statistical Conference for Production Engineering</i> (Choi et al. ed.), 85–93, Springer.
Rau RE, Dreyer Z, Choi MR, Liang W, Skowronski R, Allamneni KP... Hunger SP. (2018). Outcome of pediatric patients with acute lymphoblastic leukemia/lymphoblastic lymphoma with hypersensitivity to pegaspargase treated with PEGylated Erwinia asparaginase, pegcrisantaspase: A report from the Children’s Oncology Group. <i>Pediatric Blood & Cancer</i> , 65(3), e26873.
Rojas DP, Pavía-Ruz SN, Villanueva S, Granja P, Rodríguez-Castellanos A, Balam-May A, Longini IM, Halloran ME, Manrique P, Gómez-Dantés H. (2018). Seroprevalence of antibodies against dengue virus in three urban settings in Yucatan, Mexico. <i>Am J Trop Med Hyg</i> 98, 1202-1208.
Rose DK, Nadeau SE, Wu SS, Tilson JK, Dobkin BH, Pei Q, Duncan PW. (2017). Locomotor Training and Strength and Balance Exercises for Walking Recovery After Stroke: Response to Number of Training Sessions. <i>Phys Ther</i> . 97(11):1066 - 1074.
Ross K, Qiu P, You L, Wing R. (2018). Characterizing the Pattern of Weight Loss and Regain in Adults. <i>Obesity</i> , 26(2), 318–323.
Sá ACC, Webb A, Gong Y, McDonough CW, Datta S, Langaee TY, Turner ST, Beitelshes AL, Chapman AB, Boerwinkle E, Gums JG, Scherer SE, Cooper-DeHoff RM, Sadee W, Johnson JA. (2017). Whole transcriptome sequencing analyses reveal molecular markers of blood pressure response to Thiazide Diuretics. <i>Scientific Reports - Nature</i> , 7, 16068.
Sá ACC, Webb A, Gong Y, McDonough CW, Shahin M, Datta S, Langaee TY, Turner ST, Beitelshes AL, Chapman AB, Boerwinkle E, Gums JG, Scherer SE, Cooper-DeHoff RM, Sadee W, Johnson JA. (2018). Blood pressure signature genes and blood pressure response to Thiazide Diuretics: Results from the PEAR and PEAR-2 studies. <i>BMC Medical Genomics</i> , 11, 55.
Salzer WL, Burke MJ, Devidas M, Chen S, Gore L, Larsen EC ... Hunger SP. (2018). Toxicity associated with intensive postinduction therapy incorporating clofarabine in the very high-risk stratum of patients with newly diagnosed high-risk B-lymphoblastic leukemia: A report from the Children's Oncology Group study AALL1131. <i>Cancer</i> , 124(6), 1150-1159.
Scheidell JD, Kumar PC, Campion T, Quinn K, Beharie N, McGorray SP, Kahn MR (2017). Child sexual abuse and HIV-related substance Use and sexual risk across the life course among males and females. <i>Journal of Child Sexual Abuse</i> 25(5):519-534.
Scheidell JD, Quinn K, McGorray SP, Frueh BC, Beharie NN, Cottler LB, Khan MR (2018). Childhood traumatic experiences and the association with marijuana and cocaine use in adolescence through adulthood. <i>Addiction</i> 113(1):44-56.
Seney ML, Huo Z, Cahill K, French L, Puralewski R, Zhang J... Sibille E. (2018). Opposite molecular signatures of depression in men and women. <i>Biological psychiatry</i> .
Sikdar S, Datta So, Datta S. (2017). EAMA: Empirically adjusted meta-analysis for large-scale simultaneous hypothesis testing in genomic experiments. <i>PLOS One</i> , 12(10).

FY18 Publications: Department of Biostatistics (Page 6)

Siriwardena C, Kulasekera KB, Datta S. (2018). Semi-parametric regression of state occupational probability in a multi-state model with right-censored data. *Lifetime Data Analysis*, 24, 464–491.

Slayton WB, Schultz KR, Kairalla JA, Devidas M, Mi X, Pulsipher MA, ... Hunger SP. (2018). Dasatinib Plus Intensive Chemotherapy in Children, Adolescents, and Young Adults With Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia: Results of Children's Oncology Group Trial AALL0622. *J Clin Oncol*.

Sonawane-Deshmukh K, Suk R, Chiao EY, Chhatwal J, Qiu P, Wilkin T, Nyitray AG, Sikora A, Deshmukh AA. (2017). Oral Human Papillomavirus Infection: Differences in Prevalence Between Sexes and Concordance With Genital Human Papillomavirus Infection, NHANES 2011 to 2014. *Ann Int Med*, 167, 714–724.

Stortz JA, Mira JC, Raymond SL, Loftus TJ, Ozrazgat-Baslanti T, Wang Z, Ghita GL, Leeuwenburgh C, Segal MS, Bihorac A, Brumback BA, Mohr AM, Efron PA, Moldawer LL, Moore FA, Brakenridge SC (2018). Benchmarking clinical outcomes and the immunocatabolic phenotype of chronic critical illness after sepsis in surgical intensive care unit patients. *J Trauma Acute Care Surg*, 84(2): 342-349.

Stortz JA, Murphy TJ, Raymond SL, MiraJC, Ungaro R, Dirain ML, Nacionales DC, Loftus TJ, Wang Z, Ozrazgat-Baslanti T, Ghita GL, Brumback BA, Mohr AM, Bihorac A, Efron PA, Moldawer LL, Moore FA, Brakenridge SC (2018). Evidence for Persistent Immune Suppression in Patients Who Develop Chronic Critical Illness After Sepsis. *Shock*, 49: 249-258.

Sultana,M, Hasan NA, Sadique A, Ahmed,KU, Islam,A, Hossain, Longini IM, Nizam A, Huq A, Siddique AK, Sack DE, Sack RB, Colwell RA, Alama M. (2018). Biofilms comprise a component of the annual cycle of vibrio cholerae in the Bay of Bengal estuary, *mBio* 9:2.

Teot LA, Schneider M, Thorner AR, Tian J, Chi YY, Ducar M ...van Hummelen P. (2018). Clinical and mutational spectrum of highly differentiated, paired box 3: forkhead box protein o1 fusion–negative rhabdomyosarcoma: A report from the Children's Oncology Group. *Cancer*, 124(9), 1973-1981.

Tsang T, Chen T, Longini IM, Halloran ME, Yang Y. (2018). Transmissibility of Norovirus in Urban vs. Rural Households: Observations from a Large Community Outbreak in China. *Epidemiology*.

Vermillion KL, Bacher R, Tannenbaum AP, Swanson S, Jiang P, Chu LF, Stewart R, Thomson JA, Vereide DT. (2018). Spatial patterns of gene expression are unveiled in the chick primitive streak by ordering single-cell transcriptomes. *Developmental biology*. 439(1):30-41.

Von Versen-Höynck F, Petersen JS, Chi YY, Liu J, Baker VL. (2018). First trimester pregnancy ultrasound findings as a function of method of conception in an infertile population. *J assist. reproduction and genetics*, 35(5), 863-870.

Wu Y, Gaskins J, Kong M, Datta S. (2018) Profiling the effects of short time-course cold ischemia on tumor protein phosphorylation using a Bayesian approach. *Biometrics*.

Walker AR, Grimes TL, Datta S, Datta S. Unraveling bacterial fingerprints of city subways from microbiome 16S gene profiles. *Biology Direct*. (2018). 13:10.

Wang Y, Chen X, Hahn J, Brumback B, Zhou Z, Miguez M, Cook R (2018). Phosphatidylethanol (PEth) in comparison to self-reported alcohol consumption among HIV-infected women in a randomized controlled trial of naltrexone for reducing hazardous drinking. *Alcoholism: Clinical & Experimental Research*, 42: 128-134.

Wheeler T, Patel N, McGorray S. (2017). Effect of aligner material on orthodontic tooth movement. *Journal of Aligner Orthodontics*. 1(1):21-27.

Wichmann O, Vannice K, Asturias EJ, Albuquerque EJ, Longini IM, Lopez AL, Smith PG, Tissera H, Yoon IK, Hombach J. (2017). Live-attenuated tetravalent dengue vaccines: The needs and challenges of post-licensure evaluation of vaccine safety and effectiveness. *Vaccine* 35, 5535–42 (2017).

Wilder-Smith A, Longini IM, Zuber PL, Bärnighausen T, Edmunds WJ, Dean N, Masserey Spicher V, Benissa M, Gessner BD. (2017). Public health value of vaccines beyond efficacy: methods, measures and outcomes. *BMC Medicine*. 15:138.

Williams JC, Zhang X, Karki M, Chi YY, Wallet SM, Rudy BJ...Sleasman JW. (2018). Soluble CD14, CD163, and CD27 biomarkers distinguish ART-suppressed youth living with HIV from healthy controls. *Journal of leukocyte biology*. 103(4), 671-680.

Winkler SL, Kairalla JA, Feng H. (2018). Association of Admission Functional Status and Assistive Device Provision for Veterans Post-stroke-A Retrospective Study. *American journal of physical medicine & rehabilitation*.

FY18 Publications: Department of Biostatistics (Page 7)
Winterstein A, Staley B, Henriksen C, Xu D, Lipori G, Jeon N, Choi Y, Li Y, Castillo JH, Soria-Saucedo R, Brumback B, Johns T.(2017). Development and validation of a Complexity-Score to rank hospitalized patients at risk for preventable adverse drug events. American Journal of Health-System Pharmacy. 74: 1970-1984
Wood B, Wu D, Crossley B, Dai Y, Williamson D, Gawad C... Kirsch I. (2018). Measurable residual disease detection by high throughput sequencing improves risk stratification for pediatric B-ALL. Blood. 131(12), 1350-1359.
Woods AJ, Cohen R, Marsiske M, Alexander GE, Czaja SJ,Wu S. (2018). Augmenting cognitive training in older adults (The ACT Study): Design and Methods of a Phase III tDCS and cognitive training trial. Contemporary Clinical Trials. 65: 19 - 32
Yang Y, Meng YM, Halloran ME, Longini IM. (2017). Dependency of vaccine efficacy on pre-exposure and age: A closer look at a tetravalent dengue vaccine. Clinical Infectious Diseases. 66, 178–184.
Yang K, Qiu P. (2018). Spatio-Temporal Incidence Rate Data Analysis By Nonparametric Regression. Statistics in Medicine, 37, 2094–2107.
Yanik, GA, Parisi MT, Naranjo A, Nadel H, Gelfand MJ, Park JR, Ladenstein RL, Poetschger U, Boubaker A, Valteau-Couanet D, Lambert B, Castellani M, Bar-Sever Z, Oudoux A, Kaminska A, Kreissman SG, Shulkin BL, Matthay KK. (2018). Validation of Postinduction Curie Scores in High-Risk Neuroblastoma: A Children's Oncology Group and SIOPEN Group Report on SIOPEN/HR-NBL1. Journal of Nuclear Medicine, 59(3), 502-508.
Zang Y, Qiu P. (2018). Phase I Monitoring of Spatial Surface Data from 3D Printing. Technometrics, 60(2), 169–180.
Zarnitsyna VI, Bulusheva I, Handel A, Longini IM, Halloran ME, Antia R. (2018). Intermediate levels of vaccination coverage may minimize seasonal influenza outbreaks. PLoS One 13(6).
Zhang X, Muller KE, Goodenow, M. M., & Chi, Y. Y. (2018). Internal pilot design for balanced repeated measures. Statistics in medicine, 37(3), 375-389.
Zheng DJ, Lu X, Schore RJ, Balsamo L, Devidas M, Winick NJ...Kadan-Lottick, N.S. (2018) Longitudinal analysis of quality-of-life outcomes in children during treatment for acute lymphoblastic leukemia: A report from the Children's Oncology Group AALL0932 trial. Cancer. 124(3):571-579
Zou B, Cai J, Koch GG, Zhou H, Zou F. A Model-Based Conditional Power Assessment for Decision Making in Randomized Controlled Trial Studies. (2017). 36(30):4765-4776.

FY18 Publications: Department of Clinical and Health Psychology (Page 1) [n=115]
Anton SD, Ebner N, Dzierzewski JM, Zlatar ZZ, Gurka MJ, Dotson VM, Kirton J, Mankowski RT, Marsiske M, Manini TM. (2018). Effects of 90 Days of Resveratrol Supplementation on Cognitive Function in Elders: A Pilot Study. <i>The Journal of Alternative and Complementary Medicine</i> .
Asken BM, Bauer RM. (2018). Traumatic brain injury (TBI) and repetitive brain trauma (RBT): Chronic traumatic encephalopathy (CTE) and dementia syndromes. In G.E. Smith & S.T. Farias (Eds). <i>APA Handbook of Dementia</i> . Washington, DC: American Psychological Association.
Asken BM, Bauer RM, Guskiewicz KM, McCrea MA, Schmidt JD, Giza CC, Snyder AR, Houck ZM, Kontos AP, McAllister TW, Broglio SP, Clugston JR, CARE Consortium Investigators, Anderson S, Bazarian J, Brooks A, Buckley T, Chrisman S, Collins M, DiFiori J, Duma S, Dykhuizen B, Eckner JT, Feigenbaum L, Hoy A, Kelly L, Langford TD, Lintner L, McGinty G, Mihalik J, Miles C, Ortega J, Port N, Putukian M, Rowson S, Svoboda S.(2018). Immediate removal from activity after sport-related concussion is associated with shorter clinical recovery and less severe symptoms in collegiate student athletes. <i>American Journal of Sports medicine</i> , 46, 1465-1471.
Asken BM, Jaffee MS, Bauer RM. (2018). Tau in chronic traumatic encephalopathy – Reply. <i>JAMA Neurology</i> .
Asken BM, Smith GE, Bauer RM. (2018). Traumatic brain injury and dementia: Considerations for the forensic geropsychologist. In S..S. Bush & A Heck (Eds). <i>Forensic Geropsychology: Practice Essentials</i> , pp. 51-76. Washington, DC: American Psychological Association Books.
Asken BM, Sullan MJ, DeKosky ST, Jaffee MS, Bauer RM. (2017). Research gaps and controversies in chronic traumatic encephalopathy (CTE). <i>JAMA Neurology</i> . 74(10), 1255-1262.
Bailey B, Andrzejewski S, Greif S, Svingos A, Heaton S. (2018). The Role of Executive Functioning and Academic Achievement in the Academic Self-Concept of Children and Adolescents Referred for Neuropsychological Assessment. <i>Children</i> , 5(7), 83.
Bartley E J, Robinson ME, Staud R. (2018). Pain and fatigue variability patterns distinguish subgroups of fibromyalgia patients. <i>The Journal of Pain</i> , 19(4), 372-381.
Bauer RM, Asken B. (2018). The three amnesias. In J. Morgan and J. Ricker (Eds.). <i>Textbook of Clinical Neuropsychology</i> , 2nd. Ed, pp. 678-700. New York: Taylor & Francis/Routledge Press.
Bialosky JE, Robinson M. (2018). Placebo Disclosure Does Not Result In Negative Changes In Mood Or Attitudes Toward Health Care Or The Provider: opl6. <i>Journal of Orthopaedic & Sports Physical</i> , 48(1), A4.
Bikson M, Brunoni AR, Charvet LE, Clark V, Cohen LG, Deng ZD... Lisanby SH. (2018). Rigor and reproducibility in research with transcranial electrical stimulation: An NIMH-sponsored workshop. <i>Brain Stimulation</i> , 11, 465-480.
Bikson M, Paneri B, Mourdoukoutas A, Esmaeilpour Z, Badran BW, Azzam R...Chao D. (2018). Limited output transcranial electrical stimulation (LOTES-2017): Engineering principles, regulatory statutes, and industry standards for wellness, over-the-counter, or prescription devices with low risk. <i>Brain stimulation</i> , 11(1), 134-157.
Block JP, Bailey LC, Gillman MW, Lunsford D...Forrest CB. (2018). The PCORnet Antibiotics and Childhood Growth Study: Process for Cohort Creation and Cohort Description. <i>Academic Pediatrics - Advanced Access</i> .
Boissoneault J, Vathauer K, O'Shea A, Craggs JG, Robinson M, Staud R, Berry RB, Perlstein W, Waxenberg L, McCrae, CS. (2017). Low-to-Moderate Alcohol Consumption is Associated With Hippocampal Volume in Fibromyalgia and Insomnia. <i>Behavioral Sleep Medicine</i> , 15(6), 438-450.
Boissoneault J, Letzen J, Robinson ME. (2018). Treating patients vs. their functional neuroimages: A response to Disambiguating pharmacological mechanisms from placebo in neuropathic pain using functional neuroimaging. <i>British Journal of Anesthesia</i>
Boissoneault J, Letzen J, Lai S, Robinson ME, Staud R. (2018). Static and dynamic functional connectivity in patients with chronic fatigue syndrome: use of arterial spin labelling fMRI. <i>Clinical physiology and functional imaging</i> , 38(1), 128-137.
Boyle SL, Janicke DM, Robinson ME, Wandner LD. (2018). Using Virtual Human Technology to Examine Weight Bias and the Role of Patient Weight on Student Assessment of Pediatric Pain. <i>Journal of clinical psychology in medical settings</i> , 1-10.

FY18 Publications: Department of Clinical and Health Psychology (Page 2)	
Bradley MM, Karlsson M, Lang PJ. (2017). Assessing hedonic bias in emotional scene memory: Implications for clinical science. <i>Zeitschrift für Psychologie</i> , 225, 223–231.	
Bradley MM, Zlatař ZZ, Lang PJ. (2018). Startle reflex modulation during threat of shock and "threat" of reward. <i>Psychophysiology</i> , 55.	
Burke SN, Gaynor LS, Barnes CA, Bauer RM, Bizon JL, Roberson ED, Ryan L. (2018). Shared functions of perirhinal and parahippocampal cortices: Implications for cognitive aging. <i>Trends in Neurosciences</i> , 2018 Mar 16.	
Cartagena G, Kacel EL, Pereira DB. (2018). Systematic review of the relationship between childhood sexual abuse and cancer outcomes in men. [Abstract]. <i>Supportive Care in Cancer</i> , 26(Suppl 2), S221-S222.	
Carter CS, Bartal IBA, Porges EC. (2017). 14 The Roots of Compassion: An Evolutionary and Neurobiological Perspective. <i>The Oxford Handbook of Compassion Science</i> , 173.	
Chandler MJ, Locke DEC, Duncan NL, Hanna SM, Cuc AV, Fields JA, Hoffman Snyder CR, Lunde AM, Smith GE. (2017). Computer versus Compensatory Calendar Training in Individuals with Mild Cognitive Impairment: Functional Impact in a Pilot Study. <i>Brain Sciences</i> . 7. 112.	
Chardon ML, Stromberg SE, Lawless C, Fedele DA, Dumont-Driscoll MC, Janicke DM. (2018). The Role of Child and Adolescent Adjustment Problems and Sleep Disturbance in Parent Psychological Distress. <i>Journal of Clinical Child and Adolescent Psychology</i> , 47, 374-381.	
Clark DJ, Chatterjee SA, McGuirk TE, Porges EC, Fox EJ, Balasubramanian CK. (2018). Sympathetic nervous system activity measured by skin conductance quantifies the challenge of walking adaptability tasks after stroke. <i>Gait & posture</i> , 60, 148-153.	
Cohen RA, Siegel S, Gullett JM, Porges E, Woods AJ, Huang H... Ding MZ. (2018). Neural response to working memory demand predicts neurocognitive deficits in HIV. <i>Journal of neurovirology</i> , 24(3), 291-304.	
Colon-Perez LM, Tanner JJ, Couret M, Goicochea S, Mareci ThH, Price CC. (2018). Cognition and connectomes in nondementia idiopathic Parkinson's disease. <i>Network Neuroscience</i> , 1; 2(1), 106-124.	
Cook C, Canidate S, Ennis N, Cook RL. (2018). Types and Delivery of Emotional Support to Promote Linkage and Engagement in HIV Care. <i>Patient Preference and Adherence</i> , 12, 45-52.	
Crowley S, Huang H, Tanner J, Zhao Q, Schwab NA, Hize L, Ramon D, Brumback B, Ding M, Price CC. (2018). Considering total intracranial volume and other nuisance variables in brain voxel based morphometry in idiopathic PD. <i>Brain imaging and behavior</i> , 12(1), 1-12.	
Crowley SJ, Tanner JJ, Ramon D, Schwab NA, Hize LP, Price CC. (2018). Reliability and utility of manual and automated estimates of total intracranial volume. <i>Journal of the International Neuropsychological Society</i> , 24(2), 206-211.	
DeKosky SD, Jaffee MS, Bauer RM. (2018). Long-term mortality among NFL professional football players: No significant increase, but questions remain. <i>JAMA Neurology</i> , 319(8), 773-775.	
Emrani S, Libon DJ, Lamar M, Price CC, Jefferson AL, Gifford KA, Hohman TJ, Nation DA, Delano-Wood L, Jak A, Bangen KJ, Bondi MW, Brickman AM, Manly J, Swenson R, Au R. Consortium for Clinical and Epidemiological Neuropsychological Data Analysis (CENDA), <i>Journal of Alzheimer's Disease</i> , 61(3): 917-928.	
Farias ST, Giovannetti T, Payne BR, Marsiske M, Rebok GW, Schaie KW, Thomas KR, Willis SL, Dzierzewski JM, Unverzagt F, Gross AL. (2018). Self-perceived difficulties in everyday function precede cognitive decline among older adults in the ACTIVE study, <i>Journal of the International Neuropsychological Society</i> , 24(1), 104-112.	
Fedele DA, Janicke, DM, McQuaid, EL., Abu-Hasan, M, Baker, D, Zou, B, Netz, M, & Lawless, C. (2018). A Behavioral Family Intervention for Children with Asthma who are Overweight or Obese. <i>Clinical Practice in Pediatric Psychology - Advanced Access</i> .	
Fedele DA, McConville A, Thomas JG, McQuaid EL, Janicke DM, Turner EM, Moon J, Abu-Hasan M. (2018). Applying interactive mobile health to asthma care in teens: Development and design of a randomized controlled trial. <i>Contemporary Clinical Trials</i> , 64, 230-237.	

FY18 Publications: Department of Clinical and Health Psychology (Page 3)

- Feldman EB, Balise R, Schiff E, Whitehead N, Thomas E. (2017). Barriers to Hepatitis C Screening in a Minority Population: A Comparison of Hepatitis C and Human Immunodeficiency Virus Screening Rates at a Community STD Clinic in Miami, Florida. *Journal of Community Health*, 1-5.
- Filipp SL, Cardel M, Hall J, Essner R, Janicke DM, Nadglowski J, Donahoo W, Cooper-DeHoff R, Nelson DR, Hogan WR, Shenkman E, Gurka MJ. (2018). Characterization of Obesity in Florida Using the OneFlorida Clinical Research Consortium. *Obesity Science and Practice*. – Advanced Access.
- Gaynor LS, Johnson SA, Mizell JM, Campos KT, Maurer AP, Bauer RM, Burke SN. (2018). Impaired discrimination with intact crossmodal association in aged rats: A dissociation of perirhinal cortical-dependent behaviors. *Behavioral Neuroscience*, 132(3), 138-151.
- Goldman JG, Vernaleo B, Camicioli R, Dahodwala N, Dobkin R, Ellis T, Galvin J, Marras C, Edwards J, Fields J, Golden R, Karlawish J, Levin B, Shulman L, Smith G, Tangney C, Thomas C, Tröster A, Uc EY, Cohan N, Ellman C, Ellman M, Hoffman C, Hoffman S, Simmonds D. (2018). Cognitive impairment in Parkinson's disease: a report from a multidisciplinary symposium on unmet needs and future directions to maintain cognitive health. *npj Parkinson's Disease*.
- Gomes-Osman J, Rice J, Cabral DLF, Fried PJ, Nissim NR, Aksu S... Woods AJ. (2018). Non-invasive brain stimulation: probing intracortical circuits and improving cognition in the aging brain. *Frontiers in Aging Neuroscience*, 10, 177.
- Gray WN, Netz M, McConville A, Fedele DA, Wagoner ST, Schaefer MR. (2018). Mediation adherence in pediatric asthma: A systematic review of the literature. *Pediatric Pulmonology*, 53, 668-684.
- Gross AL, Payne BR, Casanova R, Davoudzadeh P, Dzierzewski JM, Farias S, Giovannetti T, Ip EH, Marsiske M, Rebok GW, Schaie KW, Thomas KR, Willis SL, Jones RN. (2018). The ACTIVE conceptual framework as a structural equation model. *Experimental aging research*, 44(1), 1-17.
- Gullett JM, Lamb DG, Porges E, Woods AJ, Rieke J, Thompson P... Cohen RA. (2018). The Impact of Alcohol Use on Frontal White Matter in HIV. *Alcoholism: Clinical and Experimental Research*.
- Hazamy A, Altmann LJ, Stegemoller E, Bowers D, Lee H, Okun MS, Hass CJ. (2017). Improved cognition while cycling in Parkinson's Disease patients and healthy adults. *Brain & Cognition*, 113, 23-31.
- Henderson RR, Bradley MM, Lang PJ. (2017). Emotional imagery and pupil diameter. *Psychophysiology*.
- Holtzman AL, Pereira DB, Yeung AR. (2018). Implementation of depression and anxiety screening in patients undergoing radiotherapy. *BMJ Open Qual*, 7(2).
- Horgas AL, Snigurska U, Farland MZ, Marsiske M. (2018). Analyzing Analgesic Medications in Community-Dwelling Older Adults. *Pain Medicine*.
- Houck Z, Asken B, Clugston J, Perlstein W, Bauer RM. (2017). Socioeconomic status and race outperform concussion history and sport participation in predicting collegiate athlete baseline neurocognitive scores. *Journal of the International Neuropsychological Society*, 23, 1-10.
- Huang H, Tanner J, Parvataneni H, Rice M, Horgas A, Ding M, Price CC. (2018). Impact of total knee arthroplasty with general anesthesia on brain networks: cognitive efficiency and ventricular volume predict functional connectivity decline in older adults. *Journal of Alzheimer's Disease*, 62(1), 319-333.
- Jones A, Gerke T, Striley C, Whitehead N, Osborne V, Cottler L. (2017). One Step at A Time: A Latent Transitional Analysis on Changes in Substance Use, Exposure to Violence, And HIV/AIDS Risk Behaviors Among Female Offenders. *American Journal of Criminal Justice*, 1-15.
- Kacel E, Whitehead NE, Pereira DB. (2017). Narcissistic personality disorder in clinical health psychology practice: Case studies of comorbid distress and life-limiting illness. *Journal of Behavioral Medicine*, 43(3), 156-164.
- Kaufman DAS, Keith CM and Perlstein WM. (2018). Orbitofrontal Cortex and the Early Processing of Visual Novelty in Healthy Aging. In Sun J & L I C (eds.), *Brain networks in Aging: Reorganization and modulation by interventions*. Lausanne: Frontiers Media.
- Kaufman DAS, Sozda CN, Dotson VM and Perlstein WM (2018). An Event-Related Potential Investigation of the Effects of Age on Alerting, Orienting, and Executive Function. In Sun J & L I C (eds.), *Brain networks in Aging: Reorganization and modulation by interventions*. Lausanne: Frontiers Media.
- Kaufman DA, Keith CM, Perlstein WM. (2016). Orbitofrontal cortex and the early processing of visual novelty in healthy aging. *Frontiers in Aging Neuroscience*, 8, 101.

FY18 Publications: Department of Clinical and Health Psychology (Page 4)

Kaufman DAS, Bowers D, Okun MS, Van Patten R, Perlstein WM. (2016). Apathy, Novelty Processing, and the P3 Potential in Parkinson's Disease. <i>Frontiers in Neurology</i> , 7, 95.
Kay D, Tanner J, Bowers D. (2018). Sleep Disturbances and Depression Severity in Patients with Parkinson's Disease. <i>Brain and Behavior</i> , e00967.
Kelso-Chichetto NE, Chen X, Plankey M, Ennis N, Abraham AG, Bolan R, Cook RL. (2017). Association between alcohol consumption trajectories and clinical profiles among men and women living with HIV. <i>The American Journal of Drug and Alcohol Abuse</i> , 1-10.
Kirsch JL, Kacel EL, Ulfig CM, Padron A, Wong S, Esparza-Duran D, Smith S, McCrae CS, Robinson ME, Pereira DB. (2018). F002: The role of sleep latency and subjective pain on thermal pain sensitivity in gynecologic cancer. [Abstract]. <i>Annals of Behavioral Medicine</i> , 52 (Suppl 1), S1-S838.
Lamb DG, Porges ES. (2018) Flanker Task. In: Kreutzer J., DeLuca J., Caplan B. (eds) <i>Encyclopedia of Clinical Neuropsychology</i> . Springer, Cham
Lamb DG, Porges EC, Lewis GF, Williamson JB. (2017). Non-invasive vagal nerve stimulation effects on hyperarousal and autonomic state in patients with posttraumatic stress disorder and history of mild traumatic brain injury: preliminary evidence. <i>Frontiers in medicine</i> , 4, 124.
Lamvu G, Alappattu M, Witzeman K, Bishop M, Robinson M, Rapkin A. (2018). Patterns in Vulvodynia Treatments and 6-Month Outcomes for Women Enrolled
Lang PJ. (2017). Award for distinguished contributions to psychophysiology: Bruce N. Cuthbert. <i>Psychophysiology</i> . Advance online publication.
Lang PJ, Herring DR, Duncan C, Richter J, Sege CT, Weymar M... Bradley, M. M. (2018). The startle-evoked potential: Negative affect and severity of pathology in anxiety/mood disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 3, 626-634.
Lang PJ, McTeague LM, Bradley MM. (2017). The psychophysiology of anxiety and mood disorders: The RDoC challenge. <i>Zeitschrift für Psychologie</i> , 225, 175-188.
Levy C, Halan S, Borish M, Akande C, Zalake M, Myers K, Marsiske M, Miller MD, Benjamin L. (2017). Evaluation of V-Mart, a Virtual Reality Grocery Store for TBI and PTSD. <i>Archives of Physical Medicine and Rehabilitation</i> , 98(10), e14.
Libon DJ, Lamar M, Price CC, Jefferson A, Swenson R, Au R. (2018). Neuropsychological evaluation for vascular dementia. <i>APA Handbook of Dementia</i> . American Psychological Association.
Lim CS, Schneider EM, Janicke, D. M. (2018). Developmental influences on behavior change: Children, adolescents, emerging adults, and the elderly. In M. E. Hilliard, K. A. Riekert, J. K. Ockene, & L. Pbert (Eds) <i>The Handbook of Health Behavior Change</i> . 5th ed. New York: Springer Publications.
Loewenstein DA, Curiel RE, Rosselli M, Penate A, Greig-Custo MT, Bauer RM, Guinjoan SM, Hanson KS, Li C, Lizarraga G, Barker WW, Torresc V, DeKosky S, Adjouadi M, Duara R. (2018). Semantic intrusions and failure to recover from proactive semantic interference in amnesic mild cognitive impairment: Relationship to amyloid load and cortical thickness. <i>Current Alzheimer Research</i> .
Lynch Kelly D, Lyon DE, Periera D, Garvan C, Wingard J. (2018). Lifestyle Behaviors, Perceived Stress, and Inflammation of Individuals With Chronic Graft-Versus-Host Disease. <i>Cancer Nursing</i> , 41(1), 11-22.
Makhija SK, Robinson ME, Bader JD, Shugars DA, Litaker MS, Im HR, Rindal DB, Pihlstrom DJ, Meyerowitz C, Gordan VV. (2018). Dentists' decision strategies for suspicious occlusal caries lesions in a National Dental PBRN study. <i>Journal of dentistry</i> , 69, 83-87.
Mankowski RT, Leeuwenburgh C, Manini TM, Woods AJ, Anton SD. (2018). Effects of Fermented Papaya Preparation (FPP) on Safety Outcomes in Older Adults—A Short Report of a Placebo-Controlled Clinical Trial. <i>The Journal of frailty & aging</i> , 7(2), 142-146.
Mannes ZL, Waxenberg LB, Cottler LB, Perlstein WM, Burrell LE, Ferguson EG, Ennis N. (2018). Prevalence and correlates of psychological distress among retired elite athletes: A systematic review. <i>International Review of Sport and Exercise Psychology</i> , 1-30.
McCrae CS, Curtis AF, Williams JM, Dautovich ND, McNamara JP, Stripling A, Dzierzewski JM, Chan WS, Berry RB, McCoy KJM, Marsiske M. (2018). Efficacy of Brief Behavioral Treatment for Insomnia in Older Adults: Examination of Sleep, Mood, and Cognitive Outcomes. <i>Sleep Medicine</i> .
McLaren ME, Nissim NR, Woods AJ. (2018). The effects of medication use in transcranial direct current stimulation: A brief review. <i>Brain stimulation</i> .11, 52-58.

FY18 Publications: Department of Clinical and Health Psychology (Page 5)	
McTeague LM, Laplante M-C, Bulls HW, Shumen JR, Lang PJ, Keil A. (2017). Face Perception in Social Anxiety: Visuocortical Dynamics Reveal Propensities for Hypervigilance or Avoidance. <i>Biological Psychiatry</i> , 83, 618-28.	
Miller MB, Chan WS, Boissoneault J, Robinson M, Staud R, Berry RB, McCrae CS. (2018). Dynamic Daily Associations between Sleep and Alcohol Use in Adults with Chronic Pain. <i>Journal of Sleep Research</i> .	
Morris M, Bowers D, Williamson J, Heilman KM. (2017). Alterations of emotional reactivity following right temporal lobectomy. <i>Neurocase</i> , 23, 314-320.	
O'Shea DM, Dotson VM, Woods AJ, Porges EC, Williamson JB, O'Shea A, Cohen R. (2018). Depressive Symptom Dimensions and Their Association with Hippocampal and Entorhinal Cortex Volumes in Community Dwelling Older Adults. <i>Frontiers in aging neuroscience</i> , 10, 40.	
O'Shea DM, Fieo R, Woods A, Williamson J, Porges E, Cohen R. (2018). Discrepancies between crystallized and fluid ability are associated with frequency of social and physical engagement in community dwelling older adults. <i>Journal of clinical and experimental neuropsychology</i> , 1-8.	
O'Shea DM, de Wit L, Smith GE. (2017). Doctor, should my patients use computer games to prevent Alzheimer's? <i>Clinical Gerontologist</i> 1-14	
Oliverio S, Rodriguez R, Bowers D, Kantor D, Monari E, Scott B, Okun MS, Foote KD. (2017). A randomized trial of dual lead thalamic DBS for the treatment of multiple sclerosis tremor. <i>Lancet Neurology</i> . 35 (14), 1570-76.	
Padron A, Cartagena G, McCrae CS, Robinson ME, Trinastic L, Postupack R, Esparza-Duran D, Kacel E, Ulfig C, Shultz G, Castagno J, Pereira DB. (2018). Cognitive behavioral effects on total wake time in women with gynecologic malignancies and insomnia. [Abstract]. <i>Supportive Care in Cancer</i> , 26(Suppl 2). S233	
Padron A, Wong S, Armstrong ML, George T, Lopez EDS, Bishop M, Pereira DB. (2018). Dyadic relationships among sense of mastery, cancer-related distress, and salivary cortisol in patients and caregivers impacted by advanced abdominal and pelvic cancers: Actor-partner interdependence model (APIM) analyses. [Abstract]. <i>Supportive Care in Cancer</i> , 26(Suppl 2). S232-S233.	
Papa L, Robicsek SA, Brophy GM, Wang KK, Hannay HJ, Heaton S...Robertson CS. (2018). Temporal Profile of Microtubule-Associated Protein 2: A Novel Indicator of Diffuse Brain Injury Severity and Early Mortality after Brain Trauma. <i>Journal of Neurotrauma</i> , 35(1), 32-40.	
Piers RJ, Devlin KN, Ning B, Liu Y, Wasserman B, Massaro JM, Lamar M, Price CC, Swenson R, Davis R, Penney DL, Au R, Libon DJ. (2017). Age and graphomotor decision making assessed with the Digital Clock Drawing Test: The Framingham Heart Study, <i>Journal of Alzheimer's Disease</i> , 60(4): 1611-1620.	
Porges EC. (2017) Backwards Masking. In: Kreutzer J, DeLuca J, Caplan B. (eds) <i>Encyclopedia of Clinical Neuropsychology</i> . Springer, Cham.	
Porges EC. (2017) Priming. In: Kreutzer J, DeLuca J, Caplan B. (eds) <i>Encyclopedia of Clinical Neuropsychology</i> . Springer, Cham.	
Porges EC, Lamb DG. (2018) Pre-Pulse Inhibition. In: Kreutzer J, DeLuca J, Caplan B. (eds) <i>Encyclopedia of Clinical Neuropsychology</i> . Springer, Cham	
Porges, EC, Woods AJ, Lamb DG, Williamson JB, Cohen RA, Edden RA, Harris AD. (2017). Impact of tissue correction strategy on GABA-edited MRS findings. <i>NeuroImage</i> , 162, 249-256.	
Price CC, Libon DJ. (2018). Utilization Behavior. <i>Encyclopedia of Clinical Neuropsychology</i> . Springer Publishing	
Price J, Lewis B, Boissoneault J, Frazier I, Nixon SJ. (2018). Effects of Acute Alcohol and Driving Complexity in Older and Younger Adults. <i>Psychopharmacology</i> 235(3):887-896.	
Rani A, O'Shea A, Ianov L, Cohen RA, Woods AJ, Foster TC. (2017). miRNA in circulating microvesicles as biomarkers for age-related cognitive decline. <i>Frontiers in Aging Neuroscience</i> , 9, 323.	
Ravyts SG, Dzierzewski JM, Grah SC, Buman MP, Aiken-Morgan AT, Giacobbi Jr PR, Roberts BL, Marsiske M, McCrae CS. (2018). An Exploration of Day-to-Day Pain Inconsistency. <i>Clinical gerontologist</i> , 41(2), 123-129.	
Ross KM, Wing RR. (2018). Memory bias for recall of experiences during initial weight loss is affected by subsequent weight loss outcome. <i>Journal of Behavioral Medicine</i> , 41(1), 130-137.	

FY18 Publications: Department of Clinical and Health Psychology (Page 6)

Ross KM, Leahey TM, Kiernan M. (2018). Validation of the Stanford Leisure-Time Activity Categorical Item (L-Cat) using armband activity monitor data. <i>Obesity Science & Practice</i> , 4(3), 276-282.
Ross KM, Qiu P, You L, Wing RR. (2018). Characterizing the pattern of weight loss and regain in adults enrolled in a 12-week Internet-based weight management program. <i>Obesity</i> , 26(2), 318-323.
Sege CT, Bradley MM, Lang PJ. (2018). Avoidance and escape: Defensive reactivity and trait anxiety. <i>Behavioral Research and Therapy</i> , 104, 62-68.
Sevel LS, Boissoneault J, Letzen JE, Robinson ME, Staud R. (2018). Structural brain changes versus self-report: machine-learning classification of chronic fatigue syndrome patients. <i>Experimental brain research</i> , 1-9.
Smith GE, Farias ST. (Eds.). (2018). APA handbooks in psychology series. APA handbook of dementia. Washington, DC, US: American Psychological Association.
Smith GE, Chandler M, Fields JA, Aakre J, Locke DE. (2018). A Survey of Patient and Partner Outcome and Treatment Preferences in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 63, 1459-1468.
Smith GE, Chandler M, Locke DEC, Fields JA, Phatak V, Hanna S, Lunde AM, Hughes V, LePore S, Morris M, Graff-Radford M, Cuc A, Caselli M, Hurst D, Francone A, Wethe J, Eilerstsen J, Lucas P, Hoffman-Snyder C, Kuang LA, Becker M, Dean P, Diehl N, Crook J, Lofquist M, Lofquist E, Vanderhook S, Myles D, Cochran D. (2017). Behavioral Interventions to Prevent or Delay Dementia; A Comparative Effectiveness Protocol. <i>JIMR Research Protocols</i> , 6.
Stark L, Filigno S, Bolling C, Ratcliff M, Kichler J, Robson S, Simon S, McCullough M, Clifford LM, Stough C, Zion C, Ittenbach R. (2018). Clinic and home-based behavioral intervention of obesity in preschoolers: A randomized trial. <i>The Journal of Pediatrics</i> , 192, 115-121.
Staud R, Boissoneault J, Craggs JG, Lai S, Robinson ME. (2018). Task Related Cerebral Blood Flow Changes of Patients with Chronic Fatigue Syndrome: An Arterial Spin Labeling Study. <i>Fatigue: Biomedicine, Health & Behavior</i> 6(2):63-79.
Stough C, McCullough M, Robson S, Bolling C, Filigno S, Kichler J, Zion C, Clifford LM, Simon S, Ittenbach R, Stark L. (2017). Are preschoolers meeting the mark? Comparing dietary, activity, and sleep behaviors of preschoolers with obesity to national recommendations. <i>Journal of Pediatric Psychology</i> , 130, 1-12.
Sullan MJ, Asken BM, Jaffee MS, DeKosky ST, Bauer RM. (2018). Glymphatic system disruption as a mediator of brain trauma and chronic traumatic encephalopathy. <i>Neuroscience and Biobehavioral Reviews</i> , 84, 316-324.
Svingos A, Greif S, Bailey B, Heaton S. (2018). The Relationship Between Sleep and Cognition in Children Referred for Neuropsychological Evaluation: A Latent Modeling Approach. <i>Children</i> , 5(3), 33.
Szymkowicz SM, Dotson VM, McLaren ME, De Wit L, O'Shea DM, Talty FT... Woods AJ. (2017). Precuneus abnormalities in middle-aged to older adults with depressive symptoms: an analysis of BDI-II symptom dimensions. <i>Psychiatry Research: Neuroimaging</i> , 268, 9-14.
Szymkowicz SM, Woods AJ, Dotson VM, Porges EC, Nissim NR, O'Shea A... Ebner NC. (2018). Associations between subclinical depressive symptoms and reduced brain volume in middle-aged to older adults. <i>Aging & mental health</i> , 1-12.
Szymkowicz S, Dotson VM, Jones J, Okun MS, Bowers D. (2017). Dimensions of depression and apathy and their relationship with cognition in Parkinson's disease. <i>Journal of International Neuropsychological Society</i> , 16, 1-14.
Turner EM, Fedele DA, Thompson L, Salloum RG. (2018). Patterns of electronic cigarette use in youth with asthma: Results from a nationally representative sample. <i>Annals of Allergy, Asthma & Immunology</i> , 120, 220-223.
Ulfing CM, Marsiske M, Antoni MH, Kacel E, Postupack R, Trinastic L, Esparza-Duran D, McCrae CS, Robinson ME, Waxenberg LB, Castagno J, Pereira DB. (2018). Cognitive behavioral effects on perceived stress management skills and quality of life in women with gynecologic malignancies. [Abstract]. <i>Supportive Care in Cancer</i> , 26 (Suppl 2), S241-S242.
Wesolowicz DM, Clark JF, Boissoneault J, Robinson ME. (2018). The roles of gender and profession on gender role expectations of pain in health care professionals. <i>Journal of Pain Research</i> , 11, 1121.

FY18 Publications: Department of Clinical and Health Psychology (Page 7)

Wong S, Godfrey M, Le J, Kelly E, George T, Pereira D. (2018). Living with pancreatic cancer: A Photovoice study. [Abstract]. In PSYCHO-ONCOLOGY (Vol. 27, pp. 60-60). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.

Wong S, Le J, Godfrey M, Pham L, George T, Pereira D. (2018). Photovoice as an evidence-based intervention to enhance psychosocial wellbeing in pancreatic cancer patients and their caregivers: A pilot study. [Abstract]. In PSYCHO-ONCOLOGY (Vol. 27, pp. 92-92). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.

Woods AJ, Cohen R, Marsiske M, Alexander GE, Czaja SJ, Wu S. (2018). Augmenting cognitive training in older adults (The ACT Study): Design and Methods of a Phase III tDCS and cognitive training trial. Contemporary clinical trials, 65, 19-32.

FY18 Publications: Department of Environmental & Global Health (Page 1) [n=59]
Abramowitz S, McKune S, Fallah M, Monger KT, Omidian P. (2017) The Opposite of Denial: Social Learning at the Onset of the Ebola Emergency in Liberia. <i>Journal of Health Communication</i> , 22: sup1, 59-65.
Aduugna S, Kebede T, Mekonnen Z, Degarege A, Liang S, Erko B. (2018). Diagnostic performance of Mini Parasep® solvent-free faecal parasite concentrator related to Kato-Katz and McMaster for the diagnosis of intestinal parasitic infections. <i>Trans. Royal Soc. Trop. Med. Hyg.</i> , 111 (12): 572-578,
Ahasan MS, Subramaniam K, Lednicky JA, Loeb JC, Sayler KA, Wisely SM, Waltzek TB. (2018). Complete Genome Sequence of Epizootic hemorrhagic disease virus Serotype 6, Isolated from Florida White-Tailed Deer (<i>Odocoileus virginianus</i>). <i>Genome announcements</i> , 6(14), e00160-18.
Aich N, Masud A, Sabo-Attwood T, Plazas-Tuttle J, Saleh NB. (2017). Dimensional Variations in Nanohybrids: Property Alterations, Applications, and Considerations for Toxicological Implications. In <i>Anisotropic and Shape-Selective Nanomaterials</i> (pp. 271-291). Springer, Cham.
Alemayehu Bg, Tomass Z, Wadilo F, Leja D, Liang S, Erko B. (2018). Epidemiology of intestinal helminthiasis among schoolchildren with emphasis on <i>Schistoma mansoni</i> infection in Wolaita Zone, southern Ethiopia. <i>BMC Public Health</i> , 17(1):587.
Anderson BD, Lednicky JA, Torremorell M, Gray GC. (2017). The Use of Bioaerosol Sampling for Airborne Virus Surveillance in Swine Production Facilities: A Mini Review. <i>Frontiers in veterinary science</i> , 4, 121.
Anderson H, Wood L, McKune S, Kowalewska A. (2017). Household remoteness and patterns of food production, consumption and acquisition in Tajikistan. <i>International Journal of Agricultural Extension</i> .
Baker-Austin C, Oliver JD, Alam M, Ali A, Waldor MK, Qadri F, Martinez-Urtaza J. (2018). <i>Vibrio</i> spec infections. <i>Nat Rev Dis Primers</i> ;4(1):8.
Barr KL, Khan E, Farooqi JQ, Imtiaz K, Prakoso D, Malik F... Long MT. (2018). Evidence of Chikungunya Virus Disease in Pakistan Since 2015 With Patients Demonstrating Involvement of the Central Nervous System. <i>Frontiers in public health</i> , 6, 186.
Opeolu, B, Arts G, Sabo-Attwood T. (2018). Setac Africa Women's Event (Safwe) in Calabar, Nigeria. <i>Setac Globe</i> . Volume 19, Issue 2.
Blohm GM, Lednicky JA, Márquez M, White SK, Loeb JC, Pacheco CA... Morris Jr JG. (2017). Evidence for mother-to-child transmission of zika virus through breast milk. <i>Clinical Infectious Diseases</i> , 66(7), 1120-1121.
Blohm GM, Lednicky JA, White SK, Mavian CN, Márquez MC, González-García KP... Paniz-Mondolfi AE. (2018). Madariaga Virus: Identification of a Lineage III Strain in a Venezuelan Child With Acute Undifferentiated Febrile Illness, in the Setting of a Possible Equine Epizootic. <i>Clinical Infectious Diseases</i> .
Blohm GM, Paniz-Mondolfi AE, Márquez MC, Loeb JC, Pacheco C, Lednicky JA... Morris JG. (2018). Complete Genome Sequence of Dengue Virus Serotype 2, Asian/American Genotype, Isolated from the Urine of a Venezuelan Child with Hemorrhagic Fever in 2016. <i>Genome announcements</i> , 6(24).
Bonny TS, Subramaniam K, Waltzek TB, Elbadry MA, De Rochars VMB, Telisma T... Lednicky JA. (2017). Complete Genome Sequence of Human Coronavirus Strain 229E Isolated from Plasma Collected from a Haitian Child in 2016. <i>Genome announcements</i> , 5(47).
Bonny TS, Yezli S, Lednicky JA. (2018). Isolation and identification of human coronavirus 229E from frequently touched environmental surfaces of a university classroom that is cleaned daily. <i>American journal of infection control</i> , 46(1), 105-107.
Chapman K, Wood E, McKune S. (2017). Perceptions of Vaginal Illness Related to Water Quality in the Coastal Ouest Region of Haiti. <i>Biological Sciences</i> .
Chen H, Zheng X, Nicholas J, Humes ST, Loeb JC, Robinson SE, Bisesi JH, Das D, Saleh NB, Castleman WL, Lednicky JA, Sabo-Attwood T. (2017). Single-walled carbon nanotubes modulate pulmonary immune responses and increase pandemic influenza a virus titers in mice. <i>Virology Journal</i> . 14:242-257.
Clay MC, Garr D, Greer A, Lewis R, Blue A, and Evans C. (2018). An update on the status of interprofessional education and interprofessional prevention education in U.S. academic health centers. <i>Journal of Interprofessional Education and Practice</i> . (10).61-66.

FY18 Publications: Department of Environmental & Global Health (Page 2)
Das D, Sabaraya IV, Sabo-Attwood T, Saleh NB. (2018). Insights into Metal Oxide and Zero-Valent Metal Nanocrystal Formation on Multiwalled Carbon Nanotube Surfaces during Sol-Gel Process. <i>Nanomaterials</i> , 8(6).
Elbadry MA, Tagliamonte MS, Raccurt CP, Lemoine JF, Existe A, Boncy J, Weppelmann TA, Dame JB, Okech BA. (2017). Submicroscopic malaria infections in pregnant women from six departments in Haiti. <i>Trop Med Int Health</i> . 22(8):1030-1036.
Elbadry M, White S, Loeb J, Tagliamonte M, Salemi M, De Rochars JVMB...Lednický J. (2017). Complete genomic sequence of Dengue virus 1, isolated from plasma collected from a Haitian child in 2014. <i>Genome announcements</i> , 5(22), e00331-17.
Garcia-Reyero N, Jayasinghe BS, Kroll KJ, Sabo-Attwood T, Denslow ND. (2018). Estrogen signaling through both membrane and nuclear receptors in the liver of fathead minnow. <i>General and comparative endocrinology</i> , 257, 50-66.
Humes ST, Hentschel S, Lavelle CM, Smith LC, Lednický JA, Saleh NB, Sabo-Attwood T. (2017). Overcoming qRT-PCR interference by select carbon nanotubes in assessments of gene expression. <i>BioTechniques</i> , 63(2), 81-84.
Jiang BG, Liang S, Peng ZR, Morgan L, Chen Q, Wang TB, Remais J. (2017). Transport and public health in China: the road to a healthy future. <i>The Lancet</i> , 390(10104):1781-1791.
Kamareddine L, Wong ACN, Vanhove AS, Hang S, Purdy AE, Kierek-Pearson K, Asara JM, Ali A, Morris Jr JG, Watnick PI. (2018). Activation of <i>Vibrio cholerae</i> quorum sensing promotes survival of an arthropod host. <i>Nature Microbiol</i> . 3 (2).
Khan E, Barr KL, Farooqi JQ, Prakoso D, Abbas A, Khan ZY...Lednický, J. A. (2018). Human west nile virus disease outbreak in Pakistan, 2015–2016. <i>Frontiers in public health</i> , 6, 20.
Lampel KA, Formal SB, Maurelli AT. (2018). A Brief History of <i>Shigella</i> . <i>EcoSal Plus</i> , 8(1).
Lednický JA, White SK, Stephenson CJ, Cherabuddi K, Loeb JC, Moussatche N... Morris JG. (2018). Keystone Virus Isolated from a Florida Teenager with Rash and Subjective Fever: Another Endemic Arbovirus in the Southeastern United States?. <i>Clinical Infectious Diseases</i> .
Liang S, Kintziger K, Reaves P, Ryan SJ. (2017). Climate change impacts on human health. In E. P Chassignet, JW Jones, V Misra, J Obeysekera (Eds.), <i>Florida's climate: Changes, variations, & impacts</i> (pp. 125–152). Gainesville, FL: Florida Climate Institute.
Liechti G, Singh R, Rossi PL, Gray MD, Adams NE, Maurelli AT. (2018). <i>Chlamydia trachomatis</i> dapF Encodes a Bifunctional Enzyme Capable of Both d-Glutamate Racemase and Diaminopimelate Epimerase Activities. <i>mBio</i> , 9(2).
Ma MJ, Wang GL, Anderson BD, Bi ZQ, Lu B, Wang XJ... Li M. (2017). Evidence for cross-species influenza A virus transmission within swine farms, China: a One Health, prospective cohort study. <i>Clinical Infectious Diseases</i> , 66(4), 533-540.
Mathews A, Al-Rajhi A, Kane A. (2018). Validation of a photographic seafood portion guide to assess fish and shrimp intakes. <i>Public Health Nutrition</i> , 21(5), 896-901.
Mavian C, Rife BD, Dollar JJ, Cella E, Ciccozzi M, Prosperi MC... Salemi M. (2017). Emergence of recombinant Mayaro virus strains from the Amazon basin. <i>Scientific reports</i> , 7(1), 8718.
Moens U, Song X, Van Ghelue M, Lednický JA, Ehlers B. (2017). A Role of Sp1 Binding Motifs in Basal and Large T-Antigen-Induced Promoter Activities of Human Polyomavirus HPyV9 and Its Variant UF-1. <i>International journal of molecular sciences</i> , 18(11), 2414.
Myers ML, Durborow RM, Kane AS. (2018). Gulf of Mexico Seafood Harvesters, Part 1: Occupational Injury and Fatigue Risk Factors. <i>Safety</i> , 4(31).
Ngwa M, Young A, Liang S, Blackburn J, Mouhaman A, Mevoula O, Morris JG. (2017). Cultural factors behind cholera transmission in the Far North Region of Cameroon: a field experience and implications for operational level planning of interventions. <i>Pan African Medical Journal</i> , 28:311.
Pan M, Bonny TS, Loeb J, Jiang X, Lednický JA, Eiguren-Fernandez A...Wu CY. (2017). Collection of Viable Aerosolized Influenza Virus and Other Respiratory Viruses in a Student Health Care Center through Water-Based Condensation Growth. <i>mSphere</i> , 2(5), e00251-17.

FY18 Publications: Department of Environmental & Global Health (Page 3)

Pan M, Carol L, Lednický JA, Eiguren-Fernandez A, Hering S, Fan ZH, Wu CY. (2017). Collection of airborne bacteria and yeast through water-based condensational growth. <i>Aerobiologia</i> , 1-12.
Rand KH, Pieretti M, Arcenas R, Beal SG, Houck H, Boslet E, Lednický JA. (2017). Semi-quantitative Influenza A population averages from a multiplex respiratory viral panel (RVP): potential for reflecting target sequence changes affecting the assay. <i>Virology journal</i> , 14(1), 128.
Reyes-Robles T, Dillard RS, Cairns LS, Silva-Valenzuela CA, Houseman M, Ali A, Wright ER, Camilli A. (2018). <i>Vibrio cholerae</i> outer membrane vesicles inhibit bacteriophage infection. <i>J. Bacteriol.</i> 200 (15).
Rivero MRp, De Angelo C, Nunez P, Salas MM, Motta CE, Chiarerra A, Salomon D, Liang S. (2017). Multilevel determinants and spatial risk modeling of intestinal parasite infections in a subtropical areas of Latin America. <i>PLoS NTDs</i> .
Roberts SM, Rohr AC, Mikheev VB, Munson J, Sabo-Attwood T. (2018). Influence of airborne particulates on respiratory tract deposition of inhaled toluene and naphthalene in the rat. <i>Inhalation toxicology</i> , 30(1), 19-28.
Sinha-Ray S, Ali A. (2017). Mutation in <i>flrA</i> and <i>mshA</i> genes of <i>Vibrio cholerae</i> inversely involved in <i>vps</i> -independent biofilm driving bacterium toward nutrients in lake water. <i>Front. Microbiol.</i> 8.
Smith LC, Lavelle CM, Silva-Sanchez C, Denslow ND, Sabo-Attwood T. (2018). Early phosphoproteomic changes for adverse outcome pathway development in the fathead minnow (<i>Pimephales promelas</i>) brain. <i>Scientific reports</i> , 8(1), 10212.
Sohail M, Eqani SAMAS, Podgorski J, Bhowmik A,K Mahmood A, Ali N... Shen H. (2018). Persistent organic pollutant emission via dust deposition throughout Pakistan: Spatial patterns, regional cycling and their implication for human health risks. <i>Science of the Total Environment</i> , 618, 829-837.
Spear R, Zhong B, Liang S. (2017). Low transmission to elimination: rural development as a key determinant of the end-game dynamics of <i>Schistosoma japonicum</i> in China. <i>Trop. Med. Infect. Dis.</i> , 2017, 2, 35.
Stephenson CJ, Rossheim ME, Frankenfeld CL, Boncy J, Okech BA, von Fricken ME. (2017).Cross-sectional analysis of the association between bedtime and malaria exposure in the Ouest and Sud-Est Departments of Haiti. <i>Acta Trop.</i> 176:188-191.
Subramaniam K, Lednický JA, Loeb J, Sayler KA, Wisely SM, Waltzek TB. (2017). Genomic sequences of epizootic hemorrhagic disease viruses isolated from Florida white-tailed deer. <i>Genome announcements</i> , 5(43), e01174-17.
Sabo-Attwood T, Bisesi J, Ferguson L. (2018). Ecotoxicology and Environmental Health in the developing World. <i>Setac Globe. Special Issue.</i> 19(4).
Teklemariam Dg, Legesse M, Degarege A, Liang S, Erko B. (2018). <i>Schistosoma mansoni</i> and other intestinal parasitic infections in schoolchildren and vervet monkeys in Lake Ziway area, Ethiopia. <i>BMC Res Notes</i> .
Weppelmann TA, von Fricken ME, Wilfong TD, Aguenza E, Philippe TT, Okech BA. (2017). Field Trial of the CareStart Biosensor Analyzer for the Determination of Glucose-6-Phosphate Dehydrogenase Activity in Haiti. <i>Am J Trop Med Hyg.</i> 97(4):1262-1270.
White SK, Mavian C, Salemi M, Morris JG Jr, Elbadry MA, Okech BA, Lednický JA, Dunford JC. (2018). A new American subgroup of African-lineage Chikungunya virus detected in and isolated from mosquitoes collected in Haiti, 2016. <i>PLoS One.</i> 10;1.3
White SK, Iovine NM, Nickels LC, Morris JG, Lednický JA. (2017). Complete Genome Sequence of Dengue virus Type 2 from a Resident of North-Central Florida with Locally Transmitted Dengue Fever. <i>Genome announcements</i> , 5(31).
White SK, Mavian C, Elbadry MA, De Rochars VMB, Paisie T, Telisma T... Morris Jr JG. (2018). Detection and phylogenetic characterization of arbovirus dual-infections among persons during a chikungunya fever outbreak, Haiti 2014. <i>PLoS neglected tropical diseases</i> , 12(5).
Wood EA, McNamara K, Kowalewska A, Ludgate N. (2018). Household decision-making around food in rural Tajikistan: a cross-sectional study to help extension workers in the field. <i>Food & nutrition research</i> , 62.
Wood L, Chapman L, Beau de Rochars M, McKune S. (2017). Community-based Health Needs Assessment in Léogâne and Gressier, Haiti: Six Years Post-Earthquake. <i>Journal of International Humanitarian Action</i> .

FY18 Publications: Department of Environmental & Global Health (Page 4)

Yang J, Siri JG, Remais JV, Cheng Q, Zhang H, Chan KKY, Sun Z, Zhao Y, Cong N, Li X, Zhang W, Bai Y, Bi J, Cai W, Chan EYY, Chen W, Fan W, Fu H, He J, Huang H, Ji JS, Jia P, Jiang X, Kwan MP, Li T, Li X, Liang S, Liang X, Liang L, Liu Q, Lu Y, Luo Y, Ma X, Schwartländer B, Shen Z, Shi P, Su J, Wu T, Yang C, Yin Y, Zhang Q, Zhang Y, Zhang Y, Xu B, Gong P. (2018). The Tsinghua-Lancet Commission on Healthy Cities in China: unlocking the power of cities for a healthy China. *Lancet*. 391(10135). 2140-2184.

Yu H, Afshar-Mohajer N, Theodore AD, Lednicky JA, Fan ZH, Wu CY. (2018). An efficient virus aerosol sampler enabled by adiabatic expansion. *Journal of Aerosol Science*. 117. 74-84.

Yu Z, Jang M, Sabo-Attwood T, Robinson SE, Jiang H. (2017). Prediction of delivery of organic aerosols onto air-liquid interface cells in vitro using an electrostatic precipitator. *Toxicology in Vitro*, 42, 319-328.

FY18 Publications: Department of Epidemiology (Page 1) [n=106]
Allott EH, Geradts J, Cohen SM, Khoury T, Zirpoli GR, Bshara W...Cheng TYD...Troester MA. (2018). Frequency of breast cancer subtypes among African American women in the AMBER consortium. <i>Breast Cancer Research</i> , 20(1), 12.
Ansell M, Tennant MR, Piazza V, Cottler LB. (2017). Piloting Consumer Health Information Services in Collaboration with a Community Research Engagement Program. <i>Medical reference services quarterly</i> , 36(4), 348-361.
Apisitwasana N, Perngparn U, Cottler LB. (2018). Effectiveness of school- and family-based interventions to prevent gaming addiction among grades 4-5 students in Bangkok, Thailand. <i>Psychol Res Behav Manag</i> . 11:103-15.
Bai Y, Liu Q, Chen X, et al. (2018) Protection motivation theory in predicting intention to receive cervical cancer screening in rural Chinese women. <i>Psycho-Oncology</i> 27(2): 442-449.
Banack HR, Stokes A, Fox MP, Hovey KM, Cespedes-Feliciano EM, LeBlanc E...Cheng TYD... Wactawski-Wende J. (2018). Stratified probabilistic bias analysis for BMI-related exposure misclassification in postmenopausal women. <i>Epidemiology</i> .
Bian J, Zhao Y, Salloum RG, Guo Y, Wang M, Prosperi M, Zhang H, Du X, Ramirez-Diaz LJ, He Z, Sun Y. (2017). Using Social Media Data to Understand the Impact of Promotional Information on Laypeople's Discussions: A Case Study of Lynch Syndrome. <i>J Med Internet Res</i> . 19(12).
Canidate S, Hart M. (2017). The Use of Avatar Counseling for HIV/AIDS Health Education: The Examination of Self-Identity in Avatar Preferences. <i>J Med Internet Res</i> . 19 (12)
Cella E, Ciccozzi M, Presti AL, Fogolari M, Azarian T, Prosperi M, et al. (2017). Multi-drug resistant <i>Klebsiella pneumoniae</i> strains circulating in hospital setting: whole-genome sequencing and Bayesian phylogenetic analysis for outbreak investigations. <i>Scientific reports</i> . 7(1):3534.
Cespedes Feliciano EM, Prentice RL, Aragaki AK, Neuhaus ML, Banack HR, Kroenke CH...Cheng TYD... Caan BJ. (2017). Methodological considerations for disentangling a risk factor's influence on disease incidence versus postdiagnosis survival: The example of obesity and breast and colorectal cancer mortality in the Women's Health Initiative. <i>International Journal of Cancer</i> , 141(11), 2281-2290.
Chen D, Chen X. (2017). Cusp catastrophe regression and its application in health and behavioral research. <i>International Journal of Environmental Research and Public Health</i> , 14(10):1220.
Chen X, Elliot A, Wang S. (2018). Cross-country association between national freedom-of-the-press and prevalence of persons living with HIV: Implications for global strategy against HIV/AIDS. <i>Global Health Research and Policy</i> . Feb 9, 2018; 3:6.
Chen X, Hu H, Xu X, Gong J, Yan Y, Li F. (2018). Probability sampling by connecting space with households using GIS/GPS technologies. <i>Journal of Survey Statistics and Methodology</i> 6(2):149-168.
Chen X, Hu H. (2018). Rejoinder to the Discussion by Steven Heeringa. <i>Journal of Survey Statistics and Methodology</i> .
Chen X, Yu B, Chen D. (2018). Probabilistic discrete event systems modelling of nonlinear dynamic transitions between electronic and combustible cigarette smoking using the 2014 National Youth Tobacco Survey data. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> . 22(3):289-312
Chen X, Yu B, Wang Y. (2017) Initiation of electronic cigarette use by age among youth in the U.S. <i>American Journal of Preventive Medicine</i> 53(3):396-399.
Chen X, Wang Y, Leeman RF, Li F, Zhao J, Bruijnzeel AW. (2018). Video-assisted topographical measurement of cigarette smoking: Exploration of an objective approach to evaluate nicotine dependence. <i>Tobacco Prevention & Cessation</i> , 4.
Cheng TYD, Darke AK, Redman MW, Kelly K, Santella RM, Albain KS, Ambrosone CB. (2018). Response to H. Nabi et al. <i>JNCI: Journal of the National Cancer Institute</i> .
Cheng TYD, Darke AK, Redman MW, Zirpoli GR, Davis W, Payne Ondracek R... Ambrosone CB. (2018). Smoking, sex, and non-small cell lung cancer: Steroid hormone receptors in tumor tissue (S0424). <i>JNCI: Journal of the National Cancer Institute</i> . 110(7):734-742.

FY18 Publications: Department of Epidemiology (Page 2)

- Cheng TYD, Song X, Beresford SA, Ho GY, Johnson KC, Datta M... Neuhouser ML. (2017). Serum 25-hydroxyvitamin D concentrations and lung cancer risk in never-smoking postmenopausal women. *Cancer Causes & Control*, 28(10), 1053-1063.
- Cook CL, Canidate S, Ennis N, Cook RL. (2018). Types and delivery of emotional support to promote linkage and engagement in HIV care. *Patient preference and adherence*. 12.45.
- Cook RL, Zhou Z, Kelso-Chichetto NE, Janelle J, Morano JP, Somboonwit C...Cohen RA. (2017). Alcohol consumption patterns and HIV viral suppression among persons receiving HIV care in Florida: an observational study. *Addiction science & clinical practice*, 12(1), 22.
- Costea PI, Zeller G, Sunagawa S, Pelletier E, Alberti A, Levenez F... Kultima JR. (2017). Towards standards for human fecal sample processing in metagenomic studies. *Nature biotechnology*, 35(11), 1069.
- Cottler LB, Okafor CN. (2018). Recent Epidemiological Trends in Marijuana Use. *Contemporary Health Issues on Marijuana*, 14.
- Cross KM, Gurka KK, Saliba S, Conaway M, Hertel J. (2017). Comparison of thigh muscle strain occurrence and injury patterns between male and female high school soccer-athletes. *Journal of sport rehabilitation*, 1-35.
- Dave G, Frerich L, Schaal J, Vassar S, Varma D, Striley C, Ruktanonchai C, Black A, Hankins J, Lovelady N, Cene C, Green M, Young T, Tiwari S, Cheney A, Cottler LB, Sullivan G, Brown A, Burke J, Corbie-Smith G. (2017). Conceptualizing trust in community-academic research partnerships using concept mapping approach: a multi-CTSA study. *Eval Program Plann*. 66:70-8.
- Dave G, Frerichs L, Jones J, Kim M, Schaal J, Vassar S...Hankins J. (2018). Conceptualizing trust in community-academic research partnerships using concept mapping approach: A multi-CTSA study. *Evaluation and program planning*, 66, 70-78.
- Davidov DM, Davis SM, Zhu M, Afifi TO, Kimber M, Goldstein AL...Stocks C. (2017). Intimate partner violence-related hospitalizations in Appalachia and the non-Appalachian United States. *PLoS One*, 12(9).
- DeGennaro VA, Malcolm SA, Crompton L, Vaddiparti K, Mramba LK, Striley C, Cottler LB, Taylor KL, Leverance RR. (2018). Community-based diagnosis of non-communicable diseases and their risk factors in rural and urban Haiti: A cross-sectional prevalence study. *BMJ Open*.
- Deng Y, Zeng D, Zhao J, Cai J. (2017). Proportional hazards model with a change point for clustered event data. *Biometrics*, 73(3), 835-845.
- Dobbler PT, Procianoy RS, Mai V, Silveira RC, Corso AL, Rojas BS, Roesch LF. (2017). Low microbial diversity and abnormal microbial succession is associated with necrotizing enterocolitis in preterm infants. *Frontiers in microbiology*, 8, 2243.
- Dunne EM, Striley CW, Mannes ZL, Asken BM, Ennis N, Cottler LB. (2018). Reasons for prescription opioid use while playing in the National Football League as risk factors for current use and misuse among former players. *Clin J Sport Med*.
- Ewing SWF, Chang L, Cottler LB, Tapert SF, Dowling GJ, Brown SA. (2017). Approaching Retention within the Adolescent Brain Cognitive Development Study. *Developmental Cognitive Neuroscience*.
- Fehlberg EA, Lucero RJ, Weaver MT, McDaniel AM, Chandler AM, Richey PA...Shorr RI. (2017). Associations between hyponatraemia, volume depletion and the risk of falls in US hospitalised patients: a case-control study. *BMJ Open*, 7(8).
- Fehlberg EA, Lucero RJ, Weaver MT, McDaniel AM, Chandler AM, Richey PA...Shorr RI. (2017). Impact of the CMS No-Pay Policy on Hospital-Acquired Fall Prevention Related Practice Patterns. *Innov Aging*, 1(3).
- Feldstein Ewing SW, Chang L, Cottler LB, Tapert SF, Dowling GJ, Brown SA. (2017). Approaching retention within the Adolescent Brain Cognitive Development study. *Dev Cogn Neurosci*.
- Flood-Grady E, Page SR, Karimipour N, Harris PA, Cottler LB, Krieger JL. (2017). A content analysis of Clinical and Translational Science Award (CTSA) strategies for communicating about clinical research participation online. *J Clin Transl Science*.

FY18 Publications: Department of Epidemiology (Page 3)	
Fretts AM, Mete M, Howard BV, Best LG, Siscovick DS, Eilat-Adar S, Zhao J. (2018). Physical activity and telomere length in American Indians: the Strong Heart Study. <i>European journal of epidemiology</i> , 33(5), 497-500.	
Gong J, Xu Y, Chen X, Yang N, Li F, Yan YQ. (2018). Persistent effect at 30 months post intervention of a community-based intervention program KM2H2 in reducing stroke and heart attack among senior hypertensive patients. <i>International Journal of Behavior, Nutrition and Physical Activity</i> 15:1.	
Hart M, Stetten NE, Islam S, Pizarro K. (2017). Twitter and Public Health (Part 1): How Individual Public Health Professionals Use Twitter for Professional Development. <i>JMIR Public Health Surveillance</i> . 3(3):e60	
Hart M, Stetten NE, Islam S, Pizarro K. (2017). Twitter and Public Health (Part 2): Qualitative Analysis of How Individual Health Professionals Outside Organizations Use Microblogging to Promote and Disseminate Health-Related Information. <i>JMIR Public Health Surveillance</i> . 3(4).	
Hammadah M, Al IM, Wilmot K, Ramadan R, Abdelhadi N, Alkhoder A...Shah A. (2017). Telomere shortening, regenerative capacity, and cardiovascular outcomes. <i>Circulation research</i> , 120(7), 1130-1138.	
Hong CC, Sucheston-Campbell LE, Liu S, Hu Q, Yao S, Lunetta KL... Cheng TYD... Bandera EV. (2018). Genetic variants in immune-related pathways and breast cancer risk in African American women in the AMBER consortium. <i>Cancer Epidemiology and Prevention Biomarkers</i> , 27(3):321-330.	
Hu H, Eaton WW, Anthony JC, Wu L, Cottler LB. (2017). Age of First Drunkenness and Risks for All-cause Mortality: a 27-year Follow-up from the Epidemiologic Catchment Area Study. <i>Drug and Alcohol Dependence</i> . 176:148-53.	
Huo T, George TJ Jr, Guo Y, He Z, Prosperi M, Modave F, Bian J. (2017). Explore Care Pathways of Colorectal Cancer Patients with Social Network Analysis. <i>Stud Health Technol Inform</i> . 245:1270.	
Jones AA, Gerke T, Striley CW, Whitehead N, Osborne V, Cottler LB. (2017). One step at a time: A latent transitional analysis on changes in substance use, exposure to violence, and HIV/AIDS risk behaviors among female offenders. <i>Am J Crim Just</i> .	
Jones AA, O'Leary CC, Striley CW, Gerke T, Crecelius R, Sullivan J, Cottler LB. (2018). Substance use, victimization, HIV/AIDS risk, and recidivism among females in a therapeutic justice program. <i>J Subst Use</i> .	
Jones AA, Striley CW, Cottler LB. Prescription opioid use, illicit drug use, and sexually transmitted infections among participants from a community engagement program in North-Central Florida. (2017). <i>J Substance Use</i> . 22:90-5.	
Jones AA, Webb FJ, Lasopa SO, Striley CW, Cottler LB. (2018). The association between religiosity and substance use patterns among women involved in the criminal justice system. <i>J Drug Issues</i> . 1-10.	
Jones AA, O'Leary CC, Striley CW, Gerke T, Crecelius R, Sullivan J, Cottler LB. (2018). Substance use, victimization, HIV/AIDS risk, and recidivism among females in a therapeutic justice program. <i>Journal of Substance Use</i> , 23(4), 415-421.	
Kelso-Chicheto NE, Plankey M, Abraham AG, Whitehead NE, Chen X, Bolan R, Cook RL (2018). Association between alcohol consumption trajectories and clinical profiles among men and women living with HIV. <i>American Journal of Drug and Alcohol Abuse</i> 44(1): 85-94.	
Kelso-Chicheto NE, Plankey M, Sheps DS, Abraham AG, Chen X, Shoptaw S, Kaplan RC, Post WS, Cook RL (2017). The impact of long-term moderate and heavy alcohol consumption on incident atherosclerosis among persons living with HIV. <i>Drug and Alcohol Dependence</i> 181: 235-241.	
Kelso-Chichetto NE, Okafor CN, Cook RL, Abraham AG, Bolan R, Plankey M. (2018). Association between depressive symptom patterns and clinical profiles among persons living with HIV. <i>AIDS and behavior</i> , 22(5), 1411-1422.	
Khail G, Prokhorov A, Foster DW, Marini SK, Guindani M, Espada JP, Gonzalvez MT, Idrisov B, Galimov A, Arora M, Tewari A, Isralowitz R, Lapvongwatana P, Chansatitporn N, Chen X, Zheng H, Sussman S (2017). Testing the Nicotine Dependence Measure mFTQ for Adolescent Smokers: A Multinational Investigation. <i>American Journal on addiction</i> . 26(7): 689-696	

FY18 Publications: Department of Epidemiology (Page 4)
Kowalski AM, Striley CW, Varma DS, Egan K, Yaghjyan L. (2018). Interactions of Adjuvant Hormone Therapy and Alcohol Consumption in Relation to Breast Cancer-Free Survival. <i>Journal of Breast Cancer</i> . 21 (2): 158-164.
Li C, He J, Chen J, Zhao J, Gu D, Hixson JE... Kelly TN. (2017). Genome-Wide Gene–Potassium Interaction Analyses on Blood Pressure. <i>Circulation: Cardiovascular Genetics</i> , 10(6).
Li C, Kim YK, Dorajoo R, Li H, Lee IT, Cheng CY... He J. (2017). Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians.
Li D, Mai V, Gerke T, Pinney SM, Yaghjyan L. (2017). Interactions of Family History of Breast Cancer with Radiotherapy in Relation to the Risk of Breast Cancer Recurrence. <i>Journal of breast cancer</i> , 20(4), 333-339.
Liu X, Carney PR, Bussing R, Segal R, Cottler LB, Winterstein AG. (2018). Stimulants do not increase the risk of seizure-related hospitalizations in children with epilepsy. <i>J Child Adolesc Psychopharmacol</i> . 28. 111-6.
Lloyd SL, Striley CW. (2018). Marijuana Use Among Adults 50 Years or Older in the 21st Century. <i>Gerontology and Geriatric Medicine</i> . 4.
Lucero RJ, Frimpong JA, Fehlberg EA, Bjarnadottir RI, Weaver MT, Cook C...Cook RL. (2017). The relationship between individual characteristics and interest in using a mobile phone app for HIV self-management: observational cohort study of people living with HIV. <i>JMIR mHealth and uHealth</i> , 5(7).
Mannes ZL, Bryant VE, Burrell LE, Lu H, Ferguson EG, Zhou Z, Cook RL, Ennis N. (2018). The prevalence and patterns of substance use by birth cohort among HIV-positive adults in Florida. <i>Aging & mental health</i> , 1-9.
Mavian C, Rife BD, Dollar JJ, Cella E, Ciccozzi M, Prosperi M, Lednický J, Morris JG, Capua I, Salemi M. (2017). Emergence of recombinant Mayaro virus strains from the Amazon basin. <i>Scientific reports</i> .
Michailidou K, Lindström S, Dennis J, Beesley J, Hui S, Kar S...Cheng TYD... Easton DF. (2017). Association analysis identifies 65 new breast cancer risk loci. <i>Nature</i> . 551(7678). 92.
Milicchio F, Prosperi M. (2017). Efficient data structures for mobile de novo genome assembly by third-generation sequencing. <i>Procedia Computer Science</i> . 110:440–447.
Milne RL, Kuchenbaecker KB, Michailidou K, Beesley J, Kar S, Lindström S...Cheng TYD... Simard J. (2017). Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. <i>Nature Genetics</i> , 49(12), 1767.
Min J, Osborne V, Kowalski A, Prosperi M. (2017). Reported Adverse Events with Painkillers: Data Mining of the US Food and Drug Administration Adverse Events Reporting System. <i>Drug Saf</i> .
Mukerjee S, Zhu Y, Zsombok A, Mauvais-Jarvis F, Zhao J, Lazartigues E. (2018). Perinatal exposure to Western diet programs autonomic dysfunction in the male offspring. <i>Cellular and molecular neurobiology</i> , 38(1), 233-242.
Naseri C, Haines TP, Etherton-Beer C, McPhail S, Morris ME, Flicker L. . . Hill AM. (2018). Reducing falls in older adults recently discharged from hospital: a systematic review and meta-analysis. <i>Age Ageing</i> .
Okafor CN, Cook RL, Chen X, Surkan PJ, Becker JT, Shoptaw S... Plankey MW. (2017). Prevalence and correlates of marijuana use among HIV-seropositive and seronegative men in the Multicenter AIDS Cohort Study (MACS), 1984–2013. <i>The American journal of drug and alcohol abuse</i> , 43(5), 556-566.
Osborne V, Serdarevic M, Crooke H, Striley C, Cottler LB. (2017). Non-medical opioid use in youth: gender differences in risk factors and prevalence. <i>Addictive behaviors</i> , 72, 114-119.
Ouyang W, An Q, Zhao J, Qin H. (2017). Erratum to: Integrating mean and variance heterogeneities to identify differentially expressed genes. <i>BMC bioinformatics</i> , 18(1), 89.
Park H, Chen C, Wang W, Henry L, Cook RL, Nelson DR. (2018). Chronic hepatitis C virus (HCV) increases the risk of chronic kidney disease (CKD) while effective HCV treatment decreases the incidence of CKD. <i>Hepatology</i> , 67(2), 492-504.

FY18 Publications: Department of Epidemiology (Page 5)

Pence BW, Mills JC, Bengtson AM, Gaynes BN, Breger TL, Cook RL...Mugavero MJ. (2018). Association of increased chronicity of depression with HIV appointment attendance, treatment failure, and mortality among HIV-infected adults in the United States. <i>JAMA psychiatry</i> .
Peng H, Mete M, Desale S, Fretts AM, Cole SA, Best LG...Zhao J. (2017). Leukocyte telomere length and ideal cardiovascular health in American Indians: the Strong Heart Family Study. <i>European journal of epidemiology</i> , 32(1), 67-75.
Peng H, Yeh F, De Simone G, Best LG, Lee ET, Howard BV, Zhao J. (2017). Relationship between plasma plasminogen activator inhibitor-1 and hypertension in American Indians: findings from the Strong Heart Study. <i>Journal of hypertension</i> , 35(9), 1787.
Peng H, Yeh F, Lin J, Best LG, Cole SA, Lee ET... Zhao J. (2017). Plasminogen activator inhibitor-1 is associated with leukocyte telomere length in American Indians: findings from the Strong Heart Family Study. <i>Journal of Thrombosis and Haemostasis</i> , 15(6), 1078-1085.
Peng H, Zhu Y, Strachan E, Fowler E, Bacus T, Roy-Byrne P... Zhao, J. (2018). Childhood Trauma, DNA Methylation of Stress-related Genes, and Depression: Findings from Two Monozygotic Twin Studies. <i>Psychosomatic medicine</i> .
Saunders JB, Cottler LB. (2018). International collaborative research in the addictions. <i>Curr Opin Psychiatry</i> .
Scheidell JD, Beau VDR, Séraphin MN, Hobbs MM, Morris JJ, Célestin JP... Khan MR. (2018). Socioeconomic Vulnerability and Sexually Transmitted Infection among Pregnant Haitian Women. <i>Sexually transmitted diseases</i> .
Seña AC, Lee JY, Schwebke J, Philip SS, Wiesenfeld HC, Rompalo AM, Cook RL, Hobbs MM. (2018). A silent epidemic: the prevalence, incidence and persistence of <i>Mycoplasma genitalium</i> among young, asymptomatic high-risk women in the United States. <i>Clinical Infectious Diseases</i> , 67(1), 73-79.
Serdarevic M, Osborne V, Striley CW, Cottler LB. (2017). The association between insomnia and prescription opioid use: Results from a community sample in Northeast Florida. <i>Sleep Health</i> . 3:368-72.
Sharpe JD, Zhou Z, Escobar-Viera CG, Morano JP, Lucero RJ, Ibañez GE, Hart M, Cook CL, Cook RL. (2018). Interest in using mobile technology to help self-manage alcohol use among persons living with the human immunodeficiency virus: A Florida Cohort cross-sectional study. <i>Substance abuse</i> , 39(1), 77-82.
Stetten NE, Lorenzo F, King JL, Hart M. (2018). Perceived Barriers Preventing and Treating HIV/AIDS Among Public Health Workers in Florida. <i>Florida Public Health Review</i> , 15, 126-133.
Sink KM, Evans GW, Shorr RI, Bates JT, Berlowitz D, Conroy MB . . . Fine LJ. (2018). Syncope, Hypotension, and Falls in the Treatment of Hypertension: Results from the Randomized Clinical Systolic Blood Pressure Intervention Trial. <i>J Am Geriatr Soc</i> , 66(4), 679-686.
Suchy-Dicey AM, Muller CJ, Madhyastha TM, Shibata D, Cole SA, Zhao J...Buchwald D. (2018). Telomere Length and Magnetic Resonance Imaging Findings of Vascular Brain Injury and Central Brain Atrophy: The Strong Heart Study. <i>American journal of epidemiology</i> , 187(6), 1231-1239.
Tradigo G, Vacca R, Manini T, Bird V, Gerke T, Veltri P, Prosperi M.(2017). A new approach to disentangle genetic and epigenetic components on disease comorbidities: studying correlation between genotypic and phenotypic disease networks. <i>Procedia Computer Science</i> . 110:453–458.
Van Bruggen AHC, He MM, Shin K, Mai V, Jeong KC, Finckh MR, Morris JG. (2018). Environmental and health effects of the herbicide glyphosate. <i>Science of The Total Environment</i> , 616, 255-268.
Wang K, Chen X, Bird VY, Gerke TA, Manini TM, Prosperi M. (2017). Association between age-related reductions in testosterone and risk of prostate cancer-An analysis of patients' data with prostatic diseases. <i>Int J Cancer</i> .
Wang Y, Chen X, Hahn J, Brumback B, Zhou Z, Miguez M, Cook RL. (2017). Phosphatidylethanol in comparison to self-reported alcohol consumption among HIV-infected women in a randomized controlled trial of naltrexone for reducing hazardous drinking. <i>Alcoholism: Clinical and Experimental Research</i> . 42(1): 128-134.
Wang Y, Chen X, Ball J, Li X, Zhou Y, Shen Z. (2018) Self-Reported Changes in Alcohol Use Behavior among People Living with HIV in China after Receiving HIV-Positive Diagnosis. <i>Sage-Open Medicine</i> .

FY18 Publications: Department of Epidemiology (Page 6)
Wang K, Chen X, Bird VY, Gerke TA, Manini TM, Prosperi M. (2017). Association between age-related reductions in testosterone and risk of prostate cancer – an analysis of patients’ data with benign prostate diseases. <i>International Journal of Cancer</i> . 141 (9): 1783-1793.
Wang Y, Chen X, Ball J, Li X, Zhou Y, Shen, Z. (2018). Change in alcohol use behavior among people living with HIV in China after receiving their HIV-positive diagnosis. <i>Sage Open Medicine</i> .
Webb FJ, Khubchandani J, Striley CW, Cottler LB. (2018). Black-white differences in willingness to participate and perceptions about health research: Results from the population-based HealthStreet study. <i>J Immigr Minor Health</i> . 6.
Wu L, Shi W, Long J, Guo X, Michailidou K, Beesley J...Cheng TYD...Al-Ejeh F. (2018). A transcriptome-wide association study of 229,000 women identifies new candidate susceptibility genes for breast cancer. <i>Nature Genetics</i> , 1.
Xu Y, Chen X, Yu B, Joseph V, Stanton, B. The effect of self-efficacy in bifurcating the relationship of perceived benefit and cost with condom use among adolescents: A cusp catastrophe modeling analysis. <i>Journal of Adolescence</i> Sep. 22, 61(2017):31-39.
Xu Y, Xu Y, Chen X, Yu B, Yan H, Li S. (2017). Acculturative stress, poor mental health and condom-use intention among international students in China. <i>Health Education Journal</i> 77(2): 142-155.
Xu Y, Chen X, Wang K. (2017) Prevalence of hypertension among persons living with HIV: A systematic review and meta-analysis. <i>American Journal of Hypertension Association</i> , 11(8): 530-540
Yaghjian L, Colditz G, Rosner B, Gasparova A, Tamimi RM. (2018). Associations of coffee consumption and caffeine intake with mammographic breast density. <i>Breast cancer research and treatment</i> , 169(1), 115-123.
Yaghjian L, Rich S, Mao L, Mai V, Egan KM. (2018). Interactions of coffee consumption and postmenopausal hormone use in relation to breast cancer risk in UK Biobank. <i>Cancer Causes & Control</i> , 29(6), 519-525.
Yaghjian L, Stoll E, Ghosh K, Scott CG, Jensen MR, Brandt KR...Vachon CM. (2017). Tissue-based associations of mammographic breast density with breast stem cell markers. <i>Breast Cancer Research</i> , 19(1), 100.
Yu B, Chen X, Wang Y (2018). Dynamic transitions between marijuana and cigarette smoking among U.S. adolescents and emerging adults: Modeling data from the National Survey on Drug Use and Health. <i>The American Journal of Drug and Alcohol Abuse</i> .
Chen Z, Gerke T, Bird V, Prosperi M. (2017). Trends in Gene Expression Profiling for Prostate Cancer Risk Assessment: A Systematic Review. <i>Biomed Hub</i> . 2.
Zazzi M, Hu H, Prosperi M. (2018). The global burden of HIV-1 drug resistance in the past 20 years. <i>Peer J</i> . 6.
Zhang Q, Qin G, Liu Z, Li Z., Li J, Varma DS, Wan Q, Zhao J, Min X, Han X, Liu M. (2018). Dietary Balance Index-07 and the Risk of Anemia in Middle Aged and Elderly People in Southwest China: A Cross Sectional Study. <i>Nutrients</i> . 10. 162.
Zhang Q, Yu B, Chen X, Varma D, Li J, Zhao J, Liu Z, Ryan Y, Han X, Min X. (2017). Patterns of smoking initiation during adolescence and young adulthood in South-West China: Findings of the National Nutrition and Health Survey. <i>BMJ Open</i> 8(5).
Zhao J, Zhu Y, Yang J, Li L, Wu H, De Jager PL...Bennett DA. (2017). A genome-wide profiling of brain DNA hydroxymethylation in Alzheimer's disease. <i>Alzheimer's & Dementia</i> , 13(6), 674-688.

FY18 Publications: Department of Health Services Research, Management & Policy (Page 1) [n=30]
Amorrortu RP, Arevalo M, Vernon SW, Mainous AG III, Diaz V, McKee MD, Ford ME, Tilley BC. (2018). Recruitment of racial and ethnic minorities to clinical trials conducted within specialty clinics: an intervention mapping approach. <i>Trials</i> . 19(1):115.
Anton S, Moehl K, Donahoo WT, Marosi K, Mainous AG III, Mattson MP. (2018). Flipping the metabolic switch: understanding and applying health benefits of fasting. <i>Obesity</i> . 26(2):254-268.
Bardosh KL, Jean L, Beau De Rochars VM, Lemoine JF, Okech B, Ryan, S. J., ... & Morris, J. G. (2017). Polisye kont moustik: A culturally competent approach to larval source reduction in the context of lymphatic filariasis and malaria elimination in Haiti. <i>Tropical Medicine and Infectious Disease</i> , 2(3), 39.
Beau de Rochars VM, Cadet JC, Mainous AG III. Global health: a view from the School of Medicine of L'Université d'État d'Haïti. <i>Family Medicine</i> 2018 Apr; 50(4):259-261.
Bonny TS, Subramaniam K, Waltzek TB, Elbadry MA, De Rochars VMB, Telisma T...Lednicky JA. (2017). Complete Genome Sequence of Human Coronavirus Strain 229E Isolated from Plasma Collected from a Haitian Child in 2016. <i>Genome announcements</i> , 5(47).
De Rochars VB, Cadet J, Mainous A. (2018). Global Health: A View From the School of Medicine of L'Université d'État d'Haïti. <i>Family medicine</i> , 50(4), 259-261.
Hong YR, Jo A, Mainous AG III. (2017). Up-to-date on preventive care services under Affordable Care Act: a trend analysis from MEPS 2007-2014. <i>Medical Care</i> . 55(8):771-780.
Hong YR, Huo J, Mainous AG. (2018). Care Coordination Management in Patient-Centered Medical Home: Analysis of the 2015 Medical Organizations Survey. <i>Journal of General Internal Medicine</i> , 1-3.
Hong YR, Kates F, Song SJ, Lee N, Duncan RP, Marlow NM. (2018). Benchmarking Implications: Analysis of Medicare Accountable Care Organizations Spending Level and Quality of Care. <i>Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality</i> .
Huo J, Chu Y, Chamie K, Smaldone MC, Boorjian SA, Baillargeon JG... Tyler DS. (2018). Increased Utilization of Positron Emission Tomography/Computed Tomography (PET/CT) Imaging and Its Economic Impact for Patients Diagnosed With Bladder Cancer. <i>Clinical genitourinary cancer</i> . 16(1).
Huo J, Yang M, Shih YCT. (2018). Sensitivity of Claims-Based Algorithms to Ascertain Smoking Status More Than Doubled with Meaningful Use. <i>Value in Health</i> , 21(3). 334-340.
Jazzar U, Yong S, Klaassen Z, Huo J, Hughes BD, Esparza E...Kamat, A. M. (2018). Impact of psychiatric illness on decreased survival in elderly patients with bladder cancer in the United States. <i>Cancer</i> .
Jo A, Mainous III AG. (2018). Informational value of percent body fat with body mass index for the risk of abnormal blood glucose: a nationally representative cross-sectional study. <i>BMJ Open</i> . 8(4).
Kates FR, Haider MR, Laberge M. (2017). Prevalence and determinants of water pipe tobacco and polytobacco use among 18-to 24-year-old emerging adults in the United States. <i>Emerging Adulthood</i> .
Keys H, Gonzales M, De Rochars MB, Blount S, Noland GS. (2018). Building Trust through Lymphatic Filariasis Elimination: A Platform to Address Social Exclusion and Human Rights in the Dominican Republic. <i>Health and human rights</i> , 20(1), 41.
Mainous AG III, Fang B, Peterson LE. Competency assessment in family medicine residency: observations, knowledge-based examinations, and advancement. <i>Journal of Graduate Medical Education</i> 2017 Dec; 9(6):730-734.
Mainous AG III, Porter M, Agana DF, Chessman AW. Institutional NIH research funding and a culture of support for family medicine--their relationship to family medicine specialty choice. <i>Family Medicine</i> 2018 May; 50(5):369-371.
Mainous AG III. (2018). Let's reconceptualize how leadership training fits with teamwork and cooperation. <i>Family Medicine</i> . 50(4):259-261.
Mainous AG, Tanner RJ, Jo A, Park K, De Rochars VMB. (2018). Trends in Cardiovascular Disease Risk in the US, 1999–2014. <i>American journal of preventive medicine</i> .

FY18 Publications: Department of Health Services Research, Management & Policy (Page 2)

Marlow NM, Simpson KN, Vaughn IA, Jo A, Zoller JS, Short EB. (2018). Healthcare Costs and Medication Adherence Among Patients with Fibromyalgia: Combination Medication vs. Duloxetine, Milnacipran, Venlafaxine, and Pregabalin Initiators. <i>Pain Practice</i> , 18(2), 154-169.
Mills JC, Harman JS, Cook RL, Marlow NM, Harle CA, Duncan RP... Pence BW. (2017). Comparative effectiveness of dual vs. single-action antidepressants on HIV clinical outcomes in HIV-infected people with depression. <i>Aids</i> , 31(18), 2515-2524.
Pinnix CC, Huo J, Milgrom SA, Yehia ZA, Fanale M, Oki Y...Smith GL. (2018). Using benchmarked lung radiation dose constraints to predict pneumonitis risk: developing a nomogram for patients with mediastinal lymphoma. <i>Advances in Radiation Oncology</i> .
Rassolian MD, Peterson LE, Fang B, Knight HC Jr, Andrew W. Bazemore AW, Baxley EG, Mainous AG III. (2017). Physician Burnout: Workplace factors involved in Burnout. <i>JAMA Internal Medicine</i> . 177(7):1036-1038.
Sairenji T, Dai M, Eden A, Peterson LE, Mainous AG III. (2017). Fellowship or Further Training for Family Medicine Residents?" <i>Family Medicine</i> . 49(8):618-621.
Seehusen DA, Deavers JL, Mainous AG III, Ledford CJ. (2018). The intersection of physician wellbeing and clinical application of diabetes guidelines. <i>Patient Education and Counseling</i> . 101(5):894-899.
Seehusen DA, Mainous AG III, Chessman AW. (2018). Creation of a centralized infrastructure to facilitate medical education research. <i>Annals of Family Medicine</i> . 16(3):257-260.
Walker AF, Hall JM, Shenkman EA, Gurka MJ, Morris HL, Haller MJ, Rohrs HJ, Salazar KR, Schatz DA. (2018). Geographic Access to Endocrinologists for Florida's Publicly Insured Children With Diabetes. <i>American Journal of Managed Care</i> : 24(4), 103, 106-109.
Walker AF, Schatz DA, Johnson C, Rohrs HJ, Salazar K. (2017). Socioeconomic Status and the Domestic Allocation of Type 1 Diabetes Care. <i>PLAID: People Living with And Inspired by Diabetes</i> , 3(1), 16-26.
Williams SB, Huo J, Chu Y, Baillargeon JG, Daskivich T, Kuo YF... Freedland SJ. (2017). Cancer and all-cause mortality in bladder cancer patients undergoing radical cystectomy: development and validation of a nomogram for treatment decision-making. <i>Urology</i> , 110, 76-83.
Williams SB, Shan Y, Jazzar U, Mehta HB, Baillargeon JG, Huo J...Kamat AM. (2018). Comparing Survival Outcomes and Costs Associated With Radical Cystectomy and Trimodal Therapy for Older Adults With Muscle-Invasive Bladder Cancer. <i>JAMA surgery</i> .

FY18 Publications: Department of Occupational Therapy (Page 1) [n=18]
Alvarez L, Classen S. (2018). Clinical predictors of on-road outcomes in Parkinson's disease. <i>The Canadian Journal of Occupational Therapy</i> , 85(3):232-241.
Alvarez L, Classen S, Medhizadah S, Knott M, He W. (2018). Pilot efficacy of a DriveFocus™ intervention on the driving performance of young drivers. <i>Frontiers in Public Health</i> . 6(125). p. 1-9.
Campos JL, Bédard M, Classen S, Delparte JJ, Hebert DA, Hyde N, Law G, Naglie G, Otto N, Yung S. (2017). Needs and Gaps for Assessing At Risk Drivers Using Driving Simulators. <i>Frontiers</i> . 8 (1428).
Chapman HJ, Veras-Estévez BA, Pomeranz JL, Pérez-Then EN, Marcelino B, Lauzardo M. (2017). The role of powerlessness among health care workers in tuberculosis infection control. <i>Qualitative health research</i> . 27(14). 2116-2127.
Classen S. (2017). Editorial: OTJR's journey in becoming a world-class journal. <i>OTJR: Occupation, Participation and Health</i> , 37(2). 1-3.
Classen S. (2018). Editorial: Growth and advances of OTJR. <i>OTJR: Occupation, Participation and Health</i> , 38 (1). 3-5.
Classen S, Winter S, Szafranski E, McGowan C, Levy C, Monahan M, Yarney A. Grounded theory focus group findings in combat veterans with driving performance issues (2017). <i>American Journal of Occupational Therapy</i> . 71(4).
Dagne G, Odedina F, Aime N, Young ME. (2017). Area-level factors associated with spatial variation of prostate cancer incidence for black men. <i>International Journal of Cancer Therapy and Oncology</i> . 5(1).
Johnson MO, Koester KA, Wood T, Neilands TB, Pomeranz JL, Christopoulos KA. (2017). Development of an Index of Engagement in HIV Care: An Adapted Internet-Based Delphi Process. <i>JMIR research protocols</i> . 6(12).
Kaninjing E, Lopez I, Nguyen J, Odedina F, Young ME. (2018). Prostate cancer screening perception, beliefs, and practices among men in Bamenda, Cameroon. <i>American Journal of Men's Health</i> .
King JL, Merten JW, Wong TJ, Pomeranz JL. (2018). Applying a Social–Ecological Framework to Factors Related to Nicotine Replacement Therapy for Adolescent Smoking Cessation. <i>American Journal of Health Promotion</i> . 32(5). 1291-1303.
Medhizadah S, Classen S, Johnson A. (2018). Constructing the 32-item Fitness-to-Drive Screening Measure©. <i>OTJR: Occupation, Participation and Health</i> . 38(2). 89-95.
Merlin JS, Young SR, Starrels JL, Azari S, Edelman EJ, Pomeranz J...Liebschutz JM. (2018). Managing concerning behaviors in patients prescribed opioids for chronic pain: a Delphi study. <i>Journal of general internal medicine</i> . 33(2), 166-176.
Morrow AA, Classen S, Monahan M, Danter T, Taylor R, Krasniuk S, Rosehart H, He W. (2017). On-road assessment of fitness to drive in persons with MS with cognitive impairment: A prospective study. <i>Journal of Multiple Sclerosis</i> . Advanced On-Line Publication 1-8.
Myers CT, Schaefer N, Coudron A. (2017). Continuing Competence Assessment and Maintenance in Occupational Therapy: Scoping Review with Stakeholder Consultation. <i>Australian Journal of Occupational Therapy</i> . 64,486–500.
Piervil E, Odedina F, Young ME. (2018). The Role and Influence of Prostate Cancer Caregivers Across the Care Continuum. <i>Health Promotion Practice</i> .
Rapoport MJ, Chee JN, Carr DB, Molnar F, Naglie G, Dow J, Marottoli R, Mitchell S, Tant M, Herrmann N, Lanctot K, Taylor J-P, Donaghy PC, Classen S, O'Neill D. (2018). An international approach to enhancing a national guideline on driving and dementia. <i>Current Psychiatry Reports</i> , 20 (16).
Saldana PS, Pomeranz JL, Young ME. (2018). More than a job: Career development of individuals with cystic fibrosis. <i>Work</i> , 59(3), 425-437.

FY18 Publications: Department of Physical Therapy (Page 1) [n=54]
Batra A, Harrington A, Lott DJ, Willcocks R, Senesac C, McGehee W, Xu D, Mathur S, Daniels MJ, Rooney WD, Forbes SC, Triplett W, Deol JK, Arpan I, Bendixen R, Finkel R, Finanger E, Tennekoon G, Byrne B, Russman B, Sweeney LH, Walter G, Vandenborne K. (2018). Two-Year Longitudinal changes in lower limb strength and its relation to loss in function in a large cohort of patients with Duchenne Muscular Dystrophy. <i>Am J Phys Med Rehabil</i> .
Alappattu MJ, Bishop MD. (2018). Pelvis gone wild: a sordid tale of musculoskeletal dysfunction. <i>Pain Week Journal</i> . 6(1). 26-33.
Alonso-Perez JL, Lopez-Lopez A, La Touche R, Lerma-Lara S, Suarez E, Rojas J...Fernández-Carnero J. (2017). Hypoalgesic effects of three different manual therapy techniques on cervical spine and psychological interaction: A randomized clinical trial. <i>Journal of bodywork and movement therapies</i> , 21(4), 798.
Arora H, Willcocks RJ, Lott DJ, Harrington AT, Senesac CR, Zilke KL, Daniels MJ, Xu D, Tennekoon GI, Finanger EL, Russman BS, Finkel RS, Triplett WT, Byrne BJ, Walter GA, Sweeney HL, Vandenborne K. (2018), Longitudinal timed function tests in Duchenne muscular dystrophy: Imagingdmd cohort natural history. <i>Muscle Nerve</i> .
Barnard AM, Willcocks RJ, Finanger EL, Daniels MJ, Triplett WT, Rooney WD, Lott DJ, Forbes SC, Wang DJ, Senesac CR, Harrington AT, Finkel RS, Russman BS, Byrne BJ, Tennekoon GI, Walter GA, Sweeney HL, Vandenborne K. (2018). Skeletal muscle magnetic resonance biomarkers correlate with function and sentinel events in Duchenne muscular dystrophy. <i>PLoS one</i> . 13 (3).
Batra A, Harrington A, Lott DJ, Willcocks R, Senesac C, McGehee W...Forbes SC. (2018). Two-Year Longitudinal changes in lower limb strength and its relation to loss in function in a large cohort of patients with Duchenne Muscular Dystrophy. <i>American journal of physical medicine & rehabilitation</i> .
Beneciuk JM, Lentz TA, He Y, Wu SS, George SZ. (2018). Prediction of Persistent Musculoskeletal Pain at 12 Months: A Secondary Analysis of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Validation Cohort Study. <i>Phys Ther</i> . 98(5). 290-301.
Bialosky JE, Beneciuk JM, Bishop MD, Coronado RA, Penza CW, Simon CB, George SZ. (2017). Unraveling the Mechanisms of Manual Therapy: Modeling an Approach. <i>J Orthop Sports Phys Ther</i> . 48(1). 8-18.
Bialosky JE, Bishop MD, Penza CW. (2017). Placebo mechanisms of manual therapy: A sheep in wolf's clothing? <i>JOSPT</i> . 47(5). 301-304.
Bialosky JE, Robinson ME. Placebo disclosure does not result in negative changes in mood or attitudes towards health care or the provider. (2017). <i>J Man Manip Ther</i> . 25(3). 151-159
Bialosky JE, Bishop MD, Penza CW. (2017). Manual Therapy: More Than Elaborate Swordplay Response. <i>Journal Of Orthopedic & Sports Physical Therapy</i> , 47(8). 581-583.
Bishop MD, Bialosky JE, Penza CW, Beneciuk JM, Alappattu MJ. <i>J Pain Res</i> . (2017). The influence of clinical equipoise and patient preferences on outcomes of conservative manual interventions for spinal pain: an experimental study. 10. 965-972.
Bishop MD, George SZ. (2017) Pain sensitivity and torque used during measurement predicts change in range of motion at the knee. <i>J Pain Res</i> . 10. 2711–2716.
Bishop MD, Mintken P, Bialosky JE, Cleland JA. (2018). Factors shaping expectations for complete relief from symptoms during rehabilitation for patients with spine pain. <i>Physiother Theory Pract</i> . 1-10.
Casamento-Moran A, Fleeman R, Chen YT, Kwon M, Fox EJ, Yacoubi B, Christou EA. (2018). Neuromuscular variability and spatial accuracy in children and older adults. <i>Journal of Electromyography and Kinesiology</i> . 41. 27-33.
Chrzanowski SM, Baligand C, Willcocks RJ, Deol J, Schmalfuss I, Lott DJ, Daniels MJ, Senesac C, Walter GA, Vandenborne K. (2017). Multi-slice MRI reveals heterogeneity in disease distribution along the length of muscle in Duchenne muscular dystrophy. <i>Acta Myol</i> . 36(3):151-162.
Chrzanowski SM, Vohra RS, Lee-McMullen BA, Batra A, Spradlin RA, Morales J... Walter GA. (2017). Contrast-Enhanced Near-Infrared Optical Imaging Detects Exacerbation and Amelioration of Murine Muscular Dystrophy. <i>Molecular imaging</i> . 16.

FY18 Publications: Physical Therapy (Page 2)

- Clark DJ, Chatterjee SA, McGuirk TE, Porges EC, Fox EJ, Balasubramanian CK. (2018). Sympathetic nervous system activity measured by skin conductance quantifies the challenge of walking adaptability tasks after stroke. *Gait & posture*. 60. 148-153.
- Cornelison RC, Gonzalez-Rothi EJ, Porvasnik SL, Wellman SM, Park JH, Fuller DD, Schmidt CE. (2018). Injectable hydrogels of optimized acellular nerve for injection in the injured spinal cord. *Biomed Mater*, 13(3).
- Corti M, Liberati C, Smith BK, Lawson LA, Tuna IS, Conlon TJ, Coleman KE, Islam S, Herzog RW, Fuller DD, Collins SW, Byrne BJ. (2017). Safety of Intradiaphragmatic Delivery of Adeno-Associated Virus-Mediated Alpha-Glucosidase (rAAV1-CMG-hGAA) Gene Therapy in Children Affected by Pompe Disease. *Human Gene Therapy Clinical Development*. 298(2): 216-24.
- Rose DK, Nadeau SE, Wu SS, K. Tilson JK, Dobkin BH, Pei Q, Duncan PW. (2017). Locomotor Training and Strength and Balance Exercises for Walking Recovery After Stroke: Response to Number of Training Sessions, *Physical Therapy*. 97(11). 1066–1074,
- Duenas VH, Cousin CA, Parikh A, Freeborn P, Fox EJ, Dixon WE. (2018). Motorized and Functional Electrical Stimulation Induced Cycling via Switched Repetitive Learning Control. *IEEE Transactions on Control Systems Technology*.
- Dunleavy K, Chevan J, Sander AP, Gasherebuka JD, Mann M. (2017). A contextual model for continuing professional development (CPD) to build capacity in low-resource countries: Rwanda. *The European Journal of Physiotherapy*. 19(1).
- Dunleavy K, Lulofs-MacPherson K. (2018). Examination and evaluation to assist with therapeutic exercise prescription. In: Dunleavy K, Kubo Slowik A.(eds) *Therapeutic Exercise Prescription*. Elsevier Saunders.
- Nichols C, Jain MS, Meilleur KG, Wu T, Collins J, Waite MR, Dastgir J, Salman A, Donkervoort S, Duong T, Keller K, Leach ME, Lott DJ, McGuire MN, Nelson L, Rutkowski A, Vuillerot C, Bönnemann CG, Lehky TJ. (2017). Electrical impedance myography in individuals with collagen 6 and laminin α -2 congenital muscular dystrophy: a cross-sectional and 2-year analysis. *Muscle Nerve*. 57(1). 54-60.
- Fuller DD. (2017). Spinal decision making for respiratory muscle recruitment? *J Physiol*, 595(23), 7017.
- Fuller DD. (2018). How does spinal cord injury lead to obstructive sleep apnoea? *J Physiol*, 596(14). 2633.
- Gouspillou G, Godin R, Piquereau J, Picard M, Mofarrahi M, Mathew J, Purves-Smith FM, Sgarlato N, Hepple RT, Burelle Y, Hussain SNA. (2018). Protective role of Parkin in skeletal muscle contractile and mitochondrial function. *The Journal of Physiology*. 569.13: 2565-79.
- George SZ, Beneciuk JM, Lentz TA, Wu SS, Dai Y, Bialosky JE, Zeppieri G Jr. (2018). Optimal Screening for Prediction of Referral and Outcome (OSPRO) for Musculoskeletal Pain Conditions: Results From the Validation Cohort. *J Orthop Sports Phys Ther*. (6):460-475.
- George SZ, Bishop MD. (2018). Chronic Musculoskeletal Pain is a Nervous System Disorder... Now What?. *Physical therapy*. 98(4): 209-213.
- Goldberg P, Zeppieri G, Bialosky J, Bocchino C, van den Boogaard J, Tillman S, Chmielewski TL. (2017). Kinesiophobia and Its Association With Health-Related Quality of Life Across Injury Locations. *Arch Phys Med Rehabil*.
- Gonzalez-Rothi EJ, Streeter KA, Hanna MH, Stamas AC, Reier PJ, Baekey DM, Fuller, D.D. (2017). High-Frequency epidural stimulation across the respiratory cycle evokes phrenic short-term potentiation after incomplete cervical spinal cord injury. *J Neurophysiol*. 118: 2344-2357.
- Guevera A, Senesac CR. (2017). The Atlas of Spinal Orthotics. Fisk JR, Lonstein JE, Malas BS eds. *The Role of Physical Therapy in Adolescent Idiopathic Scoliosis*. Exceed Worldwide.
- Hawkins KA, Fox EJ, Daly JJ, Rose DK, Christou EA, McGuirk TE... Clark DJ. (2018). Prefrontal over-activation during walking in people with mobility deficits: Interpretation and functional implications. *Human movement science*. 59: 46-55.
- Hepple RT. (2018). When motor unit expansion in aging muscle fails, atrophy ensues. *The Journal of Physiology* 596.9: 1545-46
- Joyce C, Schneider M, Stevans JM, Beneciuk JM. (2018). Improving Physical Therapy Pain Care, Quality, and Cost Through Effectiveness-Implementation Research. *Phys Ther*. 98(5):447-456.

FY18 Publications: Physical Therapy (Page 3)

Lamvu GL, Alappattu MJ, Witzeman K, Bishop MD, Robinson ME, Rapkin A. (2018). Patterns in Vulvodynia Treatments and 6-Month Outcomes for Women Enrolled in the National Vulvodynia Registry-An Exploratory Prospective Study. J Sex Med.
Lee KZ, Gonzalez-Rothi EJ. (2017). Contribution of 5-HT2A receptors on diaphragmatic recovery after chronic cervical spinal cord injury. Respir Physiol and Neurobiol. 244:51-55.
McDevitt AW, Mintken PE, Cleland JA, Bishop MD. (2018). Impact of expectations on functional recovery in individuals with chronic shoulder pain. J Manual & Manipulative Therapy, 1-11.
McGehee WF, Dunleavy K, Blue AV, Stetten NE, Black EW. (2018). Physical therapist students' perceptions: learning from a community-based, client-focused, interprofessional learning experience. J Phys Ther Ed. 32(1). 70-76.
Nair J, Streeter KA, Turner SMF, Sunshine MD, Bolser DC, Fox EJ...Fuller DD. (2017). Anatomy and physiology of phrenic afferent neurons. J Neurophysiol. 118(6), 2975-2990.
Penza CW, Horn ME, George SZ, Bishop MD. (2017). Comparison of 2 lumbar manual therapies on temporal summation of pain in healthy volunteers. J Pain. 18(11). 1397-1408.
Rose DK, DeMark L, Fox EJ, Clark DJ, Wludyka P. (2018). A backward walking training program to improve balance and mobility in acute stroke: a pilot randomized controlled trial. J Neuro Phys Ther. 42(1), 12-21.
Kapchinsky S, Vuda M, Miguez K, Elkrief D, Rico de Souza A, Baglole CJ, Aare S, MacMillan NJ, Baril J, Rozakis P, Sonjak V, Pion C, Aubertin-Leheudre M, Morais JA, Jagoe RT, Bourbeau J, Taivassalo T, Hepple RT. (2018). Smoke-induced neuromuscular junction degeneration precedes the fiber type shift and atrophy in COPD. J Physiol. 596.14: 2865-81.
S. Vorona, U Sabatini, S Al-Maqbali... (2018). Inspiratory muscle rehabilitation in critically ill adults: a systematic review and meta-analysis. Ann Am Thorac Soc. 15(6): 735-744.
Sharififar S, Shuster JJ, Bishop MD. (2018). Adding electrical stimulation during standard rehabilitation after stroke to improve motor function. A systematic review and meta-analysis. Ann Phys Rehabil Med.
Smith BK, Falk DJ. (2018). Mechanical Ventilation for Duchenne Muscular Dystrophy: Sinner or Saint? Muscle & Nerve. 57(3): 353-5.
Streeter KA, Sunshine MD, Patel S, Gonzalez-Rothi EJ, Reier PJ, Baekey DM, Fuller DD. (2017). Intermittent Hypoxia Enhances Functional Connectivity of Midcervical Spinal Interneurons. J Neurosci, 37(35). 8349-8362.
Sunshine MD, Ganji CN, Reier PJ, Fuller DD, Moritz CT. (2018). Intraspinal microstimulation for respiratory muscle activation. Exp Neurol. 302, 93-103.
Tams CG, Ataya A, Euliano NR, Stephan P, Martin AD, Alnuaimat H, Gabrielli A. (2017). Decision support system facilitates rapid decreases in pressure support and appropriate inspiratory muscle workloads in adults with respiratory failure. J Crit Care. 42: 213-217.
Turner S, Streeter KA, Greer J, Mitchell GS, Fuller DD. (2017). Pharmacological modulation of hypoxia-induced respiratory neuroplasticity. Respir Physiol Neurobiol.
Vistamehr A, Balasubramanian CK, Clark DJ, Neptune RR, Fox EJ. (2018). Dynamic balance during walking adaptability tasks in individuals post-stroke. J biomech. 74. 106-115.
Vohra R, Batra A, Forbes SC, Vandenborne K, Walter GA. (2017). Magnetic Resonance Monitoring of Disease Progression in mdx Mice on Different Genetic Backgrounds. The American journal of pathology. 187(9). 2060-2070.
Willcocks RJ, Triplett WT, Lott DJ, Forbes SC, Batra A, Sweeney HL...Walter GA. (2018). Leg muscle MRI in identical twin boys with duchenne muscular dystrophy. Muscle & nerve.

FY18 Publications: Department of Speech, Language and Hearing Sciences (Page 1) [n=23]
Arrese LC, Schieve HJ, Grahan JM, Stephans JA, Carrua RL, Plowman EK. (2018) Relationship between oral intake, patient perceived swallowing impairment, and objective videofluoroscopic measures of swallowing in head and neck cancer patients. <i>Dysphagia</i> .
Brandimore AE, Hegland KW, Okun MS, Davenport PW, Troche MS. (2017). Voluntary upregulation of reflex cough is possible in healthy older adults and Parkinson's disease. <i>Journal of Applied Physiology</i> , 123(1), 19-26.
Chakraborty N, Logan KJ. (2018). Effects of measurement method and transcript availability on inexperienced raters' stuttering frequency scores. <i>J Com Dis</i> . 74, 23-34.
Ernster A, Park SH, Basma Y, Christou E, Casamento-Moran A, Singer M, Humbert IA. (2018). Motor transfer from the corticospinal to the corticobulbar pathway. <i>Physiology and Behavior</i> . 191:155-161.
Feld J, Zukowski L, Giuliani C, Altmann LJP, Howard AG, Najafi B, Plummer P. (2018). Relationship between dual-task gait speed and walking activity post stroke. <i>Stroke</i> . 49 (5). 1296-1298.
Gifford RH, Loiselle L, Natale S, Sheffield SW, Sunderhaus LW, Dietrich MS, Dorman MF. (2018). Speech Understanding in Noise for Adults With Cochlear Implants: Effects of Hearing Configuration, Source Location Certainty, and Head Movement. <i>Journal of Speech, Language, and Hearing Research</i> . 61(5), 1306-1321.
Humbert IA, Sunday K, Karagirogus E, Vose A, Gould F, Greene L, Tolar A, Rivet A. (2018). Swallowing kinematic differences across frozen, mixed, and ultra-thin liquid boluses in healthy adults: Age, sex, and normal variability: <i>J Speech Lang Hear Res</i> . 61(7):1544-1559.
Hutcheson KA, Barrow MP, Plowman EK, Lai SY, Fuller CD, Barringer DA, Eapen G, Wang Y, Hubbard R, Jimenez SK, Little LG, Lewin JS. (2017). Expiratory muscle strength training for radiation-associated aspiration after head and neck cancer: A case series. <i>Laryngoscope</i> .
Hutcheson KA, Barrow MP, Warneke CL, Wang Y, Eapen G, Lai SY, Barringer DA, Plowman EK, Lewin JS. (2017). Cough strength and expiratory force in aspirating and nonaspirating postradiation head and neck cancer survivors. <i>Laryngoscope</i> .
Logan KJ. (2017). Response to book reviews by Millard and Scott. <i>Journal of Fluency Disorders</i> . 54, 63-64.
Logan KJ. (2018). Combined modality fluency therapy in a teenager with severe stuttering. In R. Branski & S. Molfenter (Eds.) <i>Speech-Language Pathology Casebook</i> . Thieme MedOne.
Mulheren R, Azola A, Humbert IA, Palmer J, Gonzalez-Fernandez M. (2018). Swallowing changes in community-dwelling older adults. <i>Dysphagia</i> .
Nitttrouer S, Caldwell-Tarr A, Low KE, Lowenstein JH. (2017). Verbal working memory in children with cochlear implants. <i>J. Speech Lang. Hear. Res</i> . 60, 3342-3364.
Nitttrouer S, Krieg LM, Lowenstein JH. (2018). Speech Recognition in Noise by Children with and without Dyslexia: How is it Related to Reading? <i>Res. Dev. Disabil</i> . 77, 98-113.
Park SH, Casamento-Moran A, Singer M, Ernster A, Yacoubi B, Humbert IA, Christou EA. (2018). Integration of visual feedback and motor learning: Corticospinal vs. corticobulbar pathway. 1. <i>Human Movement Science</i> . 58:88-96.
Pattee GL, Plowman EK, Brooks BR, Berry JD, Atassi N, Chapin JL, Garand K, Yunusova Y, Mcilduff CE, Young E, Costello JM, Macklin EA, Locatelli ER, Silani V, Heitzman D, Wymer J, Goutman SA, Gelinas DF, Smith R, Perry B, Nalipinski P, Stipancic K, O'Brien M, Sullivan SL, Green J. (2018). Best practices protocol for the evaluation of bulbar dysfunction: summary recommendations from the NEALS bulbar subcommittee symposium. <i>Amyotroph Lateral Scler Frontotemporal</i>
Perry BJ, Martino R, Yunusova Y, Plowman EK, Green JR. (2018). Lingual and Jaw Kinematic Abnormalities Precede Speech and Swallowing Impairments in ALS. <i>Dysphagia</i> .

FY18 Publications: Department of Speech, Language and Hearing Sciences (Page 2)

Plowman EK, Tabor-Gray LC, Rosado KM, Vasolopolis T, Gaziano J, Robison R, Vu T, Gooch C. (2018). Impact of Expiratory Strength Training in Amyotrophic Lateral Sclerosis: Results of a Randomized Sham Controlled Trial. Muscle and Nerve.

Plowman EK, Humbert IA. (2018) Elucidating inconsistencies in dysphagia management: Redefining Normal. Int J Speech Lang Pathol. 1-8.

Serel S, Azola A, Sunday K, Vose A, Plowman E, Tabor T, Singer M, Robison R, Humbert I. (2018) Effects of submental surface electrical stimulation on swallowing kinematics in healthy adults: An error-based learning paradigm. American Journal of Speech-Language Pathology.

Stevenson RA, Sheffield SW, Butera IM, Gifford RH, Wallace MT. (2017). Multisensory integration in cochlear implant recipients. Ear and hearing. 38(5), 521-538.

Tabor LC, Plowman EK, Romero-Clark C, Youssof S. (2017). Oropharyngeal dysphagia in oculopharyngeal muscular dystrophy. Neurogastroenterology and Motility.

Wiseheart R, Altmann LJP. (2017). Spoken sentence production in college students with dyslexia: Working memory and vocabulary effects. International Journal of Language and Communication Disorders. 53 (2), 355-369.