UF | UNIVERSITY of FLORIDA

College of Public Health and Health Professions

Office of Research Annual Report FY 2021

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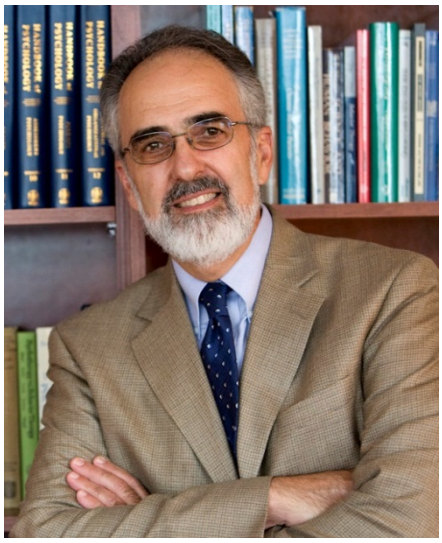
Introduction



The College of Public Health and Health Professions has concluded another very successful 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.

Even during the COVID-19 Pandemic, we did well and report that:

- Number of proposals this year only decreased 2% from last FY.
- Number of awards received increased from 292 in FY 20 to 327 in FY 21; a 12% increase.
- Our funding (with the 50/50 split from Biostatistics & Epidemiology) only decreased 2.6%; for a total of $34.92M. Without the split, the College reports $43.98M in awards this FY.
- For the second year in a row, Clinical & Health Psychology led the College in awards received; Biostatistics & OT increased their funding for the past 3 years.
- Expenditures increased 9.3% from last FY.
- Publications of our faculty rose 42.6% from last fiscal year, for a total of 730 publications for FY21; 5.3% were published in journals with an Impact Factor over 10.
- The College has 9 Centers/Institutes & 9 training programs funded.

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, as noted by a large number of publications in high impact journals, as shown.

We are proud of these accomplishments during this challenging year and look forward to another very 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 2021

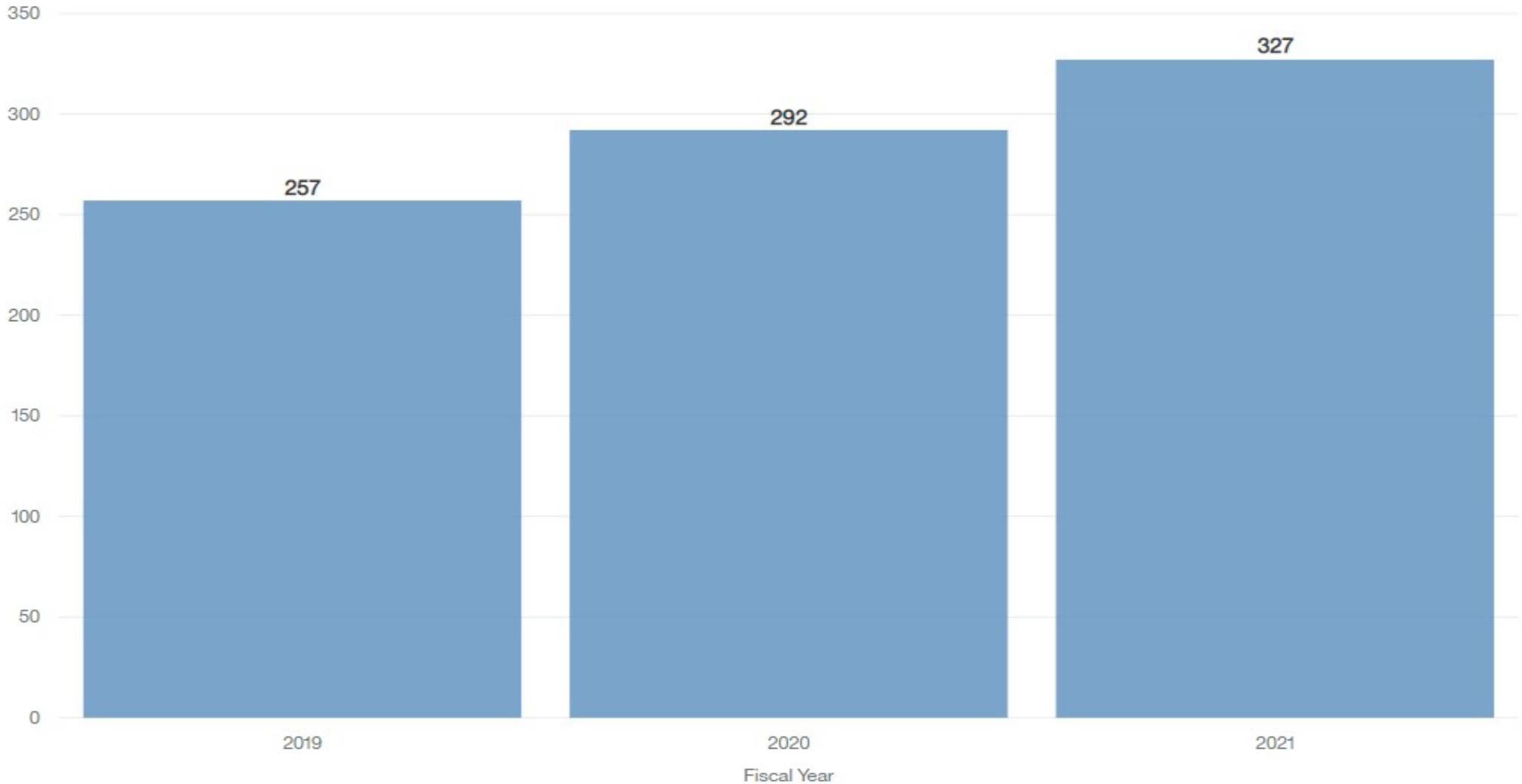
Funding and Proposals

PHHP Summary of Sponsored Research Activity FY 2021

Proposals Submitted*	290
Awards Received*	327
Grant & Contract Dollars Awarded (Full Amount without Subprojects)	$43,980,077
Grant & Contract Dollars Awarded (50/50 Bio/Epi Split)	$34,924,314
Faculty Receiving Awards*	79
Sponsors	124

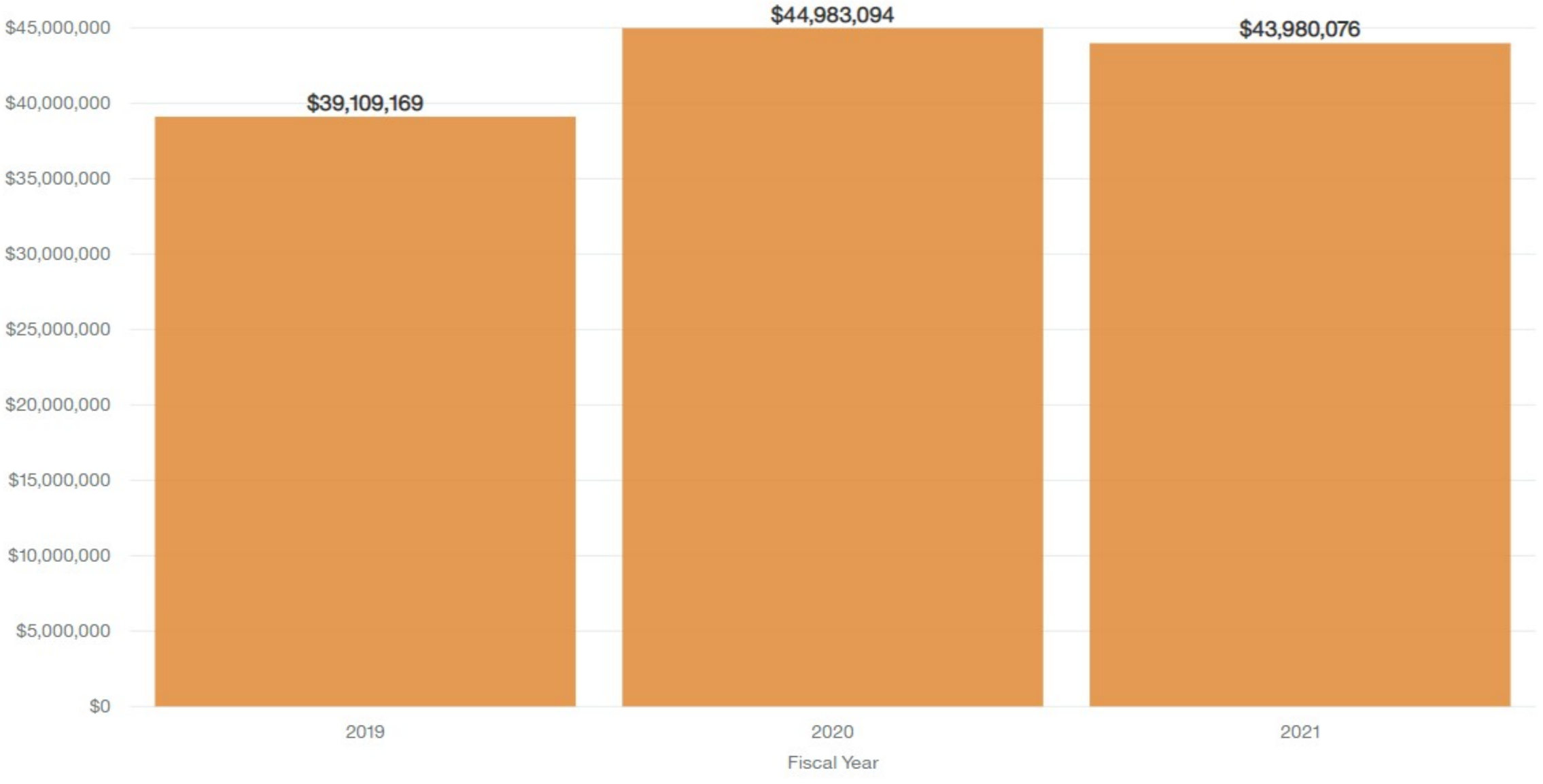
* As submitting and subcontract PI

Award Counts from Fiscal Years 2019-2021



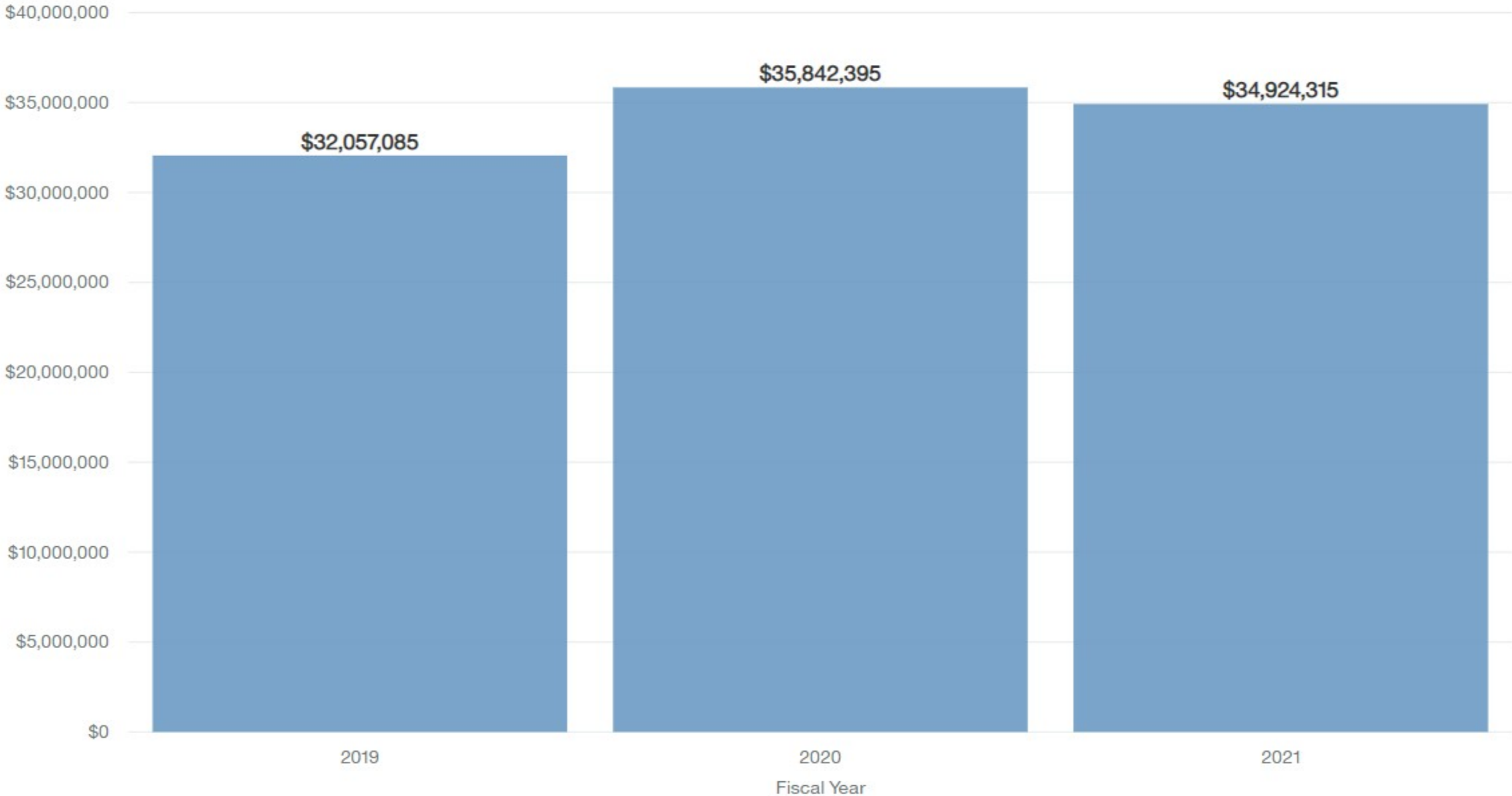
Total Funding Received from Fiscal Years 2019-2021

Sponsor Authorized Amount without 50-50 Bio/Epi Split with COM



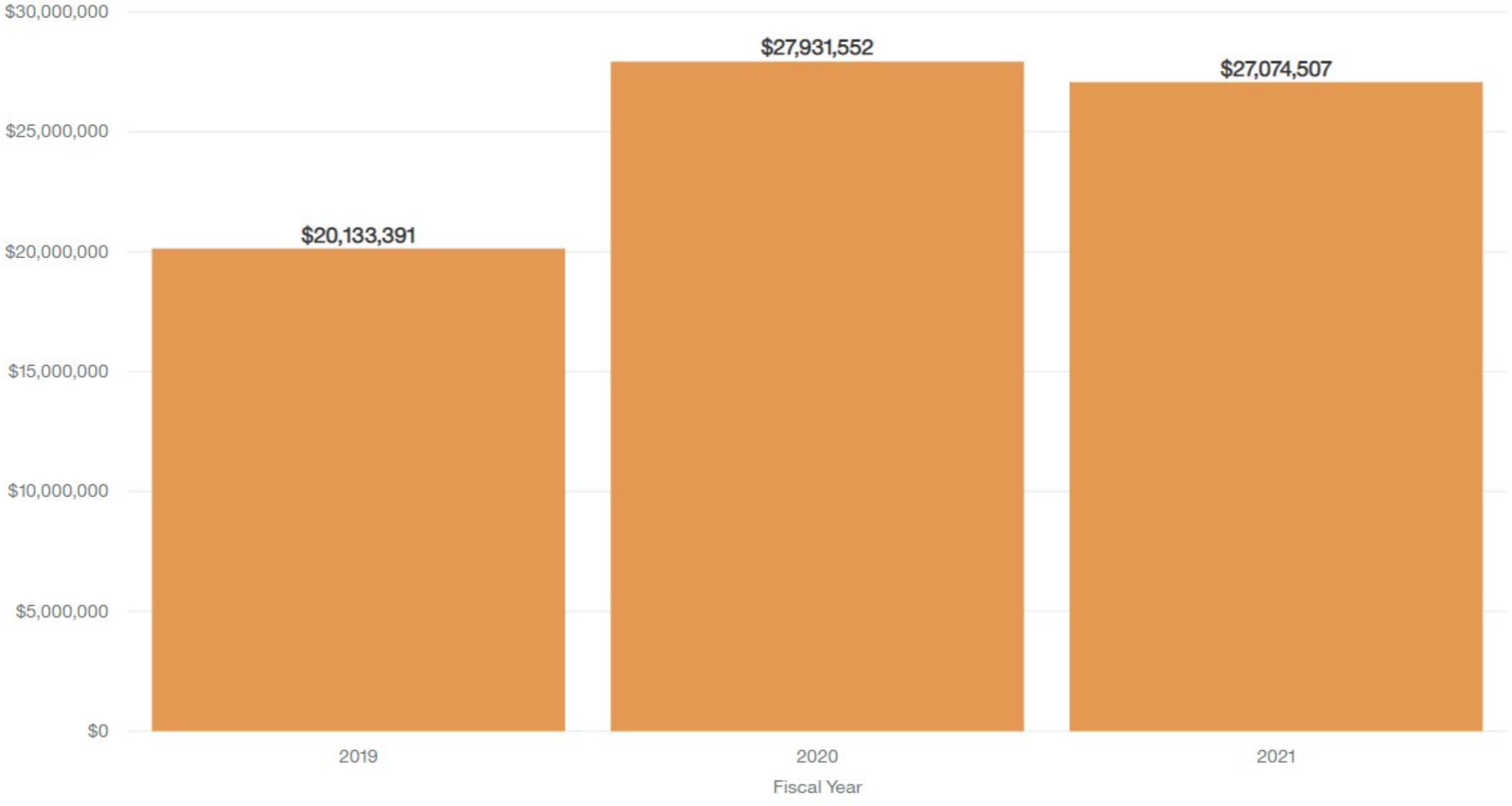
Total Funding Received from Fiscal Years 2019-2021

Sponsor Authorized Amount with 50-50 Bio/Epi Split with COM



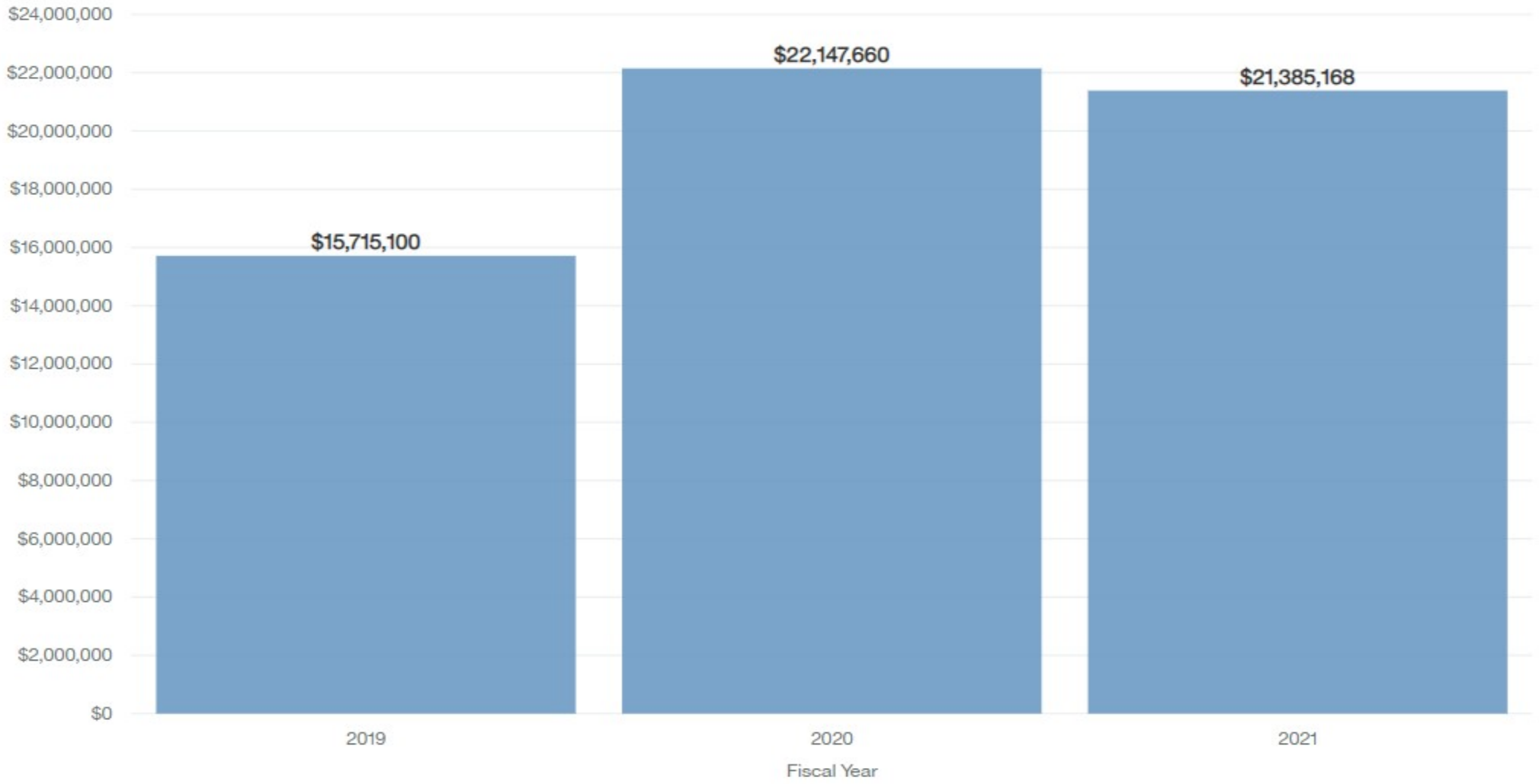
NIH Funding Received from Fiscal Years 2019-2021

Sponsor Authorized Amount without 50-50 Bio/Epi Split with COM



NIH Funding Received from Fiscal Years 2019-2021

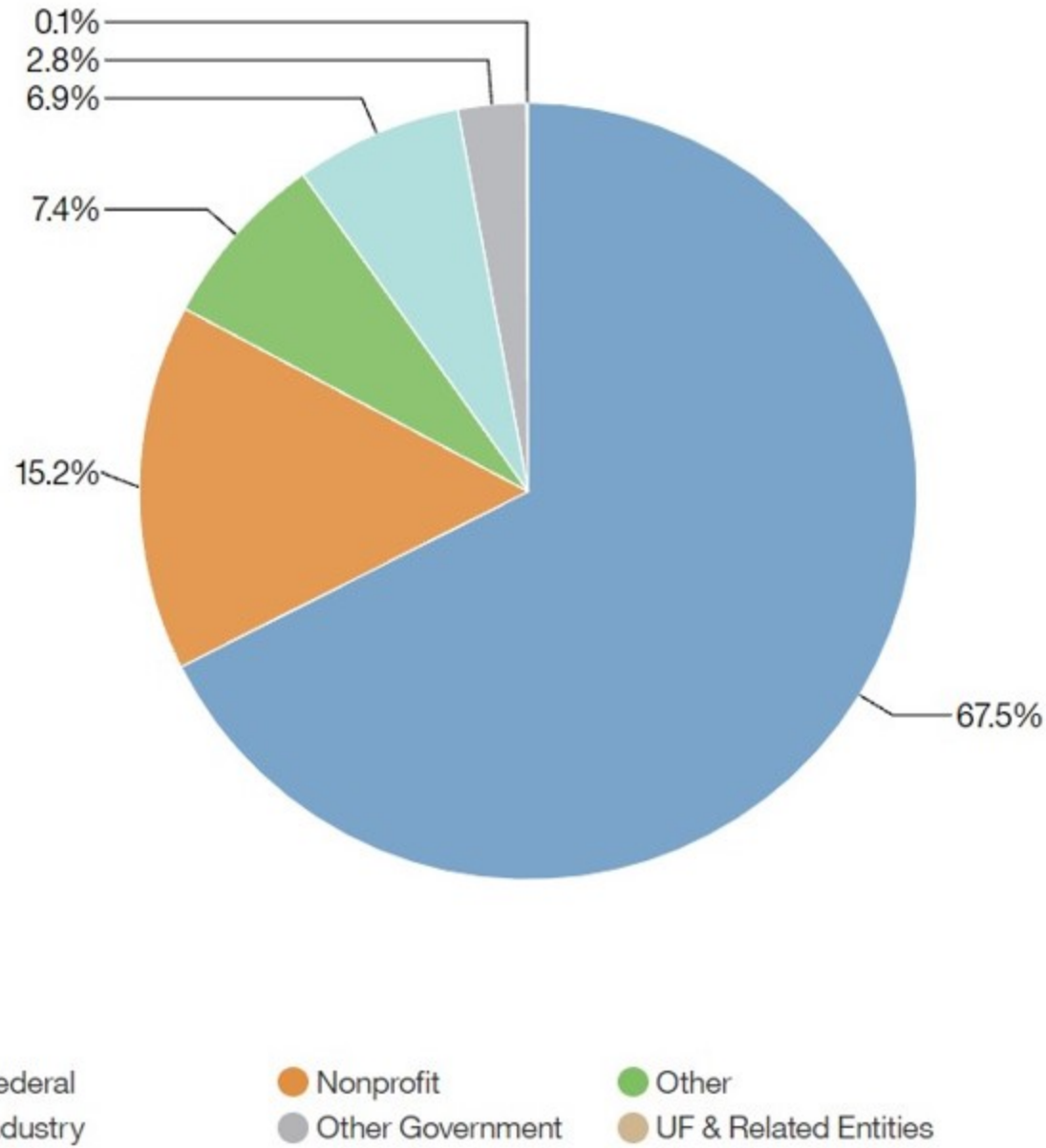
Sponsor Authorized Amount with 50-50 Bio/Epi Split with COM



Funding by Sponsor for Fiscal Year 2021

Sponsor Authorized Amount without 50-50 Bio/Epi Split with COM

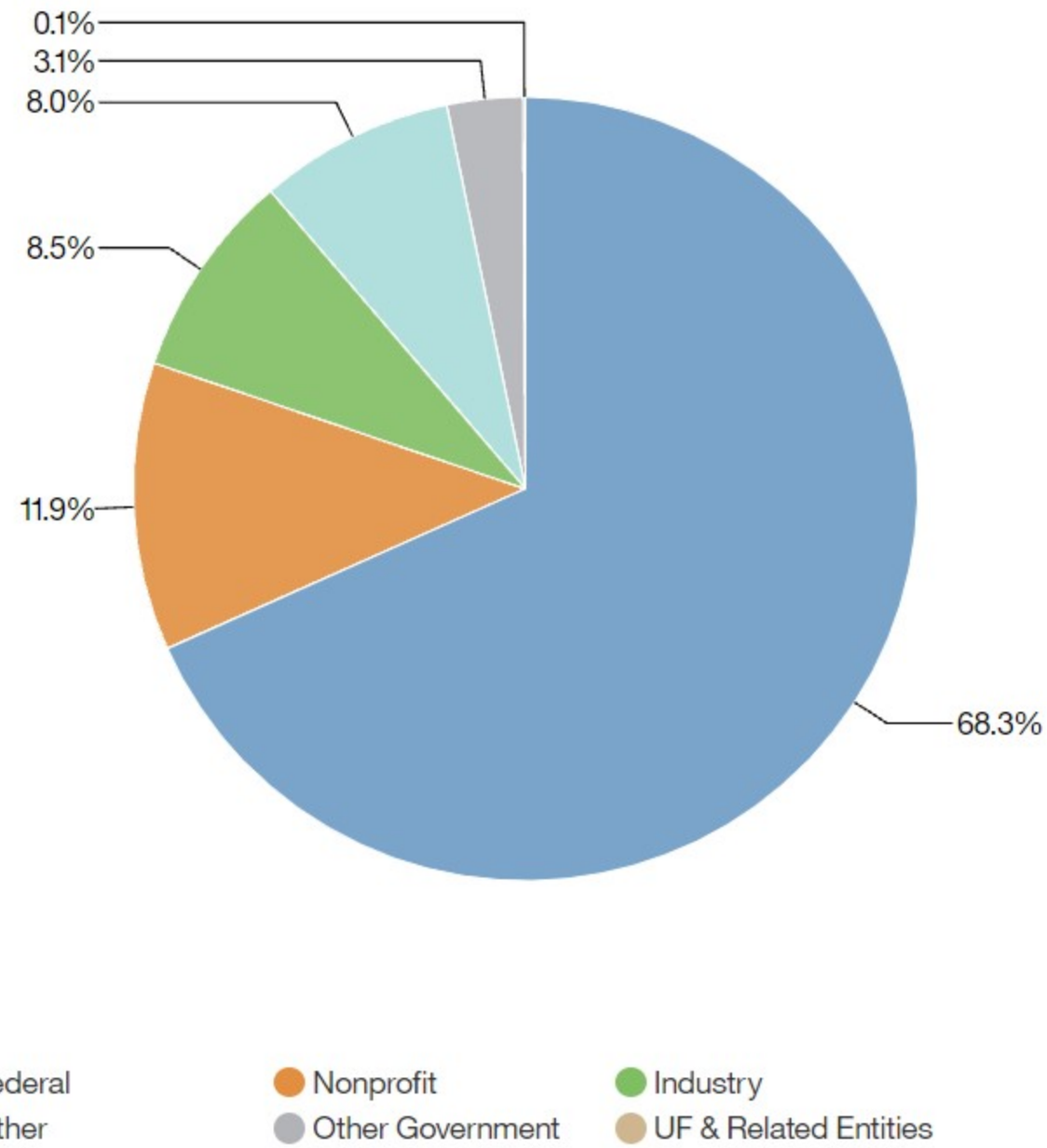
	Sponsor Authorized Amount
Federal	$29,708,030
Nonprofit	$6,704,080
Other	$3,246,944
Industry	$3,042,983
Other Government	$1,242,643
UF & Related Entities	$35,395
Total	**$43,980,076**



Funding by Sponsor for Fiscal Year 2021

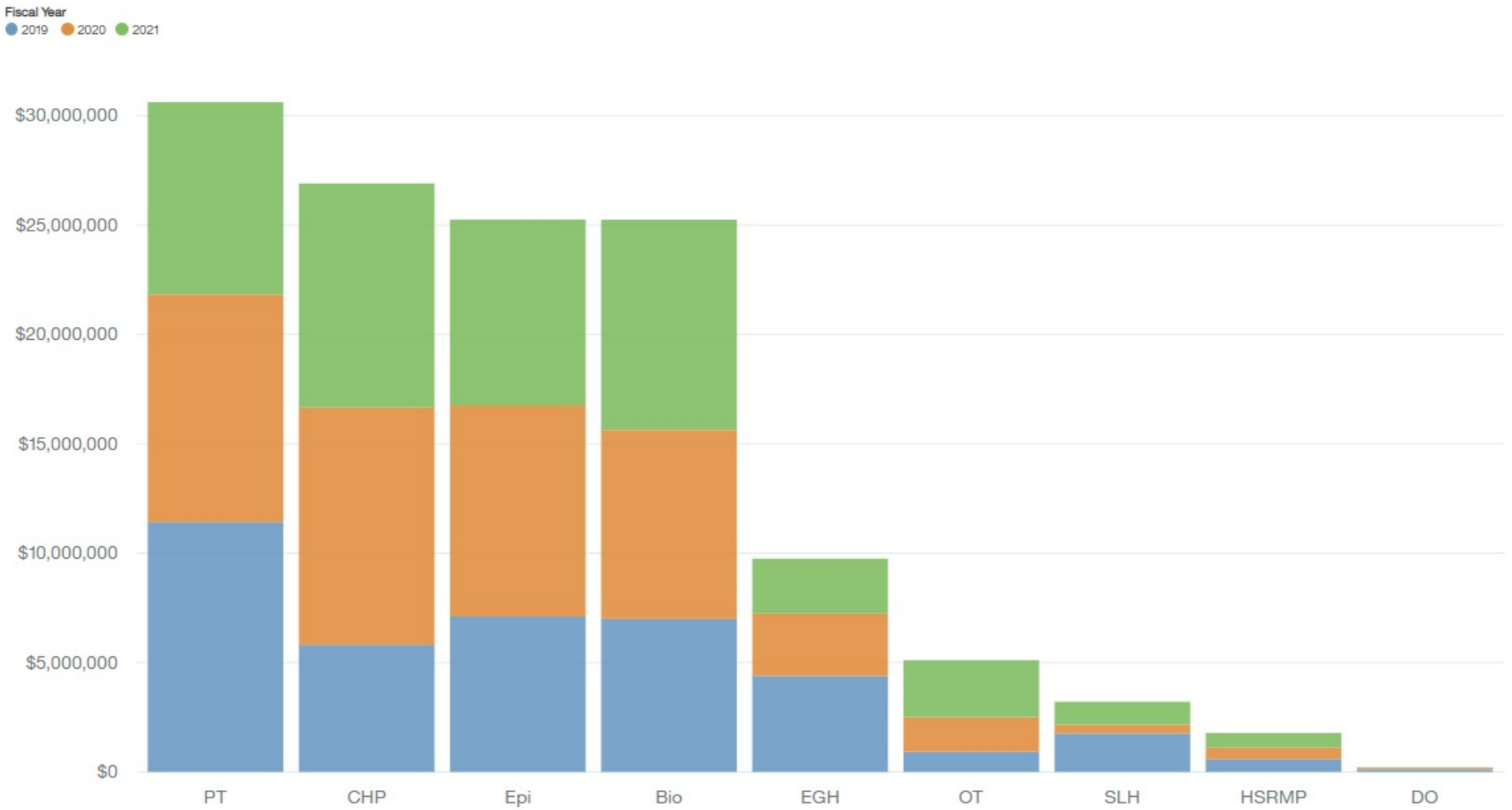
Sponsor Authorized Amount with 50-50 Bio/Epi Split with COM

	Sponsor Authorized Amount
Federal	$23,861,792
Nonprofit	$4,149,390
Industry	$2,977,042
Other	$2,810,075
Other Government	$1,093,120
UF & Related Entities	$32,895
Total	**$34,924,315**



Funding Received from Fiscal Years 2019-2021 by Department

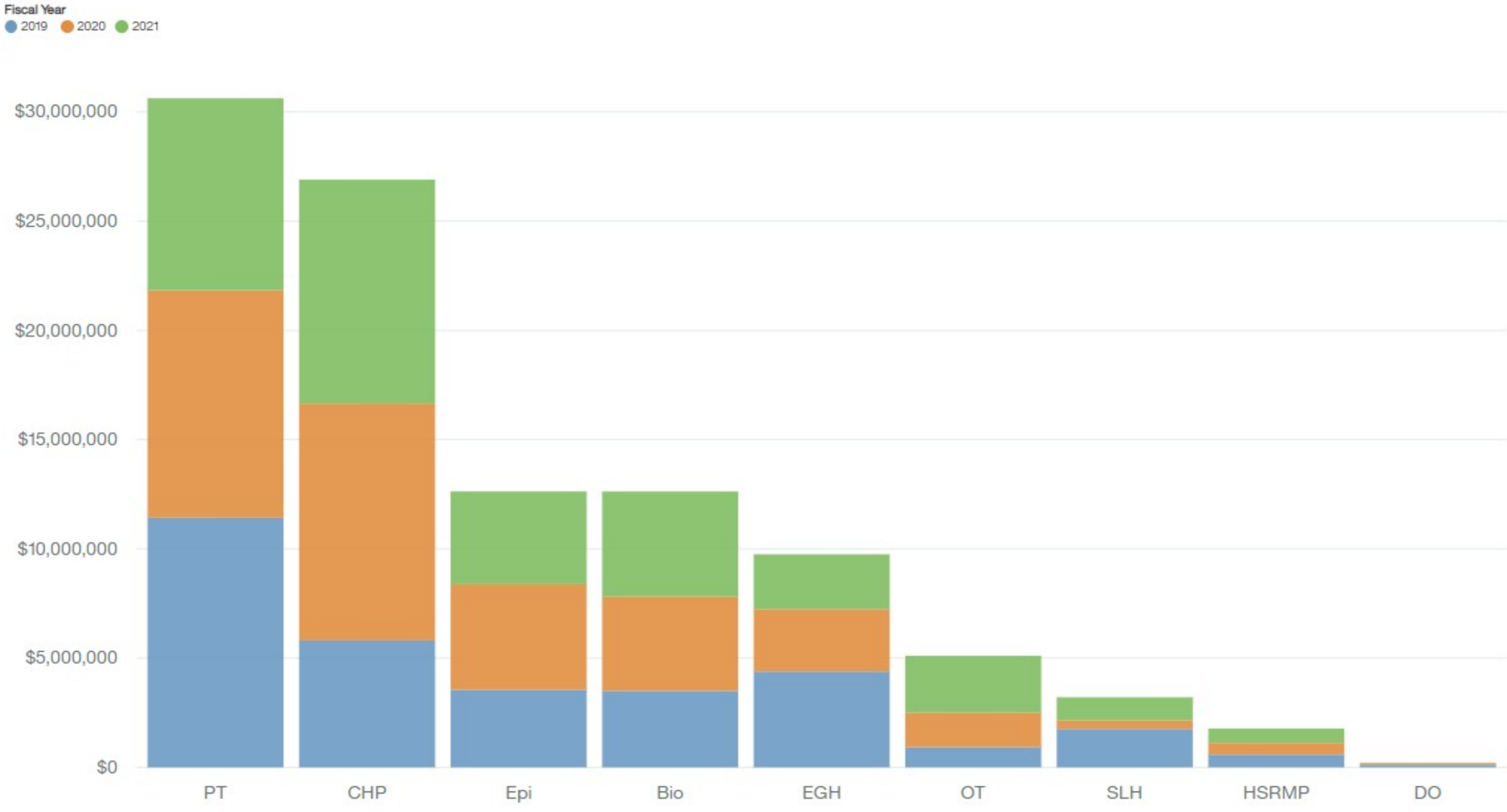
Sponsor Authorized Amount without 50-50 Bio/Epi Split with COM



										Total
2021	$8,788,842	$10,239,934	$8,493,363	$9,618,160	$2,511,091	$2,601,996	$1,048,870	$659,069	$18,751	**$43,980,076**
2020	$10,407,555	$10,852,009	$9,651,361	$8,630,037	$2,852,011	$1,583,818	$400,949	$529,698	$75,657	**$44,983,094**
2019	$11,421,410	$5,807,350	$7,105,746	$6,998,420	$4,387,673	$921,212	$1,758,072	$588,461	$120,824	**$39,109,169**
Total	**$30,617,807**	**$26,899,293**	**$25,250,471**	**$25,246,618**	**$9,750,775**	**$5,107,026**	**$3,207,891**	**$1,777,228**	**$215,232**	**$128,072,339**

Funding Received from Fiscal Years 2019-2021 by Department

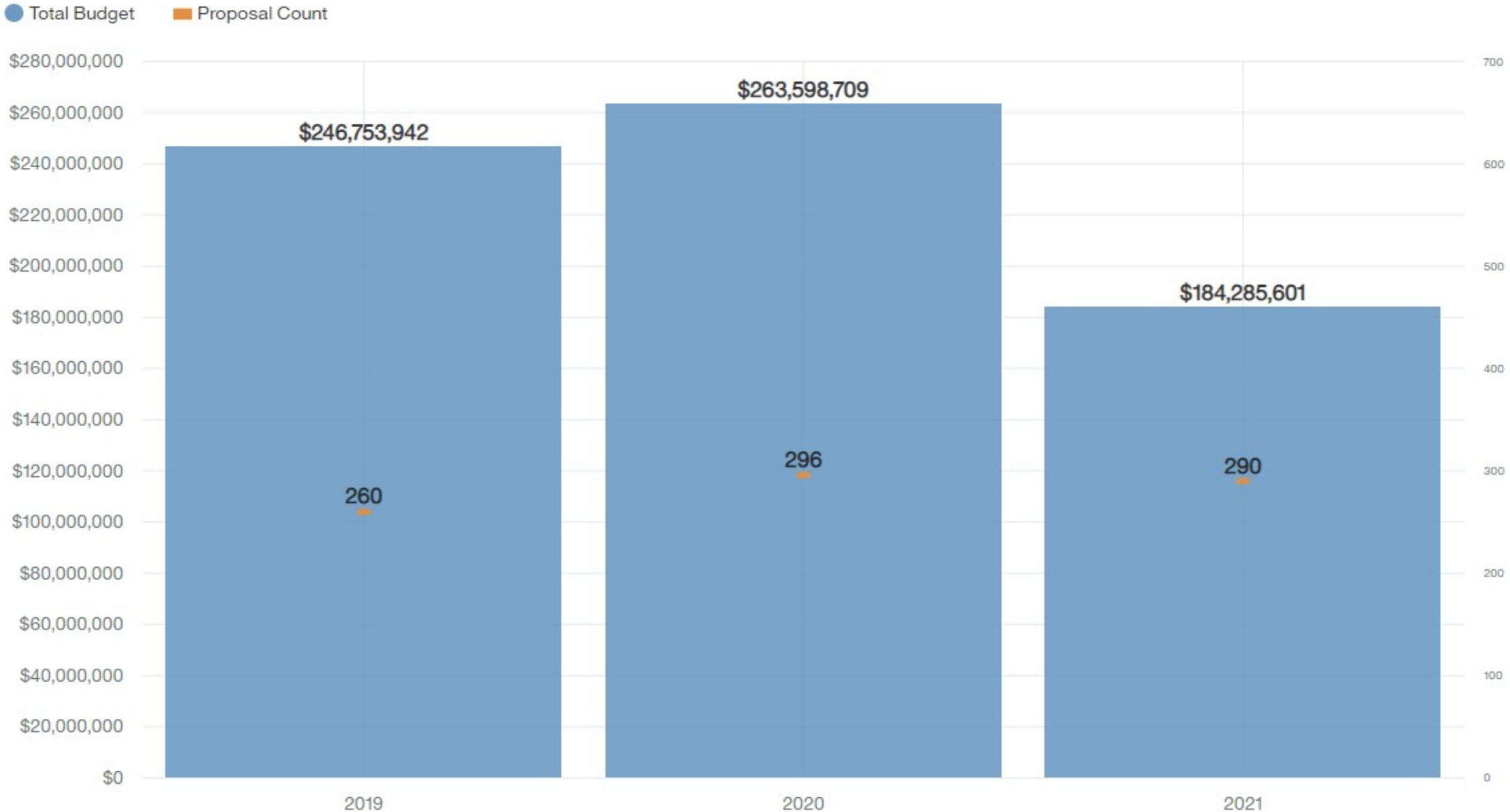
Sponsor Authorized Amount with 50-50 Bio/Epi Split with COM



										Total
2021	$8,788,842	$10,239,934	$4,246,682	$4,809,080	$2,511,091	$2,601,996	$1,048,870	$659,069	$18,751	$34,924,315
2020	$10,407,555	$10,852,009	$4,825,680	$4,315,019	$2,852,011	$1,583,818	$400,949	$529,698	$75,657	$35,842,395
2019	$11,421,410	$5,807,350	$3,552,873	$3,499,210	$4,387,673	$921,212	$1,758,072	$588,461	$120,824	$32,057,085
Total	**$30,617,807**	**$26,899,293**	**$12,625,235**	**$12,623,309**	**$9,750,775**	**$5,107,026**	**$3,207,891**	**$1,777,228**	**$215,232**	**$102,823,795**

PHHP Grant Proposals from Fiscal Years 2019-2021

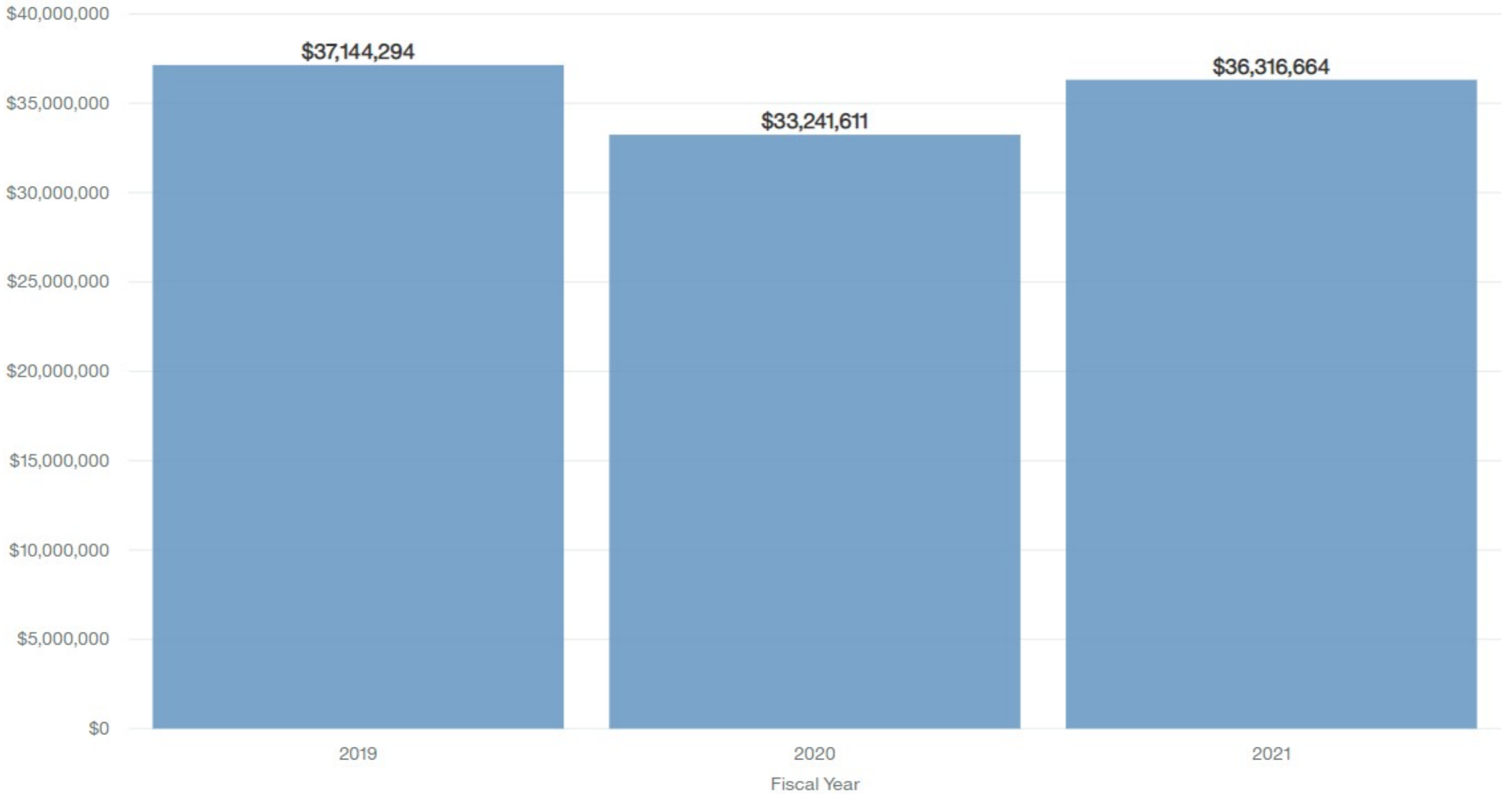
Amount Requested All Years



PHHP Fiscal Year 2021

Expenditures

Grant Expenditures from Fiscal Years 2019-2021



PHHP Fiscal Year 2021

Centers and Institutes

Center for the Study of Emotion and Attention EST: 1986

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. The clinical focus of CSEA research is the study of emotional processing in anxiety and mood disorder patients. 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) and Psychology (CLAS). In addition to its resident faculty, the Center benefits from frequent visits of its affiliated investigators from the broader, US and international research communities. More broadly, the CSEA develops, catalogs, evaluates, and distributes various types of media (stimuli) that can be used as prompts to affective experience to research laboratories all over the world. In the past year alone, the CSEA has processed over 650 requests for the IAPS (pictures), IADS (sounds), ANEW (words), and ANET (texts) from academic researchers in 54 countries, serving an important international science function.

Center for Pain Research and Behavioral Health EST: 1992

Director: Michael E. Robinson, PhD
Co-Director: Jeff Boissoneault, 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 and substance use in humans and to educate future scientists and health professionals consistent with the most current knowledge in these areas. The Center involves a collaboration of scientists from several disciplines (Clinical Psychology, Dentistry, Medicine, Neuroscience, Physical Therapy, Nursing, Computer Science and Engineering, Magnetic Resonance Physics) at UF and outside institutions who have pooled their resources and expertise to more fully understand the etiology, diagnosis, and rehabilitation of pain conditions, as well as the acute and chronic neurobehavioral effects of alcohol, cannabis, and other psychoactive substances. Projects range from basic science investigations of pain processing in the human brain to prediction of treatment outcome in clinical trials for chronic pain and studies probing the bidirectional association of substance use and pain. Trainees working in the lab also conduct research in several clinical settings including the Anesthesia Pain Service, Psychiatry Pain Center, and Rheumatology, and have access to research and travel support through Center funds.

Center for Pediatric Psychology and Family Studies EST: 2005

Director: David M. Janicke, PhD, ABPP
Department: Clinical and Health Psychology

The mission of the Center for Pediatric Psychology and Family Studies is to foster the development and dissemination of new knowledge about the relationships among health, illness, behavior, and adjustment in children, youth, and families and to evaluate the application of this knowledge. The Center involves a collaboration of scientists from several areas of expertise (clinical child and pediatric psychologists, pediatricians, dieticians, and biostatisticians) and their students. Center affiliated Investigators including faculty from the UF Department of Clinical and Health Psychology, the Department of Health Outcomes & Policy, the UF Department of Pediatrics and IFAS. The Center provides support for development of new research initiatives or for expansion of current projects through such mechanisms as yearly mini-grants to trainees, travel funds to support trainee travel to present research at national and international conferences, provision of stipend and tuition for graduate research assistants, and funding for faculty laboratory equipment or supplies. The Center is a critical source of training support for graduate students, interns, and post-doctoral fellows. Faculty and students across areas work collaboratively on a variety of research activities related to disease self-management, quality of life, 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 diabetes,

cystic fibrosis, asthma, autism, obesity, traumatic brain injury, adolescent health risk behaviors, and other behavioral health related problems. To further these efforts, the Center sponsors a weekly Pediatric Psychology seminar series for graduate students, interns, post-doctoral fellows and faculty.

Hearing Research Center EST: 2009

Director: Susan Nittrouer, PhD
Department: Speech, Language and Hearing Sciences

The Hearing Research Center brings together scientists and clinicians to explore the fundamental mechanisms of the auditory system and related disorders, with the long-term objective of ameliorating the negative consequences of these disorders. To achieve this goal the Center has assembled leaders from across the University of Florida campus and its affiliates in the research and clinical treatments of the auditory system and all related disorders. These individuals are collectively dedicated to discovering how the system operates and turning those discoveries into advances in diagnosis, evaluation, treatment, and prevention of dysfunctions in the auditory system. The Hearing Research Center is committed to training future scientists and clinicians in essential knowledge and state-of-the-art research and clinical methods, dissemination of acquired knowledge on the national and international stage, and advocacy for current and future patients.

Institute for Mobility, Activity, and Participation (I-MAP) EST: 2009

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) is strategically aligned to promote research and scholarship across the domains of mobility, activity and participation. Our mission is to utilize approaches from occupational therapy, rehabilitation science, and public health to assess and enhance the mobility, activity, and participation of people, communities, and populations for their meaningful, productive, and autonomous engagement in everyday life. To fulfill this mission, we employ collaboration, creativity, cultural responsibility, scientific rigor, and optimism. The Institute is comprised of three research labs. The I-MAP lab focuses on driving and community mobility is led by Dr. Justin Mason. The Youth and Young Adult Empowerment, Leadership, and Learning (YELL) lab focuses on tools and interventions to empower youth and young adults with developmental disabilities and is led by Dr. Jessica Kramer. The Healthy Aging and Functional Ability (HAFA) lab focuses on promoting health and preventing care dependency for older adults and is led by Dr. CJ Liu. Collectively these labs foster the I-MAP mission and our vision gaining national recognition for innovative scientific solutions to: optimize driving and community mobility, engage people in meaningful activities, and ensure equitable participation for diverse populations. The key goals of our Institute are to 1) Address the occupational needs of our constituents by conducting and disseminating rigorous research; 2) Train and mentor the next generation of occupational therapy, rehabilitation, and/or public health professionals to be independent, multi-disciplinary, and innovative scientists; 3) Develop best evidence to shape clinical practice and promote public health; and 4) Ensure the viability of I-MAP through continued federal, state, foundation funding and/or contracts.

Within I-MAP, researchers strive for equity and justice and commit to collaborate with other scientists and the community. Our work is forward thinking - driven by curiosity, optimism and the belief that every person or community can grow. Along with acknowledging the potential in all people or communities, we strive to hold their feelings, wishes, rights and traditions in high regard. These values shall be visible in work that is transparent, honest, relevant and rigorous.

Center for Cognitive Aging and Memory (CAM) EST: 2012

Co-Directors: Ronald A. Cohen, PhD, ABPP, ABCN,
Jennifer L. Bizon, PhD
Departments: Clinical and Health Psychology & Neuroscience (COM)

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 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. Innovation in artificial intelligence technology for novel intervention strategies to improve cognition in older adults and prevent dementia. 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.

Breathing Research and Therapeutics Center EST: 2015

Director: Gordon S. Mitchell, PhD
Assistant Director: Kate Casey-Sawicki
Department: Physical Therapy

The UF Breathing Research and Therapeutics (BREATHE) Center is the only center of its kind. BREATHE brings together basic researchers, engineers, and clinical researchers and practitioners in an effort to better understand respiratory motor control and translation of new knowledge into rehabilitation strategies to treat devastating clinical disorders that compromise breathing, including spinal cord injury and a range of neuromuscular diseases (e.g. Pompe disease, ALS, muscular dystrophy, Parkinson's disease, and others). BREATHE has over 70 core and affiliate members drawn from 5 colleges and 14 departments, with expertise ranging from respiratory neurobiology and muscle function to neurorehabilitation, neurotechnology, neurology, pulmonary critical care, and sleep. Members write grants; perform research; publish results in top-flight peer-reviewed journals; organize local, national, and international seminars and workshops (e.g., Social & Science, Intermittent Hypoxia Retreat, Conversations in Breathing and Swallowing, and Neurotherapeutic Intermittent Hypoxia workshops); and provide campus expertise, including in rodent physiological (breathing, gas analysis, swallowing assessments, etc.) and electrophysiology measurements (nerve recordings and respiratory muscle EMG telemetry) as well as intermittent hypoxia exposures in humans and animal models. The BREATHE Center is committed to educating the next generation of breathing researchers and developing an international reputation for research excellence and novel discoveries that advance clinical practice. We successfully competed for an NIH T32 Training Program (pre- and post-doctoral) and currently have over 40 active trainees working in the laboratories of core faculty. In FY 20-21, core members published well over 300 peer-reviewed manuscripts, and each PI averaged ~$1.13M in annual extramural research support (direct costs). In collaboration with the UF Brain Injury, Rehabilitation, and Neuroresilience Center, BREATHE manages and distributes state funding provided by the Brain & Spinal Cord Injury Research Trust Funds (BSCIRTF), which were recently used to provide start-up funds and support early-stage investigators affected by the COVID shutdown. We

more broadly support researchers in the realm of acquired brain and spinal cord injuries, including at an upcoming workshop planned for September 17, 2021. As part of its mission to more broadly foster cross-disciplinary connections and bring attention to the University of Florida, BREATHE created the International Online Seminar Series on the Control of Breathing and Airway Defense (CoBAD); this weekly educational series features preeminent and emerging investigators from around the world. CoBAD boasts over 3,500 live views and nearly 5,000 video views since its inception in June 2020.

1 *Formerly the Center for Respiratory Research and Rehabilitation; changed to Breathing Research and Therapeutics Center in 2020.*

Center for Statistics and Quantitative Infectious Diseases EST: 2015

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

The Center for Statistics and Quantitative Infectious Diseases is based at the University of Florida, and is a joint program with the Vaccine and Infectious Disease Division in the Fred Hutchinson Cancer Research Center in Seattle and Northeastern University in Boston. 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 such as dengue and cholera, as well as emerging infectious diseases, such as COVID-19 and pandemic influenza. The quantitative methods include statistical, epidemiologic, mathematical modeling, computational biology, and bioinformatic methods. We also work on the design, implementation and analysis of vaccine trials and studies for important infectious disease threats.

SHARC Center for Translational HIV Research EST: 2018

Director: Robert L. 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). Funded by multiple NIH grants (especially from the NIAAA), 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 more than 25 core UF faculty, various students, 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. The SHARC Center has policies and procedures in place to provide access to research data to internal and external partners. Such as 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. In addition SHARC provides regulatory and administrative support related to the multiple IRBs involved in their clinical research studies.

SHARC strives to increase research knowledge, skills, experience, and opportunities by facilitating several training and development programs accessible to UF affiliates. SHARC received an NIH T32 grant to provide undergraduate, professional, graduate, and post-graduate trainees with interdisciplinary training in alcohol and HIV. The Professional Development Program (PDP) facilitated by SHARC allows UF students, faculty and staff to get involved with their mission by offering seminars, team meetings, mentoring and collaboration. In addition, the PDP provides funding for travel to conferences, manuscript publication, and pilot research studies. SHARC also has an ongoing Research Seminar Series and several working groups that bring together trainees and faculty into multidisciplinary teams.

PHHP Fiscal Year 2021

Training Grants

Training Grants FY 2021					
PIs	**Title**	**Agency**	**Mechanism**	**Pre-Docs/Post-Docs**	**Funding Period**
Department of Clinical & Health Psychology					
Bowers, Dawn Vaillancourt, David	Interdisciplinary Training in Movement Disorders and Neurorestoration	NINDS	T32	6/0	5-15-2015 to 6-30-25
Marsiske, Michael Smith, Glenn Woods, Adam	Research Training in Non-Pharmacological Interventions for Cognition in Aging, MCI and Alzheimer's Disease	NIA	T32	6/0	5-01-2003 to 4-30-25
Department of Epidemiology					
Cottler, Linda	UF Substance Abuse Training Center in Public Health	NIDA	T32	5/3	7-1-14 to 6-30-24
Cook, Robert Leeman, Robert McDaniel, Anna	Translational Science Training to Reduce the Impact of Alcohol on HIV Infection	NIAAA	T32	4/2	8-1-18 to 7-31-23
Johnson, Julie Kimmel, Stephen	Training Program for Applied Research and Development in Genomic Medicine	NHGRI	T32	0/4	1-1-18 to 12-31-22
Department of Occupational Therapy					
Myers, Christine	INSPIRE: Interdisciplinary Related Services Personnel Preparation for Early Childhood	DOE	Training	9/0	10-15-18 to 9-30-23
Department of Physical Therapy					
Fuller, David Vandenborne, Krista	Interdisciplinary Training in Rehabilitation and Neuromuscular Plasticity	NICHD	T32	6/0	6-11-2003 to 4-30-24
Mitchell, Gordon	Breathing Research and Therapeutics (BREATHE)	NHLBI	T32	3/3	4-15-17 to 3-31-22
Vandenborne, Krista	Rehabilitation Research Career Development Program	NICHD	K12	2 Junior Faculty slots	9-25-07 to 8-31-22

PHHP Fiscal Year 2021

Publications

FY21 Publications by Faculty with Impact Factors over 10.00 [n=38]		
Journal Impact Factor	**Journal Name**	**Number of Papers Published**
74.7	New England Journal of Medicine	2
60.39	Lancet	1
56.3	JAMA	3
44.54	Journal of Clinical Oncology	1
41.85	Science	1
38.64	Cell	1
33.75	Lancet Oncology	1
25.39	Annals of Internal Medicine	1
25.1	Lancet Infectious Diseases	3
21.6	Lancet Global Health	1
21.57	Alzheimer's & Dementia	2
20.59	Journal of the American College of Cardiology	1
20.07	Nature Neuroscience	1
19.2	Diabetes Care	3
17.75	Blood	1
17.43	Hepatology	1
16.65	Nature Machine Intelligence	1
14.92	Nature Communications	3
13.61	Morbidity and Mortality Weekly Report	1
12.5	Journal of Cachexia Sarcopenia Muscle	1
12.46	Journal of Thoracic Oncology	1
12.38	Molecular Psychiatry	1
12.28	Nature Human Behavior	1
12.1	Biological Psychiatry	1
11.64	Journal of the National Cancer Center Institute	1
10.73	Journal of Hematology & Oncology	1
10.5	The American Journal of Human Genetics	1
10.11	Clinical Cancer Research	1

FY21 Publications by Faculty with Impact Factors between 5.00 & 9.99 [n=114]		
Journal Impact Factor	**Journal Name**	**Number of Papers Published**
9.66	Chest	1
9.42	Cell Reports	1
9.23	ACS Applied Materials & Interfaces	1
9.21	Obesity Reviews	1
9.04	Journal of Hazardous Materials	1
9.03	Environmental Health Perspectives	2
8.95	Brain Stimulation	2
8.7	Movement Disorders	1
8.67	Leukemia	1
8.48	JAMA Network Open	6
8.4	Neurology	2
8.31	Clinical Infectious Diseases	1
8.31	JCI Insight	1
8.14	Elife	1
8.07	Environmental Pollution	1
7.96	Science of the Total Environment	2
7.96	The Journal of Heart and Lung Transportation	1
7.8	Environment Science & Technology	1
7.77	Geroscience	1
7.72	Diabetes	5
7.71	Hypertension	1
7.57	Environment International	3
7.44	Neuropsychology Review	1
7.23	Clinical Pharmacologic & Therapeutics	1
7.2	Brain, Behavior & Immunity-Health	1
7.1	Pediatrics	1
6.92	Brain Stimulation	1
6.92	Current Obesity Reports	1
6.79	Analytical Chemistry	1
6.6	Cells	1
6.6	Global Food Security	1
6.46	American Journal of Public Health	1
6.45	Eurosurveillance	1
6.45	Molecular Metabolism	1
6.41	Body Image	1
6.4	Nutrients	1
6.4	Epidemiology & Psychiatric Science	1
6.39	American Journal of Surgical Pathology	1
6.34	Addiction	1
6.31	Multiple Sclerosis Journal	1
6.14	Journal of Interpersonal Violence	1
6.13	Cancers	2
6.12	Diabetes Technologies and Therapeutics	1
6.05	The Journals of Gerontology: Series A	1
5.98	Modern Pathology	1
5.97	Analytica Chimica Acta	1
5.9	NeuroImage	2

FY21 Publications by Faculty with Impact Factors between 5.00 & 9.99 Page 2		
Journal Impact Factor	**Journal Name**	**Number of Papers Published**
5.9	International Journal of Radiation Oncology, Biology, Physics	2
5.84	International Journal of Hygiene and Environmental Health	1
5.72	Environmental Research	8
5.6	Journal of Clinical Endocrinology & Metabolism	2
5.57	Journal of Parkinson's Disease	2
5.5	Pain	1
5.43	JMIR Formative Research	1
5.43	Journal of Medical Internet Research	3
5.4	Pediatrics	2
5.36	Gastrointestinal Endoscopy	1
5.3	Experimental Neurology	2
5.27	Journal of Neurotrauma	1
5.27	Frontiers in Aging Neuroscience	1
5.27	Gerontologist	1
5.26	Journal of Thoracic & Cardiovascular Surgery	1
5.21	Transactions on Network Science & Engineering	1
5.19	Journal of Neuroinflammation	1
5.18	Journal of Physiology	1
5.16	The Annals of Family Medicine	1
5.13	Journal of General Internal Medicine	2
5.08	AIDS Patient Care & STDs	1
5.07	Hepatology Communications	1
5.04	Cerebral Cortex	2
5.03	The Oncologist	2
5.02	Journal of Infectious Diseases	2
5.0	Obesity	7

FY 2021 Publications by Faculty	
Total Number of Publications	730
Total Number of De-Duplicated Publications	708

FY21 Publications: Department of Biostatistics (Page 1) [n=145]	Impact Factor
Adambekov S, Lopa S, Edwards RP, Lemon L, Wang S, Taylor SE, Orr B, Linkov F. (2020). Survival and Recurrence after Intraperitoneal Chemotherapy Use: Retrospective Review of Ovarian Cancer Hospital Registry Data. Cancer Medicine. 9(20). 7388-7397.	3.49
Aleta A, Martin-Corral D, Pastore y Piontti A, Ajelli M, Litvinova M, Chinazzi M, Dean NE, Halloran ME, Longini IM, Merler S, Pentland A, Vespignani A, Moro E, Moreno Y. (2020). Modeling the Impact of Social Distancing, Testing, Contact Tracing and Household Quarantine on Second-Wave Scenarios of the COVID-19 Epidemic. Nature Human Behavior. 4(1). 964–971.	12.28
Algarin AB, Li Y, Cohen RA, Cook CL, Brumback B, Cook RL, Ibanez GE. (2021). HIV-Related Stigma and Life Goals among People Living With HIV (PLWH) in Florida." Quality of Life Research. 30(1). 781-789.	---
Alpert JM, Wang S, Bylund CL, Markham MJ, Bjarnadottir RI, Lee JH, Lafata JE, Salloum RG. (2021). Improving Secure Messaging: A Framework for Support, Partnership &Information-Giving Communicating Electronically (SPICE). Patient Education and Counseling. 104(6). 1380-1386.	2.61
Alzghoul BN, Hamburger R, Lewandowski T, Janssen B, Grey D, Xue W, Ataya A, Alnuaimat H, Gomez-Manjarres DC, Patel D, Reddy R. (2020). Pulmonary Hypertension in Patients with Interstitial Pneumonia with Autoimmune Features. Pulmonary Circulation. 10(4). 1-10.	2.28
Angiolillo A, Schore RJ, Kairalla JA, Devidas M, Rabin KR, Zweidler-McKay P, Borowitz MJ, Wood B, Carroll AJ, Heerema NA, Relling MV, Hitzler J, Lane AR, Maloney KW, Wang C, Bassal M, Carroll WL, Winick NJ, Raetz EA, Loh ML, Hunger SP. (2021). Excellent Outcomes with Reduced Frequency of Vincristine and Dexamethasone Pulses in Standard Risk B-Lymphoblastic Leukemia: Results from Children's Oncology Group (COG) AALL0932. Journal of Clinical Oncology. 39(13). 1437-1447.	44.54
Anton SD, Cruz-Almeida Y, Singh A, Alpert J, Bensadon B, Cabrera M, Clark DJ, Ebner N, Esser KA, Fillingim RB, Goicolea SM, Han SM, Kallas H, Johnson A, Leeuwenburgh C, Liu AC, Manini TM, Marsiske M, Moore F, Qiu P, Mankowski RT, Mardini M, McLaren C, Ranka S, Rashidi P, Saini S, Sibille KT, Someya S, Wohlgemuth S, Tucker C, Xiao R, Pahor M. (2020). Innovations in Geroscience to Enhance Mobility in Older Adults. Experimental Gerontology. 142. 1-30.	4.03
Anyaso-Samuel S, Sachdeva A, Guha S, Datta S. (2021). Metagenomic Geolocation Prediction Using an Adaptive Ensemble Classifier. Frontiers in Genetics. 12(1). 1-15.	3.79
Aye JM, Xue W, Palmer JD, Walterhouse DO, Arnold MA, Heaton TE, Venkatramani R. (2021). Suboptimal Outcome for Patients with Biliary Rhabdomyosarcoma Treated on Low-Risk Clinical Trials: A Report from the Children's Oncology Group. Pediatric Blood & Cancer. 68(4). e28914.	3.17
Bian T, Corral P, Wang Y, Botello J, Kingston R, Daniels T, Salloum RG, Johnston E, Huo Z, Lu J, Liu AC, Xing C. (2020). Kava as a Clinical Nutrient: Promises and Challenges. Nutrients. 12(10). 3044-3069.	4.55
Boissoneault C, Grimes T, Rose D, Waters M, Khanna A, Datta S, Daly J. (2020). Innovative Long-Dose Neurorehabilitation for Balance and Mobility in Chronic Stroke: A Preliminary Case Series. Brain Sciences. 20(1). 555-559.	3.33
Brakenridge SC, Wang Z, Cox M, Raymond S, Hawkins R, Darden D, Ghita G, Brumback B, Cuschieri J, Maier RV, Moore FA, Mohr AM, Efron PA, Moldawer LL. (2021). Distinct Immunologic Endotypes are Associated with Clinical Trajectory after Severe Blunt Trauma and Hemorrhagic Shock. Journal of Trauma and Acute Care Surgery. 90(2). 257-267.	---
Bray MJ, Tsai J, Bryant BR, Narapareddy BR, Richey LN, Krieg A, Tobolowsky W, Jahed S, Shan G, Bernick CB, Peters ME. (2021). Effect of Weight Class on Regional Brain Volume, Cognition, and Other Neuropsychiatric Outcomes among Professional Fighters. Neurotrauma Reports. 2(1). 169-179.	---
Brown PA, Kairalla JA, Hilden JM, Dreyer ZE, Carroll AJ, Heerema NA, Wang C, Devidas M, Gore L, Salzer WL, Winick NJ, Carroll WL, Raetz EA, Borowitz MJ, Small D, Loh ML, Hunger SP. (2021). FLT3 Inhibitor Lestaurtinib Plus Chemotherapy for Newly Diagnosed KMT2A-Rearranged Infant Acute Lymphoblastic Leukemia: Children's Oncology Group Trial AALL0631. Leukemia. 35(5). 1279-1290.	8.67

FY21 Publications: Department of Biostatistics (Page 2)	Impact Factor
Carbajal-Mamani SL, Dideban B, Schweer D, Balavage KT, Chuang L, Wang Y, Wang S, Lee JH, Amaro B, Cardenas-Goicoechea J. (2021). Incidence of Venous Thromboembolism after Robotic-Assisted Hysterectomy in Obese Patients with Endometrial Cancer: Do We Need Extended Prophylaxis?. Journal of Robotic Surgery. 15(3). 343-348.	2.0
Carek PJ, Mims L, Kirkpatrick S, Williams MP, Zhang R, Rooks B, Datta S, Peterson LE, Mainous III AG. (2020). Does Community- or University-Based Residency Sponsorship Affect Graduate Perceived Preparation or Performance?. Journal of Graduate Medical Education. 12(5). 583-590.	1.06
Cenko E, Chen H, Gill TM, Glynn NW, Henderson RM, King AC, Pahor M, Qiu P, Rego A, Reid KF, Tudor-Locke C, Valiani V, You L, Manini TM. (2021). Ratings of Perceived Exertion during Walking: Predicting Major Mobility Disabilityand Effect of Structured Physical Activity in Mobility-Limited Older Adults. The Journalsof Gerontology: Series A. 75(10). e264-e271.	6.05
Chatterjee SA, Seidler RD, Skinner JW, Lysne PE, Sumonthee C, Wu SS, Cohen RA, Rose DK, Woods AJ, Clark DJ. (2020). Obstacle Negotiation in Older Adults: Prefrontal Activation Interpreted through Conceptual Models of Brain Aging. Innovation in Aging. 4(4). 1-11.	1.0
Chen D, McKune SL, Singh N, Yousuf Hassen J, Gebreyes W, Manary MJ, Bardosh K, Yang Y, Diaz N, Mohammed A, Terefe Y, Roba KT, Ketema M, Ameha N, Assefa N, Rajashekara G, Deblais L, Ghanem M, Yimer G, Havelaar AH. (2021). Campylobacter Colonization, Environmental Enteric Dysfunction, Stunting, and Associated Risk Factors Among Young Children in Rural Ethiopia: A Cross-Sectional Study From the Campylobacter Genomics and Environmental Enteric Dysfunction (CAGED) Project. Frontiers in Public Health. 1-13.	3.0
Cheng TD, Omilian AR, Yao S, Sanchez PV, Polk LZ, Zhang W, Datta S, Bshara W, Ondracek RP, Davis W, Liu S, Hong CC, Bandera EV, Khoury T, Ambrosone CB. (2020). Body Fatness and mTOR Pathway Activation of Breast Cancer in the Women's Circle of Health Study. NPJ Breast Cancer, 23(1). 77-87.	6.0
Choi Y, Meissner HC, Hampp C, Park H, Brumback B, Winterstein AG. (2021). Calibration of Chronic Lung Disease Severity as a Risk Factor for Respiratory Synctial Virus Hospitalization. Journal of the Pediatric Infectious Diseases Society. 10(3). 317-325.	---
Chu A, Harnicher BM, Castrellon BP, Bowers JA, Shan G. (2021). Using the Health Belief Model to Assess the Impact of Student Pharmacist-Led Health Outreach Events. Currents in Pharmacy Teaching and Learning. 13(6). 694-698.	---
Clark D, Chatterjee S, Skinner J, Lysne P, Sumonthee C, Wu SS, Cohen R, Rose D, Woods A. (2020). Combining Frontal tDCS with Walking Rehabilitation to Enhance Mobility and Executive Function: A Pilot Clinical Trial. Neuromodulation. 24(5). 950-959.	2.6
Clark D, Rose D, Butera K, Hoisington B, DeMark L, Chatterjee S, Hawkins K, Otzel D, Skinner J, Christou E, Wu SS, Fox E. (2021). Rehabilitation with Accurate Tasks or Steady State Training Produce Similar Functional Benefits: A Randomized Clinical Trial in Adults Post-Stroke. Clinical Rehabilitation. 35(8). 1196-1206.	1.8
Collins JM, Huo Z, Wang D. (2021). ESR1 ChIP-Seq Identifies Distinct Ligand-Free ESR1 Genomic Binding Sites in Human Hepatocytes and Liver Tissue. International Journal of Molecular Sciences. 22(3). 1461-1474.	4.56
Darden DB, Bacher R, Brusko MA, Knight P, Hawkins RB, Cox MC, Dirain ML, Ungaro R, Nacionales DC, Rincon JC, Gauthier MPL, Kladde M, Bihorac A, Brusko TM, Moore FA, Brakenridge SC, Mohr AM, Moldawer LL, Efron PA. (2021). Single Cell RNA-SEQ of Human Myeloid Derived Suppressor Cells in Late Sepsis Reveals Multiple Subsets with Unique Transcriptional Responses: A Pilot Study. Shock. 55(5). 587-595.	2.96
Dean NE, Halloran ME, Longini IM. (2020). Temporal Confounding in the Test Negative Design. American Journal of Epidemiology. 189(11). 1402-1407.	4.53
Dean NE, Pastore y Piontti A, Madewell Z, Cummings D, Hitchings MD, Joshi K, Kahn R, Vespignani A, Halloran ME, Longini IM. (2020). Ensemble Forecast Modeling for the Design of COVID-19 Vaccine Efficacy Trials. Vaccine. 38 (1). 7213-7216.	3.14

FY21 Publications: Department of Biostatistics (Page 3)	Impact Factor
Drashansky TT, Helm EY, Curkovic N, Cooper J, Cheng P, Chen X, Gautam N, Meng L, Kwiatkowski AJ, Collins WO, Keselowsky BG, Sant'Angelo D, Huo Z, Zhang W, Zhou L, Avram D. (2021). BCL11B is Positioned Upstream of PLZF and RORγt to Control Thymic Development of Mucosal-Associated Invariant T Cells and MAIT17 Program. Iscience. 24(4). 1-39.	4.48
Efron PA, Darden DB, Wang Z, Nacionales DC, Lopez MC, Hawkins RB, Cox MC, Rincon JC, Ungaro R, Dirain ML, Ghita GL, Chen T, Billiar TR, Delano MJ, Leeuwenburgh C, Bihorac A, Brakenridge SC, Moore FA, Mohr AM, Tompkins RG, Brumback BA, Baker HV, Upchurch GR, Moldawer LL. (2020). Transcriptomic Responses from Improved Murine Sepsis Models can Better Mimic Human Surgical Sepsis. The Journal of the Federation of American Societies for Experimental Biology. 35(2). 1-11.	---
Eisinger RS, Cagle JN, Alcantara J, Opri E, Cernera S, Le A, Ponce EMT, Lanese J, Nelson B, Lopes J, Hundley C, Ravy R, Foote KD, Okun MS, Gunduz A. (2021). Distinct Roles of the Human Subthalamic Nucleus and Dorsal Pallidum in Parkinson's Disease Impulsivity. Biological Psychiatry. 3223(21). 1-10.	12.1
El-Jawahri A, Traeger L, Greer JA, Vanbenschoten O, Markovitz N, Cashavelly B, Tata LA, Nipp RD, Reynolds KL, Goyal L, Bhatt S, Fishman S, Horick N, Li Z, Volandes A, Temel JS. (2020). Randomized Trial of a Hospice Video Educational Tool for Patients with Advanced Cancer and Their Caregivers. Cancer. 126(15). 3569-3578.	---
Fan S, Zhao Z, Yu H, Wang L, Zheng C, Huang X, Yang Z, Xing M, Lu Q, Luo Y. (2021). Applying Probability Calibration to Ensemble Methods to Predict 2-Year Mortality in Patients with DLBCL. BMC Medical Informatics and Decision Making. 21(1). 14-24.	2.07
Fang LQ, Zhang HY, Zhao H, Che TL, Zhang AR, Liu MJ, Shi WQ, Guo JP, Zhang Y, Liu W, Yang Y. (2020). Meteorological Conditions and Non-Pharmaceutical Interventions Jointly Determined Local Transmissibility of COVID-19 in 41 Chinese Cities: A Retrospective Observational Study. Lancet Regional Health-Western Pacific. 1-9.	---
Fillingim RB, Woods AJ, Ahn H, Wu SS, Redden DT, Lai S, Deshpande H, Deutsch G, Sibille KT, Staud R, Zeidan F, Goodin BR. (2020) Pain Relief for Osteoarthritis through Combined Treatment (PROACT): Protocol for a Randomized Controlled Trial of Mindfulness Meditation Combined with Transcranial Direct Current Stimulation in Non-Hispanic Black and White Adults with Knee Osteoarthritis. Contemporary Clinical Trials. 1-12.	1.8
Fischer J, Song YS, Yosef N, Di Lulio J, Churchman LS, Choder M. (2020). The Yeast Exoribonuclease Xrn1 and Associated Factors Modulate RNA Polymerase II Processivity in 5 ‘and 3 ‘Gene Regions. Journal of Biological Chemistry. 295(33). 11435-11454.	4.24
Fishe JN, Hendry P, Brailsford J, Salloum RG, Vogel B, Finley E, Palmer S, Datta S, Handeles L, Blake K. (2020) Early Administration of Steroids in the Ambulance Setting: Protocol for a Type I Hybrid Effectiveness-Implementation Trial with a Stepped Wedge Design (2000). Contemporary Clinical Trials. 97(1). 1-7.	1.83
Fisk RJ, Richards VL, Leeman RF, Brumback B, Cook C, Cook RL (2021). Negative Consequences of Alcohol Use Among People Living with HIV. Substance Use & Misuse. 56(6). 871-878.	---
Fleming TR, Krause P, Nason, M, Longini IM, Henao-Restrepo AM. (2021). COVID-19 Vaccine Trials—The Use of Active Controls and Non-Inferiority Studies. Clinical Trials. 18(3). 335-342.	2.72
Fleming TR, Nason M, Krause P, Longini IM, Henao-Restrepo AM. (2021). COVID-19 Vaccine Trials: The Potential for ‘Hybrid’ Analyses. Clinical Trials. 18(4). 391-397.	2.72
George TJ, Ivey AM, Ali A, Lee JH, Wang Y, Daily KC, Ramnaraign BH, Tan SA, Terracina KP, Read TE, Dang LH, Iqbal A. (2021). Activity of Sorafenib Plus Capecitabine in Previously Treated Metastatic Colorectal Cancer. The Oncologist. 26(5). 1-6.	5.03
Giulino-Roth L, Pei Q, Buxton A, Bush R, Wu Y, Wolden SL, Constine LS, Kelly KM, Schwartz CL, Friedman DL. (2021). Subsequent Malignant Neoplasms among Children with Hodgkin Lymphoma: A Report from the Children’s Oncology Group. Blood. 137(11). 1449-1456.	17.75

FY21 Publications: Department of Biostatistics (Page 4)	Impact Factor
Gonzalez E, Glick JA, Shan G, Talbot JN. (2021). Economic and Workload Impact of Therapeutic Interchange of Inhaler Medications and Nebulizer Solutions. American Journal of Health-System Pharmacy. 78(1). 41-48.	---
Granger M, Naranjo A, Bagatell R, DuBois SG, McCune JS, Tenney SC, Weiss BD, Mosse YP, Asgharzadeh S, Grupp SA, Hogarty MD, Gastier-Foster JM, Mills D, Shulkin B, Parisi MT, London WB, Han-Chang J, Panoff J, von Allmen D, Jarzembroski JA, Park JR, Yanik GA. (2021). Myeloablative Busulfan/Melphalan (BuMel) Consolidation Following Induction Chemotherapy for Patients with Newly Diagnosed High-Risk Neuroblastoma: Children's Oncology Group (COG) trial ANBL12P1. Transplantation and Cellular Therapy. 27(6). 1-8.	3.85
Gu T, Zhao X, Barbazuk WB, Lee JH. (2021). miTAR: A Hybrid Deep Learning-Based Approach for Predicting miRNA Targets. BMC Bioinformatics. 22(1). 1-16.	3.51
Halloran ME, Gilbert P, Longini IM. Designing a Study of Correlates of Risk for Ebola Vaccination. American Journal of Epidemiology. 189(9). 747-754.	4.53
Hardcastle C, O'Shea A, Kraft JN, Albizu A, Evangelista ND, Hausman HK, Boutzoukas EM, Van Etten EJ, Bharadwaj PK, Song H, Smith SG, Porges EC, Dekosky S, Hishaw GA, Wu SS, Marsiske M, Cohen R, Alexander GE, Woods AJ. (2020) Contributionsof Hippocampal Volume to Cognition in Healthy Older Adults. Frontiers in Aging Neuroscience. 1-10.	4.5
He Y, Khan S, Huo Z, Lv D, Zhang X, Liu X, Yuan Y, Hromas R, Xu M, Zheng G, Zhou D. (2020). Proteolysis Targeting Chimeras (PROTACs) are Emerging Therapeutics for Hematologic Malignancies. Journal of Hematology & Oncology. 13(1). 1-24.	10.73
Huo Z, Rana BK, Elman JA, Dong R, Engelman CD, Johnson SC, Lyons MJ, Franz CE, Kremen WS, Zhao J. (2020). Metabolic Profiling of Cognitive Aging in Midlife. Frontiers in Aging Neuroscience. 12(1). 397-408.	4.5
Islam Y, Xue W, Agarwal-Sinha S. (2021). Correlation of Central Corneal Thickness and Associated Factors in Premature Infants With and Without Retinopathy of Prematurity. Canadian Journal of Ophthalmology. Journal Canadien D'Ophtalmologie. 56(3). 171–178.	1.41
Jacola LM, Baran J, Noll RB, Willard VW, Hardy KK, Embry L, Hullmann SE, Larsen EC, Winick N, Kairalla JA (2021). Adaptive Functioning and Academic Achievement in Survivors of Childhood Acute Lymphoblastic Leukemia: A Report from the Children's Oncology Group. Pediatric Blood and Cancer, 68(4).e28913. 1-10.	2.36
Japp AS, Meng W, Rosenfeld AM, Perry DJ, Thirawatananond P, Bacher RL, Liu C, Gardner JS, HPAP Consortium. (2021). TCR+/BCR+ Dual-Expressing Cells and their Associated Public BCR Clonotype are not Enriched in Type 1 Diabetes. Cell. 184(3). 827-839.	38.64
Jeon N, Park H, Segal R, Brumback B, Winterstein AG (2021). Non-Steroidal Anti-Inflammatory Drug-Associated Kidney Injury: Does Short-Term NSAID Use Pose a Risk in Hospitalized Patients? European Journal of Clinical Pharmacology. 77(9). 1409-1417.	---
Jiang H, Liu MY, Zhang YJ, Yin JF, Li ZW, Zhu CD, Li QH, Luo XY, Ji TT, Zhang JJ, Yang Y, Wang XN, Luo YX, Tao LX, Zhang F, Liu XT, L WM, Guo XH. (2021). The Changes of Incidence and Epidemiology Characteristics of Pulmonary Tuberculosis in Mainland China, 2005-2016. JAMA Network Open. 4(4). e215302. 1-12.	8.48
Jiang T, Cao B, Shan G. (2020). Accurate Confidence Intervals for Risk Difference in Meta-Analysis with Rare Events. BMC Medical Research Methodology. 20(1). 1-10.	---
Jing QL, Liu MJ, Zhang ZB, Fang LQ, Yuan J, Zhang AR, Dean NE, Luo L, Ma MM, Longini IM, Kenah E, Lu Y, Ma Y, Jalali N, Yang ZC, Yang Y. (2020). Household Secondary Attack Rate of COVID-19 and Associated Determinants in Guangzhou, China: A Retrospective Cohort Study. Lancet Infectious Diseases. 21(5). 617-628.	24.45
Kang T, Levy S, Datta S. (2021). Analyzing Longitudinal Clustered Count Data with Zero Inflation: Marginal Modeling using the Conway-Maxwell-Poisson Distribution. Biometrical Journal. 63(1). 761-786.	1.42

FY21 Publications: Department of Biostatistics (Page 5)	Impact Factor
Kang T, Gaskins J, Levy S, Datta S. (2021). A Longitudinal Bayesian Mixed Effects Model with Hurdle Conway-Maxwell-Poisson Distribution. Statistics in Medicine. 40(1). 1336-1356.	1.78
Karmaker S, Roy A. (2021). Bayesian Modelling of Time-Varying Conditional Heteroscedasticity. Bayesian Analysis. 1-29.	2.7
Katz J, Yue S, Xue W. (2020). Dental Diseases are Associated with Increased Odds Ratio for Coronavirus Disease 19. Oral Diseases. 1-3.	3.51
Katz J, Yue S, Xue W. (2021). Herpes Simplex and Herpes Zoster Viruses in COVID-19 Patients. Irish Journal of Medical Science. 1-5.	1.22
Katz J, Yue S, Xue W. (2021). Increased Risk for COVID-19 in Patients with Vitamin D Deficiency. Nutrition. 84(1).1-5.	3.42
Kawano A, Hazard FK, Chiu B, Naranjo A, LaBarre B, London WB, Hogarty MD, Cohn SL, Maris JM, Park JR, Gastier-Foster JM, Ikegaki N, Shimada H. (2020). Stage 4S Neuroblastoma: Molecular, Histological and Immunohistochemical Characteristics and Presence of Two Distinct Patterns of MYCN Protein Overexpression: A Report from the Children's Oncology Group. American Journal of Surgical Pathology. 45(8). 1075-1081.	6.16
Krause P, Fleming TR, Longini I, Peto R, Beral V, Bhargava B, Cravioto A, Cramer JP, Ellenberg SS, Figuero JP, Halloran E, Henao-Restrepo AM, Ryan MJ, Levine MM, Nason M, Nohynek HM, Plotkin S, Rees H, Singh JA, Swaminathan S. (2021). Placebo-Controlled Trials of Covid-19 Vaccines: Why We Still Need Them. New England Journal of Medicine. 384(2). 1-10.	74.7
Krause P, Fleming TR, Longini I, Peto R, Briand S, Heymann DL, Beral V, Snape MD, Rees H, Ropero AM, Balicer RD, Cramer JP, Munoz-Fontela C, Gruber M, Gaspar R, Singh JA, Subbarao K, Van Kerhove MD, Swaminathan S, Ryan MJ, Henao-Restrepo AM. (2021). COVID Variants and Vaccines. New England Journal of Medicine. 385(1). 179-186.	74.7
Krause P, Henao-Restrepo AM, Longini I, Peto R, Fleming TR. COVID Vaccine Trials Should Prove Worthwhile Efficacy, Not Just Some Efficacy. Lancet. 396(10253). 741-743.	60.39
Lee EC, Chao DL, Lemaitre JC, Matrajt L, Pasetto D, Perez-Saez J, Finger F, Rinaldo A , Sugimoto JD, Halloran ME, Longini IM, Ternier R, Vissieres K, Azman AS, Lessler J, Ivers LC. (2020). Achieving Coordinated National Immunity and Cholera Elimination in Haiti through Vaccination: A Modelling Study. Lancet Global Health. 8(8). 1081-1089.	21.6
LeLaurin JH, Gurka MJ, Chi X, Lee JH, Hall J, Warren GW, Salloum RG. (2021). Concordance Between Electronic Health Record and Tumor Registry Documentation of Smoking Status Among Patients With Cancer. JCO Clinical Cancer Informatics. 5(1). 518-526.	1.19
Li C, Wu D, Lu Q. (2021). Set-Based Genetic Association and Interaction Tests for Survival Outcomes Based on Weighted V Statistics. Genetic Epidemiology.45 (1). 46-63.	2.54
Li F, Li YY, Liu MJ, Fang LQ, Dean N, Wong GK, Yang XB, Longini I, Halloran ME, Wang HJ, Liu PL, Pang YH, Yan YQ, Liu S, Xia W, Lu XX, Liu Q, Yang Y, Xu SQ. (2021). Household Transmission of SARS-CoV-2 and Risk Factors for Susceptibility and Infectivity in Wuhan: A Retrospective Observational Study. Lancet Infectious Diseases. 21(5). 617-628.	25.1
Li J, Ning PS, Cheng PX, Schwebel DC, Yang Y, Wei X, He JY, Wang WH, Li RT, Hu GQ. (2021). Factors Associated with Dropout of Participants in an App-Based Child Injury Prevention Study: Secondary Data Analysis of a Cluster Randomized Controlled Trial. Journal of Medical Internet Research. 23(1). 1-10.	5.4
Li T, Badger TM, Bellando BJ, Sorensen ST, Lou XY, Ou XW. (2020). Brain Cortical Structure and Executive Function in Children may be Influenced by Parental Choices of Infant Diets. American Journal of Neuroradiology. 41(7). 1302–1308.	3.38
Liang WH, Federico SM, London WB, Naranjo A, Irwin MS, Volchenboum SL, Cohn SL. (2020). Tailoring Therapy for Children with Neuroblastoma Based on Risk Group Classification: Past, Present, and Future. JCO Clinical Cancer Informatics. 4(1). 895-905.	2.95
Lin F, Qi G, Xu T, Lou XY, Hong YB, Xu HM (2020). Joint Association Analysis Method to Dissect Complex Genetic Architecture of Multiple Genetically Related Traits. The Crop Journal. 8(5). 733–744.	4.41

FY21 Publications: Department of Biostatistics (Page 6)	Impact Factor
Loftus TJ, Alfaro ME, Anderson TN, Murphy TW, Zayko O, Davis JP, Hothem ZA, Darden DB, Patel RP, Whittet W, McGough EK, Bihorac A, Croft CA, Rosenthal MD, Smith RS, Vanzant EL, Moore FA, Brakenridge SC, Ghita GL, Brumback BA, Mohr AM, Efron PA. (2020). Audiovisual Modules to Enhance Informed Consent in the ICU: A Pilot Study. Critical Care Explorations. 2(12). 1-6.	---
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O'Donnell HK, Vigers T, Johnson SB, Pyle L, Wright N, Deeb LC, Driscoll KA. (2021) Pump It Up! A Randomized Clinical Trial to Optimize Insulin Pump Self-Management Behaviors in Adolescents with Type 1 Diabetes. Contemporary Clinical Trials. 102(1). 106279. 1-8.	2.23
O'Steen L, Lockney NA, Morris CG, Johnson-Mallard V, Pereira D, Amdur RJ. (2021). A Prospective Randomized Trial of the Influence of Music on Anxiety in Patients Starting Radiation Therapy for Cancer. International Journal of Radiation Oncology, Biology, Physics. 109(3). 670–674.	7.04
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Pearl RL, Puhl RM, Lessard LM, Himmelstein MS, Foster GD. (2021). Prevalence and Correlates of Weight Bias Internalization in Weight Management: A Multinational Study. SSM-Population Health. 13(1). 100755. 1-10.	2.8
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Ross KM, Hong YR, Krukowski RA, Miller DR, Lemas DJ, Cardel MI. (2021). Acceptability of Research and Healthcare Visits during the COVID-19 Pandemic: A Cross-Sectional Study. JMIR Formative Research. 5(6). e27185. 1-7.	---
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Tadros HJ, Resmini Rawlinson A, Gupta D. (2021). Family Functioning in the Families of Paedatric Heart Transplant Recipients Prior to Outpatient Visits and Procedures. Cardiology in the Young. 31(3). 501-503.	0.99

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Taylor B, Yam A, Belchior P, Marsiske M. (2021). Videogame and Computer Intervention Effects on Older Adults' Mental Rotation Performance. Games for Health Journal. 10(3). 198-203.	3.2
Taylor GB, Radhakrishnan N, Fisher CL, Price C, Tighe P, Le T, Bylund CL. (2021). A Qualitative Analysis of Clinicians' Communication Strategies with Family Members of Patients Experiencing Hospital-Acquired Delirium. Geriatric Nursing. 42(3). 694-699.	2.3
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Tewolde F, Svingos A, Norheim N, Turner E, Jones L, Heaton S. (2021). New Cut-Score to Improve Performance of the Memory Validity Profile (MVP) in Heterogenous Clinical Populations. Child Neuropsychology. 1-12.	2.48
Thomas KR, Cook SE, Bondi MW, Unverzagt FW, Gross AL, Willis SL, Marsiske M. (2020). Application of Neuropsychological Criteria to Classify Mild Cognitive Impairment in the Active Study. Neuropsychology. 34(8). 862-872.	2.51
Tian J, Smith G, Guo H, Liu B, Pan Z, Wang Z, Xiong S, Fang R. (2021). Modular Machine Learning for Alzheimer's Disease Classification from Retinal Vasculature. Scientific Reports. 11(1). 1-11.	4.0
Tronieri JS, Wadden TA, Pearl RL, Berkowitz RI, Alamuddin N, Chao AM. (2020). Mindful Eating, General Mindful Awareness, and Acceptance as Predictors of Weight Loss. Mindfulness. 11(12). 2818-2827.	4.68
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Wan MT, Pearl RL, Fuxench ZCC, Takeshita J, Gelfand JM. (2020). Anticipated and Perceived Stigma Among Patients With Psoriasis. Journal of Psoriasis and Psoriatic Arthritis. 5(3). 93-99.	---
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Wang Y, Ibañez GE, Vaddiparti K, Stetten NE, Sajdeya R, Porges EC, Cohen RA, Cook RL. (2021). Change in Marijuana Use and its Associated Factors among Persons Living with HIV (PLWH) during the COVID-19 Pandemic: Findings from a Prospective Cohort. Drug and Alcohol Dependence. 225(1). 108770. 1-8.	6.01
Warnick J, Westen SC, Albanese-O'Neill A, Filipp S, Schatz D, Haller M, Janicke DM. (2020). The Use of Ecological Momentary Assessment to Measure Self-Monitoring of Blood Glucose Adherence in Youth with Type 1 Diabetes. Diabetes Spectrum. 33(3). 280-289.	1.2
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Wiggins ME, Dion C, Formanski E, Davoudi A, Amini S, Heilman KM, Penney D, Davis R, Garvan CW, Arnaoutakis GJ, Tighe P, Libon DJ, Price CC. (2021). Proof of Concept: Digital Clock Drawing Behaviors Prior to Transcatheter Aortic Valve Replacement may Predict Length of Hospital Stay and Cost of Care. Exploration of Medicine. 2(1). 110–121.	1.0
Wiggins ME, Jones J, Tanner JJ, Schmalfuss I, Hossein Aalaei-Andabili S, Heilman KM, Libon DJ, Beaver T, Price CC. (2020). Pilot Investigation: Older Adults with Atrial Fibrillation Demonstrate Greater Brain Leukoaraiosis in Infracortical and Deep Regions Relative to Non-Atrial Fibrillation Peers. Frontiers in Aging Neuroscience. 12(1). 271-278.	4.5
Williams MK, Vitus D, Ferguson E, Stennett B, Robinson M, Boissoneault J. (2021). Acute Tolerance to the Analgesic Effects of Alcohol. Journal of Studies on Alcohol and Drugs. 82(3). 422-430.	1.9
Williamson JB, Lamb DG, Porges EC, Bottari S, Woods AJ, Datta S, Langer K, Cohen RA. (2021). Cerebral Metabolite Concentrations Are Associated With Cortical and Subcortical Volumes and Cognition in Older Adults. Frontiers in Aging Neuroscience. 12(1). 1-14.	4.5
Yu, F, Vock DM, Zhang L, Salisbury D, Nelson NW, Chow LS, Smith GE, Barclay TR, Dysken M, Wyman JF. (2021). Cognitive Effects of Aerobic Exercise in Alzheimer's Disease: A Pilot Randomized Controlled Trial. Journal of Alzheimer's Disease. 80(1). 233-244.	3.9

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Advani S, Zhang D, Tammemagi M, Akinyemiju T, Gould MK, Silvestri GA, Braithwaite D. (2021). Comorbidity Profiles and Lung Cancer Screening among Older Adults: US Behavioral Risk Factor Surveillance System 2017 to 2019. Annals of the American Thoracic Society. 1-10.	4.84
Algarin AB, Li Y, Cohen RA, Cook CL, Brumback B, Cook RL, Ibañez GE. (2021). HIV-Related Stigma and Life Goals among People Living with HIV (PLWH) in Florida. Quality of Life Research: An International Journal of Quality of Life Aspects of Treatment, Care and Rehabilitation. 30(3). 781–789.	4.15
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Angell AM, Deavenport-Saman A, Yin L, Zou B, Bai C, MS; Varma DS, Solomon O. Sex Differences in Co-Occurring Conditions among Autistic Children and Youth in Florida: A Retrospective Cohort Study (2012-2019). Journal of Autism and Developmental Disorders. 1-7.	3.05
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Bares C, Lopez Quintero C. (2021). Shared Environmental Influences on Electronic Cigarette Use among Adolescent and Young Adult Females. Nicotine & Tobacco Research: Official Journal of the Society for Research on Nicotine and Tobacco. 23(8). 1425-1430.	3.79
Barker PC, Holland NP, Shore O, Cook RL, Zhang Y, Warring CD, Hagen MG. (2021). The Effect of Health Literacy on a Brief Intervention to Improve Advance Directive Completion: A Randomized Controlled Study. Journal of Primary Care & Community Health. 12(1). 1-8.	0.96
Barrios LC, Riggs MA, Green RF, Czarnik M, Nett RJ, Staples JE, Welton MD, Muilenburg JM, Zullig KJ, Gibson-Young L, Perkins AV, Prins C, Lauzardo M, Shapiro J, Asimellis G, Kilgore-Bowling G, Ortiz-Jurado K, Gutilla MJ. (2021). Observed Face Mask Use at Six Universities—United States, September–November 2020. Morbidity and Mortality Weekly Report. 70(6). 208-211.	13.61
Bhattacharya PT, Hameed A, Bhattacharya ST, Chirinos JA, Hwang WT, Birati EY, Menachem JN, Chatterjee S, Giri JS, Kawut SM, Kimmel SE, Mazurek JA. (2020). Risk Factors for 30-Day Readmission in Adults Hospitalized for Pulmonary Hypertension. Pulmonary Circulation. 10(4). 1-14.	3.02
Bian J, Lyu T, Loiacono A, Viramontes TM, Lipori G, Guo Y, Wu Y, Prosperi M, George TJ, Harle CA, Shenkman EA, Hogan W. (2020). Assessing the Practice of Data Quality Evaluation in a National Clinical Data Research Network through a Systematic Scoping Review in the Era of Real-World Data. Journal of the American Medical Informatics Association. 27(12). 1999-2010.	4.69
Borghetti A, Ciccullo A, Lombardi F, Baldin G, Belmonti S, Prosperi M, Incardona F, Heger E, Borghi V, Sönnerborg A, Zazzi M, De Luca A, Di Giambenedetto S. (2020). Transmitted Drug Resistance to NRTIs and Risk of Virological Failure in Naïve Patients Treated with Integrase Inhibitors. HIV Medicine. 22(1). 22-27.	3.73

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Bryant VE, Britton MK, Gullett JM, Porges EC, Woods AJ, Cook RL, Williamson J, Ennis N, Bryant KJ, Bradley C, Cohen RA. (2021). Reduced Working Memory is Associated with Heavier Alcohol Consumption History, Role Impairment and Executive Function Difficulties. AIDS and Behavior. 25(9). 2720-2727.	3.9
Canidate SS, Cook CL, Varma D, Carnaby GD, Ennis N, Stetten NE, Cook RL. (2020). Recruitment, Experience, and Retention among Women with HIV and Hazardous Drinking Participating in a Clinical Trial. BMC Public Health. 20(1). 1-11.	4.0
Chaarani B, Allgaier N, Hahn S, Adise S, Owens MM, Juliano AC, Yuan DK, Loso H, Ivanciu A, Albaugh MD, Dumas J, Mackey S, Laurent J, Ivanova M, Hagler DJ, Cornejo MD, Hatton S, Agrawal A, Aguinaldo L, Ahonen L, Aklin W, Anokhin AP, Arroyo J, Avenevoli S, Babcock D, Bagot K, Baker FC, Banich MT, Barch DM, Bartsch H, Baskin-Sommers A, Bjork JM, Blachman-Demmer D, Bloch M, Bogdan R, Bookheimer SY, Breslin F, Brown S, Calabro FJ, Calhoun V, Casey BJ, Chang L, Clark DB, Cloak C, Constable RT, Conway K, Corley R, Cottler LB, Coxe S, Dagher R, Dale AM, Dapretto M, Delcarmen-Wiggins R, Dick AS, Do EK, Dosenbach NUF, Dowling GJ, Edwards S, Ernst TM, Fair DA, Fan CC, Feczko E, Feldstein-Ewing SW, Florsheim P, Foxe JJ, Freedman EG, Friedman NP, Friedman-Hill S, Fuemmeler BF, Galvan A, Gee DG, Giedd J, Glantz M, Glaser P, Godino J, Wilbur A, Gonzalez M, Gonzalez R, Grant S, Gray KM, Haist F, Harms MP, Hawes S, Heath AC, Heeringa S, Heitzeg MM, Hermosillo R, Herting MM, Hettema JM, Hewitt JK, Heyser C, Hoffman E, Howlett K, Huber RS, Huestis MA, Hyde LW, Iacono WG, Infante MA, Irfanoglu O, Isaiah A, Iyengar S, Jacobus J, James R, Jean-Francois B, Jernigan T, Karcher NR, Kaufmann A, Kelley B, Kit B, Ksinan A, Kuperman J, Laird AR, Larson C, LeBlanc K, Lessem J, Lessov-Schlagger C, Lever N, Lewis DA, Lisdahl K, Little AR, Lopez M, Luciana M, Luna B, Madden PA, Maes HH, Makowski C, Marshall AT, Mason MJ, Matochik J, McCandliss BD, McGlade E, Montoya I, Morgan G, Morris A, Mulford C, Murray P, Nagel BJ, Neale MC, Neigh G, Nencka A, Noronha A, Nixon SJ, Palmer CE, Pariyadath V, Paulus MP, Pelham WE, Pfefferbaum D, Pierpaoli C, Prescot A, Prouty D, Puttler LI, Rajapaske N, Rapuano KM, Reeves G, Renshaw PF, Riedel MC, Rojas P, de la Rosa M, Rosenberg MD, Ross MJ, Sanchez M, Schirda C, Schloesser D, Schulenberg J, Sher KJ, Sheth C, Shilling PD, Simmons K, Sowell ER, Speer N, Spittel M, Squeglia LM, Sripada C, Steinberg J, Striley C, Sutherland MT, Tanabe J, Tapert SF, Thompson W, Tomko RL, Uban KA, Vrieze S, Wade NE, Watts R, Weiss S, Wiens BA, Willams OD, Wilbur A, Wing D, Wolff-Hughes D, Yang R, Yurgelun-Todd DA, Zucker RA, Potter A, Garavan HP & the ABCD Consortium. (2021). Baseline Brain Function in the Preadolescents of the ABCD Study. Nature Neuroscience. 1-11.	20.07
Chang JC, Xiao R, Knight AM, Kimmel SE, Mercer-Rosa LM, Weiss PF. (2020). A Population-Based Study of Risk Factors for Heart Failure in Pediatric and Adult-Onset Systemic Lupus Erythematosus. Seminars in Arthritis and Rheumatism. 50(4). 527-533.	4.7
Chen G, Delcher C, Xiao H, Roussos-Ross D, Chen X. (2020). Factors Associated with Opioid Prescriptions among Women Proximal to Pregnancy in the United States. Research in Social and Administrative Pharmacy. 17(8). 1483-88.	2.84
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Chen XH, Zhu G, Zhang L, Fang Y, Guo L, Chen X. (2021). Age-Stratified COVID-19 Spread Analysis and Vaccination: A Multitype Random Network Approach. Transactions on Network Science and Engineering. 1-11.	5.21
Chen Z, Zhang H, Guo Y, George TJ, Prosperi M, Hogan WR, He Z, Shenkman EA, Wang F, Bian J. (2021).Exploring the Feasibility of Using Real-World Data from a Large Clinical Data Research Network to Simulate Clinical Trials of Alzheimer's Disease. NPJ Digital Medicine. 4(1). 84-93.	---
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Bishnoi R, Shah C, Blaes A, Bian J, Hong YR. (2020). Cardiovascular Toxicity in Patients Treated with Immunotherapy for Metastatic Non-Small Cell Lung Cancer: A SEER-Medicare Study. Lung Cancer. 150(October). 172–177.	4.7
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Hong YR, Xie Z, Gutter MS, Odedina FT, Hincapie-Castillo JM. (2021). Purchasing Drugs Abroad Among U.S. Cancer Survivors: Analysis of the National Health Interview Survey, 2011–2018. American Journal of Preventive Medicine. 60(5). e231–e234.	4.42
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Mainous AG 3rd, Saxena S, de Rochars VMB, Macceus D. (2020). COVID-19 Highlights Health Promotion and Chronic Disease Prevention Amid Health Disparities. British Journal of General Practice. 70(697). 372-373.	4.4
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Xie Z, Yadav S, Larson SA, Mainous AG 3rd, Hong YR. (2021). Associations of Patient-Centered Medical Home with Quality of Care, Patient Experience, and Health Expenditures: A STROBE-Compliant Cross-Sectional Study. Medicine. 100(21). e26119. 1-17.	1.5
Xie Z, Jo A, Hong YR. (2020). Electronic Wearable Device and Physical Activity among US Adults: An Analysis of 2019 HINTS Data. International Journal of Medical Informatics. 104297. 1-8.	3.21
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Yang MJ, Rooks BJ, Le TT, Santiago IO 3rd, Diamond J, Dorsey NL, Mainous AG 3rd. (2021). Influenza Vaccination and Hospitalizations Among COVID-19 Infected Adults. Journal of the American Board of Family Medicine. 34(1). S179-S182.	2.7

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Applebaum JW, Ellison C, Struckmeyer L, Zsembik BA, McDonald SE. (2021). The Impact of Pets on Everyday Life for Older Adults during the COVID-19 Pandemic. Frontiers in Public Health. 1-10.	3.7
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Jugl S, Okpeku A, Costales B, Morris E, Alipour-Haris G, Hincapie-Castillo JM, Stetten NE, Sajdeya R, Keshwani S, Joseph V,Zhang Y, Shen Y, Adkins L, Winterstein AG, Goodin A. (2021). A Mapping Literature Review of Medical Cannabis Clinical Outcomes and Quality of Evidence in Approved Conditions in the USA from 2016 to 2019. Medical Cannabis and Cannabinoids. 4(1). 21-42.	---
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Lebeau JC, Mason J, Roque N, Tenenbaum G. (2020). The Effects of Acute Exercise on Driving and Executive Functions in Healthy Older Adults. International Journal of Sport and Exercise Psychology. 1(19). 1-10.	2.04
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Winter SM, Caldwell KR, Brumback BA, Jeghers ME, Classen S. (2021). Fidelity of a Traffic Safety Education Intervention for Combat Veterans. Occupational Therapy in Health Care. 1-17.	0.76
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FY21 Publications: Department of Physical Therapy (Page 1) [n=72]	Impact Factor
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Batra A, Lott DJ, Willcocks R, Forbes SC, Triplett W, Dastgir J, Yun P, Reghan Foley A, Bönnemann CG, Vandenborne K, Walter GA. (2020). Lower Extremity Muscle Involvement in the Intermediate and Bethlem Myopathy Forms of COL6-Related Dystrophy and Duchenne Muscular Dystrophy: A Cross-Sectional Study. Journal of Neuromuscular Diseases. 7(4). 407-417.	4.31
Beneciuk JM, George SZ. (2021). Adding Physical Impairment to Risk Stratification Improved Outcome Prediction in Low Back Pain. Physical Therapy. 101(1). 1-9.	3.14
Beneciuk JM, Verstandig D, Taylor C, Scott D, Levin J, Osborne R, Bialosky JE, Lentz TA, Buck T, Davis AL, Harder C, Beneciuk MB, Wittmer V, Sylvester J, Rowe R, McInnes D, Fisher TP, McGarrie L. (2020). Musculoskeletal Pain Stakeholder Engagement and Partnership Development: Determining Patient-Centered Research Priorities. Research Involvement and Engagement. 6(28). 1-14.	---
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George TJ, Ali A, Wang Y, Lee JH, Ivey AM, DeRemer D, Daily KC, Allegra CJ, Hughes SJ, Fan ZH, Cameron ME, Judge AR, Trevino JG. (2021). Phase II Study of 5-Fluorouracil, Oxaliplatin plus Dasatinib (FOLFOX-D) in First-Line Metastatic Pancreatic Adenocarcinoma. Oncologist. 1-12.	5.02
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Lopez C, Taivassalo T, Berru MG, Saavedra A, Rasmussen HC, Batra A... Forbes SC. (2021). Post-Contractile Blood Oxygenation Level-Dependent (BOLD) Response in Duchenne Muscular Dystrophy. Journal of Applied Physiology. 1-12.	3.06
Lott DJ, Taivassalo T, Cooke KD, Park H, Moslemi A, Batra A, Forbes SC, Byrne BJ, Walter GA, Vandenborne K. (2021). Safety, Feasibility, and Efficacy of Strengthening Exercise in Duchenne Muscular Dystrophy. Muscle Nerve. 63(3). 320-326.	2.51
Lott DJ, Taivassalo T, Senesac CR, Willcocks RJ, Harrington AM, Zilke K, Cunkle H, Powers C, Finanger EL, Rooney WD, Tennekoon GI, Vandenborne K. (2021). Walking Activity in a Large Cohort of Boys with Duchenne Muscular Dystrophy. Muscle Nerve. 63(2). 192-198.	2.51
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Nichols NL, Mitchell GS. (2021). Mechanisms of Severe Acute Intermittent Hypoxia-Induced Phrenic Long-Term Facilitation. Journal of Neurophysiology, 125(4). 1146-1156.	2.63
Nuhu A, Jelsma J, Dunleavy K, Burgess T. (2021). Effect of the FIFA 11+ Soccer Specific Warm Up Programme on the Reduction of Injuries: A Cluster-Randomised Controlled trial. PLOS One. 16(5):e0251839. 1-16.	2.81
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Perim RR, Kubilis PS, Seven YB, Mitchell GS. (2020). Hypoxia-Induced Hypotension Elicits Adenosine-Dependent Phrenic Long-Term Facilitation after Carotid Denervation. Experimental Neurology. 113429. 1-12.	4.56
Perim RR, Sunshine MD, Welch JF, Santiago J, Holland A, Ross A, Mitchell GS, Gonzalez-Rothi EJ. (2021). Daily Acute Intermittent Hypoxia Enhances Phrenic Motor Output and Stimulus-Evoked Phrenic Responses in Rats. Journal of Neurophysiology. 1-48.	2.2
Permuth JB, Dezsi KB, Vyas S, Ali KN, Basinski TL, Utuama OA, Denbo JW, Klapman J, Dam A, Carballido E, Kim DW, Pimiento JM, Powers BD, Otto AK, Choi JW, Chen DT, Teer JK, Beato F, Ward A, Cortizas EM, Whisner SY, Williams IE, Riner AN, Tardif K, Velanovich V, Karachristos A, Douglas WG, Legaspi A, Allan BJ, Meredith K, Molina-Vega MA, Bao P, St Julien J, Huguet KL, Green L, Odedina FT, Kumar NB, Simmons VN, George TJ, Vadaparampil ST, Hodul PJ, Arnoletti JP, Awad ZT, Bose D, Jiang K, Centeno BA, Gwede CK, Malafa M, Judge SM, Judge AR, Jeong D, Bloomston M, Merchant NB, Fleming JB, Trevino JG, On Behalf Of The Florida Pancreas Collaborative. (2021). The Florida Pancreas Collaborative Next-Generation Biobank: Infrastructure to Reduce Disparities and Improve Survival for a Diverse Cohort of Patients with Pancreatic Cancer. Cancers (Basel). 13(4). 1-24.	6.12
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Seven ES, Seven YB, Zhou YQ, Poudel-Sharma S, Diaz-Rucco JJ, Cilingir EK, Mitchell GS, Van Dyken JD, Leblanc RM. (2021). Crossing the Blood-Brain Barrier with Carbon Dots: Uptake Mechanism and In Vivo Cargo Delivery. Nanoscale Advances. 3(13). 3942-3953.	4.55
Seven YB, Simon AK, Sajjadi E, Zwick A, Satriotomo I, Mitchell GS. (2020). Adenosine 2A Receptor Inhibition Protects Phrenic Motor Neurons from Cell Death Induced by Protein Synthesis Inhibition. Experimental Neurology. 323. 1-8.	4.56
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Sutor T, Cavka K, Vose AK, Welch J, Davenport P, Fuller DD, Mitchell GS, Fox EJ. (2021). Single-Session Effects of Acute Intermittent Hypoxia on Breathing Function after Human Spinal Cord Injury. Experimental Neurology. 342 (2021). 113735. 1-9.	5.3
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Tadjalli A, Seven YB, Sharma A, McCurdy CR, Bolser DC, Levitt ES, Mitchell GS. (2021). Acute Morphine Blocks Spinal Respiratory Motor Plasticity via Long-Latency Mechanisms that Require Toll-Like Receptor 4 Signaling. The Journal of Physiology. 599(15). 3771-3797.	4.55
Thome T, Kumar RA, Burke SK, Khattri RB, Salyers ZR, Kelley RC, Coleman MD, Christou DD, Hepple RT, Scali ST, Ferreira LF, Ryan TE. (2020). Impaired Muscle Mitochondrial Energetics is Associated with Uremic Metabolite Accumulation in Chronic Kidney Disease. JCI Insight. 6(1). e139826. 1-20.	6.2
Vora RM, Alappattu MJ, Zarkar AD, Soni MS, Karmakar SJ, Antony AC. (2021). Potential for Elimination of Folate and Vitamin B12 Deficiency in India Using Vitamin-Fortified Tea: A Preliminary Study. BMJ Nutrition, Prevention & Health. 4(1). 1-14.	---
Welch JF, Argento PJ, Mitchell GS, Fox EJ. (2020). Reliability of the Diaphragmatic Motor Evoked Potential Induced by Transcranial Magnetic Stimulation. Journal of Applied Physiology. 129(6). 1393-1404.	3.5

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Welch JF, Perim RR, Argento PJ, Sutor TW, Vose AK, Nair J, Mitchell GS, Fox EJ. (2021). Effect of Acute Intermittent Hypoxia on Cortico-diaphragmatic Conduction in Healthy Humans. Experimental Neurology. 339. 113651. 1-8.	5.3
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Wesolowicz DM, Bishop MD, Robinson ME. (2021). An Examination of Day-to-Day and Intraindividual Pain Variability in Low Back Pain. Pain Medicine. 1-14.	2.5
Willcocks RJ, Forbes SC, Walter GA, Sweeney L, Rodino-Klapac LR, Mendell JR, Vandenborne K. (2021). Assessment of rAAVrh. 74. MHCK7. Micro-Dystrophin Gene Therapy Using Magnetic Resonance Imaging in Children with Duchenne Muscular Dystrophy. JAMA Network Open. 4(1). 1-4.	5.03
Wilson AT, Riley JL, Mark D. Bishop, Jason M. Beneciuk, Mutsa Godza, Cruz-Almeida Y, Bialosky JE. (2021). A Psychophysical Study Comparing Massage to Conditioned Pain Modulation: A Single Blind Randomized Controlled Trial in Healthy Participants, Journal of Bodywork and Movement Therapies. 27 (1). 426-435.	1.4
Wollma LB, Streeter KA, Fusco AF, Gonzalez-Rothi E, Sandhu MS, Greer JJ, Fuller DD. (2020). Ampakines Stimulate Phrenic Motor Output after Cervical Spinal Cord Injury. Experimental Neurology. 334(1). 113465. 1-14.	4.69

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Liu YY, Polka L, Masapollo M, Ménard L. (2021). Disentangling the Roles of Formant Proximity and Stimulus Prototypicality in Adult Vowel Perception. Journal of the Acoustical Society of America, Express Letters. 1(1). 1-7.	---
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