

Research Center and Institute Progress Report Protocol September 1, 2016–August 31, 2017 (Annual Review per Fiscal Year)

Submission of the compiled report as a PDF are due no later than **5 p.m. Thursday, March 1, 2018** and must be submitted electronically to researchcireports@share.uh.edu

I. CENTER/INSTITUTE INFORMATION

- a. Name of center/institute: Texas Institute for Measurement, Evaluation, and Statistics
- b. Year established: 1999
- c. Website address for center/institute: <https://www2.times.uh.edu>

II. DIRECTOR INFORMATION

- a. Name: David J. Francis
- b. Title: Hugh Roy and Lillie Cranz Cullen Distinguished University Chair, Psychology
- c. Director, Texas Institute for Measurement, Evaluation, and Statistics
Co-Director, Center for Advanced Computing and Data Science
- d. Address: Health and Biomedical Sciences Building (Health 1), Room 372,
- e. Phone number: (832) 842-7036
- f. Email address: dfrancis@uh.edu

III. STATED MISSION, GOALS, OBJECTIVES, & VALUE CREATION

- a. Does the unit have a formal multi-year (3-5 years) strategy and a strategy-implementation plan? If yes, please provide.

TIMES has a one-year budget, with no written commitment of continued support from the university beyond August 31, 2018. We have been operating on one-year commitments that are made in May for the following fiscal year. We have never been asked for a new strategic plan. We continue to implement the 5-year plan that was put in place in 2007, the last time the university made a multi-year commitment to TIMES as part of a retention package for Dr. Francis, TIMES founding Director. That plan called for a commitment of space to allow TIMES to expand into a multidisciplinary research center focused on complex systems, including the creation of wet labs for scientists from Psychology, Biology/Biochemistry, Pharmacy, and Engineering involved in neuroscience research, the recruitment of a human geneticist and the creation of space for a human genetics lab, and accommodation of aspects of psychology, particularly neuropsychology and clinical researchers focused on pediatric diseases and disorders, as well as space for computational science, including computational biology, computational physiology, and statistics (TIMES traditional foundation). The keys to the plan were a commitment of financial support over a period of five years coming from the special items budget, the Division of Research, and the Provost's office, with ongoing support beyond that from the line item, and most importantly the creation of a space for these multidisciplinary activities. This plan eventually materialized in a 2008 decision by the Deans of Optometry (Smith) and CLASS (Antel), the Provost (Foss), the VPR (Birks), and the VP for Finance (Carlucci) to obtain Board of Regents approval for the expansion of the HBSB to six floors from its originally planned 2 floors, which were for the College of Optometry, to create two floors for Animal Care Operations (ACO), and two floors for TIMES, along with a

TIMES planned Animal Behavior Core (ABC) to be located inside the ACO space for neuroscience researchers involved in animal behavior models. TIMES took occupancy in the HBSB 1 in December of 2012, but the buildout of HBSB 1 was not completed until 2015 with the completion of the Human Genetics lab and the recruitment of Dr. Elena Grigorenko, Cullen Professor in Psychology, from Yale University. This month (February, 2018), we received approval of the ABC as a Core Facility with chargeback privileges.

Part of the TIMES strategic plan has always been for TIMES to continue to evolve as a Research Financial Services umbrella organization that could provide administrative support to other centers and campus research organizations by building a robust and efficient administrative infrastructure for research financial services and information technology, and the expansion of our automated tools for reporting and grants administration. The general idea was that rather than the university investing repeatedly in separate administrative units for each center, the university could consolidate resources for center administration in an umbrella organization that would meet the administrative needs of multiple centers, with each center contributing proportionally to the cost of administration based on its resources and needs.

TIMES presently provides research financial administrative and IT services to TIMES, the Center for Advanced Computing and Data Science (CACDS), the Texas Obesity Research Center (TORC), and the Advanced Materials Institute (AMI). TIMES also provides the administrative and IT infrastructure for the Borders, Trade, and Immigration Institute (BTI), which is funded by a DHS Center of Excellence Grant initiated by a TIMES PI, Ioannis Kakadiaris, who directs the Computational Biology Lab within TIMES. BTI is mentioned separately because, unlike other grants managed by TIMES, the IDC from BTI related activities flows directly to BTI, who then contributes funding in support of TIMES administration. For all other grants, IDC flows directly to TIMES based on the magnitude of the credit split. TIMES also provides some automated reconciliation reports to the Department of Psychology, Health and Human Performance, and the College of Technology through its SAS reporting system.

While TIMES has continued to evolve its administration and IT services groups, and is providing support to more DOR centers and institutes, DOR funding for TIMES has not increased, and will, in fact, decrease this year by approximately 1/3. At the same time, IDC commitments remain unfulfilled for groups from some colleges and departments who are participating in TIMES and are housed in TIMES research space. In addition, some DOR sponsored centers are allowed to receive their administrative support from TIMES without commitment of financial resources to TIMES to pay for the support they receive. In short, while 100% of the DOR commitment to TIMES as well as 100% of the TIMES generated IDC must be used to support the administrative infrastructure of TIMES, that infrastructure supports other centers, institutes, and labs that are allowed to use 100% of their DOR commitment toward center programs. There is no expectation from DOR that some portion of their funding must go towards operational support, and the funding is not directed by DOR to TIMES. In short, some ride for free and others pay the bill. That was never the plan, but that is its evolution. The model is unsustainable, especially in light of the impending reduction in support from DOR.

b. If there is no formal strategy, provide the mission statement, goals, and milestones for the unit.

The primary purposes of the Texas Institute for Measurement, Evaluation, and Statistics, established at its founding, are to advance knowledge about, and to improve the behavioral, psychological, educational and developmental outcomes of children and adults through the application and development of high quality, cutting-edge research methods, and the delivery of state-of-the art research and statistical support services. In addition, TIMES' broader mission is to promote, develop, and advance statistical knowledge and its application in research and decision making, and to establish a university-based resource in measurement, evaluation, and statistics for faculty and administrators. In light of this broader mission, in addition to conducting primary research, TIMES provides essential research support services in four major areas. These include the design of advanced quasi-experimental studies, such as those used for researching developmental and educational questions in natural settings (e.g., such as children in classrooms), as well as the design of more traditional "true" experimental

studies. Secondly, TIMES specializes in the application of advanced statistical models for (a) measuring longitudinal outcomes (e.g., student growth), (b) predicting risk and failure (e.g., predicting poor student outcomes at the earliest possible point in development), (c) measuring key constructs and their impact on desired outcomes (e.g., assessing the importance of teacher behaviors in advancing student achievement), and (d) modeling institutional effectiveness (e.g., evaluating the efficacy of school wide reform efforts). Third, TIMES is a leader in the use of advanced psychometric models and technology tools to create research instruments. Finally, TIMES supports the primary data collection efforts of researchers and educators through (a) automated data entry, (b) electronic data storage, (c) computerized data management, and (d) essential reporting services.

Beginning in 2007, TIMES undertook to transform itself into a multidisciplinary research center focused on the solution of complex problems in society, including health and education, maintaining an emphasis on application of advanced statistical, computational, and measurement practices as part of its core, but expanding its substantive focus beyond education and health. This transformation was seen as crucial to the future of TIMES and the University of Houston, which lacked an administrative infrastructure focused on interdisciplinary research. With that proposed transformation were plans to construct a two-story interdisciplinary research space to house TIMES substantive research laboratories. Construction on the two stories was completed in 2015 and although some remodeling to create new laboratories focused on measuring brain electrical activity were completed in the fall of 2017, the transformation of TIMES into an interdisciplinary research center is well under way.

- c. Are the stated goals being met in a manner consistent with the targeted milestones? Describe by giving specific metrics, including faculty research outcomes, student training, and support.

Goals with respect to sponsored research funding, as well as faculty, student, and staff productivity are being met, with two exceptions. TIMES continues to offer support to more tenure track faculty and their students from a diverse array of colleges and departments without expansion of the number of staff. We continue to rank in the top tier of university wide research centers at the University of Houston, both in terms of the amount of sponsored research under management and in IDC generation. We presently manage approximately 86 grant cost centers for TIMES PIs, and 118 grant cost centers across TIMES, CACDS, TORC, and AMI. Because the university does not report official metrics for research productivity other than funding and IDC, it is impossible to comment on where our scholarly productivity ranks among university centers.

The exception to our goals is that we have not yet established a Core Facility with chargeback capabilities for Statistical Support Services nor have we significantly increased the number of interdisciplinary, multi-year, center and/or program project grants. Important dimensions of TIMES strategic plan and mission are the provision of statistical support to the campus, both as a vehicle for increasing funded research on the campus, but also to increase funding opportunities for TIMES research faculty, and the facilitation of large-scale, interdisciplinary research grants. We applied for funding to create a Core Facility for statistical support services with colleagues in the Math Department, but the RSC Committee that reviewed Core Facilities proposals did not fund this proposal. We have continued to provide support to faculty colleagues from across the UH System, but we have not established a Core Facility that can be advertised with specific charge backs. This goal is seen as essential to our continuity as a center, as was the creation of the ABC, which is now officially approved as a Core Facility under TIMES. I should add that funding for the ABC was not awarded to TIMES, but to faculty in Pharmacy. However, it was ultimately TIMES faculty and administration who worked with DOR and the faculty in Pharmacy to make the ABC a reality, and to expend the funds awarded by DOR for the purchase of equipment and the establishment of the ABC. Funds for the personnel engaged in the establishment and management of the ABC have come from TIMES, not from the funds awarded to Pharmacy.

As to the pursuit of interdisciplinary grants, we have had several successes, including the DHS Center of Excellence proposal that established BTI, in which TIMES invested several thousand dollars to support the writing of the proposal, and also the recently awarded recompetition of the Texas Center for Learning Disabilities. Although both

of these are large interdisciplinary, proposals that establish (or preserve) national centers at UH that would be difficult to create under a college-based department, we need more activity directed toward such efforts. Prior to these two proposals, TIMES directed or collaborated on several other national centers or program project grants, including a National Center for Research and Development of English Language Learners (\$9.9M), an NICHD funded Program Project on the development of English Language Learners (\$17M), and the prior awards of the Texas Center for Learning Disabilities from 2006-2017 (\$15M), and program project grants in Spina Bifida (\$6.6M) and Math (\$4.5M). These past and current successes highlight what is possible from an interdisciplinary research center with a strong quantitative/computational focus, but our contribution to the university hinges on sustaining these efforts and building on these successes and growing the total number of such awards at the university. We continue to work to develop systems that facilitate the writing and management of such awards, but it falls to faculty to develop the proposals, and to the Director to identify opportunities and the people who can respond to them.

- d. How is the unit contributing to the accomplishment of priorities and goals of the department, college, and/or University without duplicating functions of other entities?

As a university-wide center, it is only appropriate to ask this question as it relates to the university's goals and objectives and the goals and objectives of the Division of Research. Our record of accomplishment in terms of interdisciplinary, large (over \$2M in direct costs), federally funded projects is unmatched in the university. This year, the President reported on the top 10 faculty in terms of awards to the university during her 10 years at UH (2007-2017). Four of the top six faculty in terms of awards are members of TIMES, including Drs. Jack Fletcher, Ioannis Kakadiaris, David Francis, and Coleen Carlson, and these awards do not include Dr. Francis' \$17.2M award from NICHD in 2000, \$4.1M award from IES in 2001, \$8.3M award from IES in 2003, and large scale evaluations of Reading First (\$4.5M annually from 2003-2007) from the state of Texas. These numbers also do not reflect several large grants that were awarded to other units at UH that involved TIMES as the data center, such as an award to Dr. Jerome Freiberg in the College of Education (\$3.4M), an award to Dr. Frishman in Optometry (P30 Core Grant where TIMES serves as the Biostatistics Core), and an award to Dr. Rebecca Lee in Health and Human Performance from NIH (\$2M). No university wide center has been as consistent as TIMES in bringing in large awards to the university.

- e. What are the specific outcomes of the unit that cannot be accomplished through direct faculty/department/college work without having the unit?

Whether or not multi-investigator, interdisciplinary, center and program project grants can be successfully competed and managed in academic units like Departments and Colleges, the fact of the matter is, TIMES has produced more such awards over the period of its existence than any other unit at UH. Certainly, some of our large, interdisciplinary grants could have been accomplished within academic units. Nevertheless, the robust administrative infrastructure of TIMES makes it possible to support research faculty, students, and staff full time on grants, and to create working groups of data managers, project managers, and statisticians whose time is allocated across multiple soft money awards run by different principal investigators, so that grants only need to pay for the services they use. Having many individuals supported 100% on soft money across multiple soft money sources with varying start and end dates creates a complexity that most departments cannot manage efficiently, making it less likely that faculty will pursue large, interdisciplinary, multi-site awards. They are just too cumbersome to manage, and the academic departments have difficulty justifying the resource allocation, because portions of the awards invariably are going to other units, both inside and outside of the university. How many departments are willing to allocate space to faculty and students from another department or college because those individuals are working on a grant with an investigator in their department? Instead, faculty member A has a lab in their department and faculty member B has a lab in their department, and they have meetings together to "collaborate", but they find it difficult to truly "work" together because of the problem of distance. At TIMES, a psychologist using EEG to study infants' cognitive development and response to traumatic experiences has a lab

next door to an Engineer who is using evoked responses to control robotic hands for individuals who have lost a limb in an accident, and an Engineer who is studying deep brain stimulation in Parkinson's disease. Nearby are computational researchers who are able to share expertise on making sense of the large volumes of data created in these labs. This proximity creates opportunities to discuss diverse work and look for points of common interest that allows for novel combinations of substantive and disciplinary expertises to attack difficult problems from novel, interdisciplinary perspectives. It's possible the psychologist and the engineer could meet with labs in different buildings, and it's possible they could develop an idea for collaboration, but it is much less likely to happen. We are only just getting started in our new space, but it is the promise of collaboration that comes from having researchers with varied interests from different disciplines in close proximity to one another, utilizing independent and shared resources that makes TIMES unique. Nowhere else on campus are such diverse colleges and departments represented in close proximity to one another. If faculty remain in their disciplinary silos, then we will have failed in our mission, but we will still have succeeded in creating shared resources which allows the university to support faculty with lower total cost of investment. That is, it is less expensive to have psychology, engineering, biology, and pharmacy faculty working in the same wet lab area in close proximity to ACO and managed by a single entity whose singular interest is to make sure that all faculty are successful, regardless of their departmental or collegiate affiliation than it would be to build separate facilities for each group based on their department or college, or to have a shared facility with no group tasked with managing the facilities. However, it is not our goal simply to provide more cost-effective space management, but to utilize shared space and equipment to catalyze research synergies across disciplines and allow multi-disciplinary research to flourish at UH. This kind of research is not happening in departments to the degree that it is happening at TIMES.

IV. MEASURES OF PARTICIPATION AND PERFORMANCE – FISCAL YEAR FY2017

a. Personnel and Scope

1. Number of tenure-track FTE faculty members: **28**
(Definition of a member: access to center resources and/or grants administered by center and/or space provided by the center but **must** credit split with center)

2. Number of non-tenure-track FTE faculty: **17**
(supported wholly or in part through grants and activities administered through the center)

3. Number of staff: **29 Total =**

18 TIMES Staff (Admin - 7, IT - 3, Data Management – 3, Project/Facilities Mgmt. - 5)

11 Staff Hired in Labs

4. Number students who participated in center research activities where at least 50% of the student effort was center-related: (a) Postdoctoral fellows **9**

(b) Doctoral students **94**

(c) Masters students (graduate students are not broken down within the center and most are students in Ph.D. programs (e.g., Psychology only admits students for the Ph.D., but students earn a Masters in Psychology as part of the program).

(d) Undergraduates **57**

5. Provide a list of all personnel in items 1 to 4; give full name, title, University affiliation, and specific role in the unit.

Below is a table of all 234 individuals listed above. The table is sorted by Faculty (Tenure Track, then Non-Tenure Track), Post Doctoral Fellows, Graduate Students, Undergraduate Students, and Staff. I have provided departmental Affiliations for Faculty and Post-Docs and Staff. I have not provided departmental affiliations for

graduate students as we only know the faculty member / lab to which the student is assigned and do not have a way to track the departmental affiliations of the graduate students, or the majors of the undergraduate students, who may or may not be in the department of the faculty mentor/lab. I have provided roles for staff.

Last Name	First Name	Description	Type	Department
Alfano	Candice	Professor	Faculty - Tenure Track	Psychology
Bick	Johanna	Assistant Professor	Faculty - Tenure Track	Psychology
Cirino	Paul	Associate Professor	Faculty - Tenure Track	Psychology
Fletcher	Jack M.	Cullen Professor	Faculty - Tenure Track	Psychology
Francis	David	Cullen Professor	Faculty - Tenure Track	Psychology
Francis	Joseph T.	Assistant Professor	Faculty - Tenure Track	BME
Gallagher	Matthew	Assistant Professor	Faculty - Tenure Track	Psychology
Grigorenko	Elena	Cullen Professor	Faculty - Tenure Track	Psychology
Hannay	Julia	Professor	Faculty - Tenure Track	Psychology
Hein	Sascha	Assistant Professor	Faculty - Tenure Track	PHLS
Horn	Cathy	Professor	Faculty - Tenure Track	DELPS
Johnsson	Lennart	Cullen Professor	Faculty - Tenure Track	Computer Sci.
Kakadiaris	Ioannis A.	Cullen Professor	Faculty - Tenure Track	Computer Sci.
Kent	Shawn	Assistant Professor	Faculty - Tenure Track	DELPS
Kosten	Therese	Professor	Faculty - Tenure Track	Psychology
Leasure	J. Leigh	Associate Professor	Faculty - Tenure Track	Psychology
Lee	Sunbok	Associate Professor	Faculty - Tenure Track	Psychology
Mehta	Paras	Associate Professor	Faculty - Tenure Track	Psychology
Nice	Nuri	Assistant Professor	Faculty - Tenure Track	BME
Pavlidis	Ioannis	Eckerd Pfeiffer Professor	Faculty - Tenure Track	Computer Sci.
Rea	Michael	Professor	Faculty - Tenure Track	Biology/Bioch.
Santi	Kristi	Associate Professor	Faculty - Tenure Track	DELPS
Sharp	Carla	Professor	Faculty - Tenure Track	Psychology
Tejada-Simon	MariVi	Associate Professor	Faculty - Tenure Track	Pharmacy
Viana	Andres	Assistant Professor	Faculty - Tenure Track	Psychology
Vilalta	Ricardo	Professor	Faculty - Tenure Track	Computer Sci.
Zhang	Yingchun	Assistant Professor	Faculty - Tenure Track	BME
Ziburkus	Jokubas	Associate Professor	Faculty - Tenure Track	Biology/Bioch.
Ahmed	Yusra	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology
Barr	Chris	Research Faculty	Faculty - Non-Tenure Track	Psychology
Benoit	Julia	Research Assistant Professor	Faculty - Non-Tenure Track	Optometry
Carlson	Coleen	Associate Director	Faculty - Non-Tenure Track	Psychology
Davidson	Kevin	SAS Warehouse	Faculty - Non-Tenure Track	Psychology
Haile	Colin	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology
Hart	Lesley	Clinical Associate Professor	Faculty - Non-Tenure Track	Psychology
Keo-Meier	Colton	Non-UH RF	Faculty - Non-Tenure Track	Psychology
Kulesz	Paulina	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology
McIntyre	Teresa	Adjunct Faculty	Faculty - Non-Tenure Track	Psychology
Miciak	Jeremy	Fletcher Group	Faculty - Non-Tenure Track	Psychology
Naumova	Oxana	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology
Price	Dan	Faculty	Faculty - Non-Tenure Track	Honors
Reich	Jodi	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology
Semendeferi	Ioanna	Research Professor	Faculty - Non-Tenure Track	Physics
Taylor	Pat	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology
Tolar	Tammy	Research Assistant Professor	Faculty - Non-Tenure Track	Psychology

Akula	Kiran Kumar	Ziburkus Post Doc	Post Doctoral Fellow	Biology/Bioch.
An	Junmo	JFrancis Postdoctoral Fellow	Post Doctoral Fellow	BME
Chase	Tannah	Gallagher PostDoc	Post Doctoral Fellow	Psychology
Kornilov	Sergey	Post Doctoral Fellow	Post Doctoral Fellow	Psychology
Palmer	Cara	Alfano Post Doctoral Fellow	Post Doctoral Fellow	Psychology
Palo	Amanda	Post Doctoral Fellow	Post Doctoral Fellow	Psychology
Rodgers	Shaefali	Leasure Postdoc	Post Doctoral Fellow	Psychology
Vrigkas	Michalis	CBL Post Doc	Post Doctoral Fellow	Computer Sci.
Xie	Tian	CBL Post Doc	Post Doctoral Fellow	Computer Sci.
Abdulla	Ahmad		Graduate Student	
Aqqa	Miloud		Graduate Student	
Ashton	Dane		Graduate Student	
Atique	Md Moin		Graduate Student	
Barton	Emily		Graduate Student	
Beheshti	Nazaninalsadat		Graduate Student	
Bhandari	Ashish		Graduate Student	
Biekman	Brian		Graduate Student	
Bradley	Kailyn		Graduate Student	
Child	Amanda		Graduate Student	
Chumakova	Maria		Graduate Student	
Cicalese	Pietro		Graduate Student	
Clementi	Michelle		Graduate Student	
D'Souza	Johann		Graduate Student	
DeMaster	Dana		Graduate Student	
Dias	Nicholas		Graduate Student	
Dou	Pengfei		Graduate Student	
Fang	Feng		Graduate Student	
Forouzan	Shadab		Graduate Student	
Geraldo	Edward		Graduate Student	
Gerst	Elyssa		Graduate Student	
Gonzalez	Rogelio		Graduate Student	
Halverson	Kelly		Graduate Student	
Hanna	Abigail		Graduate Student	
Huston-Warren	Emily		Graduate Student	
Jardin	Charles		Graduate Student	
Jiang	Tianxiao		Graduate Student	
Kaku	Heet		Graduate Student	
Khang	Sheng		Graduate Student	
Korycinski	Kristin		Graduate Student	
Kovalenko	Julia		Graduate Student	
Kumar	Jaganth Nivas Asok		Graduate Student	
Kunев	Anna		Graduate Student	
Lacey	William		Graduate Student	
Lau	Simon		Graduate Student	
Le	Ha AnhVu		Graduate Student	
Leavitt	Jacob		Graduate Student	
Leng	Mengjun		Graduate Student	
Li	Rihui		Graduate Student	
Lipschutz	Rebecca		Graduate Student	

Liu	Su	Graduate Student
Liu	Yang	Graduate Student
Long	Laura	Graduate Student
Lopez	Hayle	Graduate Student
MacDonald	Kelly	Graduate Student
Magana	Oman	Graduate Student
Mainul Islam	Mohammad	Graduate Student
Martinez	Caroline	Graduate Student
Maxwell	Emily	Graduate Student
Montier	Laura	Graduate Student
Moore	Brittany	Graduate Student
Naijar	Laian	Graduate Student
Nguyen	Thinh	Graduate Student
Nieto	Steven	Graduate Student
Oldridge	Emily	Graduate Student
Oliveira	Luna	Graduate Student
Ozturk	Musa	Graduate Student
Pawliczek	Anna	Graduate Student
Penner	Francesca	Graduate Student
Perez	Emma C.	Graduate Student
Perry	Matthew	Graduate Student
Potter	Thomas	Graduate Student
Quave	Cana	Graduate Student
Raines	Elizabeth	Graduate Student
Ramos	Aurora	Graduate Student
Rawat	Nitisha	Graduate Student
Rey	Erica	Graduate Student
Reynolds	Katie	Graduate Student
Richardson	Angela	Graduate Student
Rifai	Mouad	Graduate Student
Roja	Boris Issac Penaloza	Graduate Student
Sanchez	Marlyn	Graduate Student
SarafianosA	Nikolaos	Graduate Student
Sarwar	Saira	Graduate Student
Schuller	Kyle	Graduate Student
So	Christin	Graduate Student
Sumlin	Eric	Graduate Student
Tan	Mei	Graduate Student
Telkes	Ilknur	Graduate Student
Torres	Stephanie	Graduate Student
VanWoerden	Salome	Graduate Student
Walker	Kyran	Graduate Student
Wall	Kiana	Graduate Student
Weiss	Suzanne	Graduate Student
West	Rebecca	Graduate Student
Wooden	Jessica	Graduate Student
Woodward	Emma	Graduate Student
Wu	Yuhang	Graduate Student
Xu	Xiang	Graduate Student

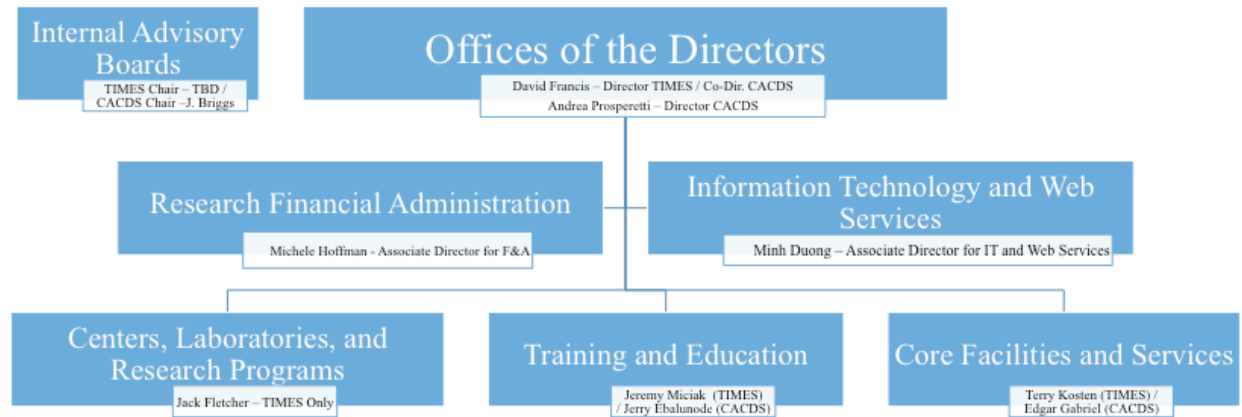
Yadav	Taruna	Graduate Student
Zare	Mahshid Hosseini	Graduate Student
Zhang	Chuan	Graduate Student
Zhang	Linfeng	Graduate Student
Zhukova	Marina	Graduate Student
Alismail	Wala	Undergraduate Student
Anab	Samantha	Undergraduate Student
Arredondo	Elizabeth	Undergraduate Student
Barger	Katy	Undergraduate Student
Bower	Joanne	Undergraduate Student
Brown	Brittany	Undergraduate Student
Catalani	Mischa	Undergraduate Student
Chamberlain	Jacqueline	Undergraduate Student
Cowie	Jennifer	Undergraduate Student
Cunningham-Erdogdu	Pelin	Undergraduate Student
Gardiner	Briana	Undergraduate Student
Gates	Victoria	Undergraduate Student
Gibbins	Darby	Undergraduate Student
Glover	Nina	Undergraduate Student
Godinez	Estrella	Undergraduate Student
Graves	Miana	Undergraduate Student
Grimsinger	Isabel	Undergraduate Student
Hargwig	Elizabeth	Undergraduate Student
Hassell	Samuel	Undergraduate Student
Hernandez	Sarah	Undergraduate Student
Hocking	Coralanne	Undergraduate Student
Johnson	Nathan	Undergraduate Student
Jones	Jenna	Undergraduate Student
Kahla	Julia	Undergraduate Student
Khan	Ali	Undergraduate Student
Kratovic	Layla	Undergraduate Student
McLaren	Veronica	Undergraduate Student
Meers	Jessica	Undergraduate Student
Meir	Priel	Undergraduate Student
Memariani	Ali	Undergraduate Student
Mercado	Darlene	Undergraduate Student
Monim	Ramsha	Undergraduate Student
Najm	Julia	Undergraduate Student
Nelapati	Shimei	Undergraduate Student
Neycheril	Rhea	Undergraduate Student
Nguyen	Mimi	Undergraduate Student
Nguyen	Teresa	Undergraduate Student
Ojeniyi	Yewande	Undergraduate Student
Padilla	Jolene	Undergraduate Student
Phetmisy	Cassandra	Undergraduate Student
Powell	Simon	Undergraduate Student
Ramos	Catherine	Undergraduate Student
Reddy	Nisha	Undergraduate Student
Sanchez	Sergio	Undergraduate Student

Shi	Lei		Undergraduate Student	
Short	Marshall		Undergraduate Student	
Smallis	Christos		Undergraduate Student	
Srikanth	Kishan		Undergraduate Student	
Tesfaye	Lydia		Undergraduate Student	
Thomas	Christina		Undergraduate Student	
Tran	Adrienne		Undergraduate Student	
Tran	Hoang		Undergraduate Student	
Tran	Tiffany		Undergraduate Student	
Wasmuth	Samuel		Undergraduate Student	
Wilson	Amanda		Undergraduate Student	
Wu	Lydia		Undergraduate Student	
Yuen	Joanna		Undergraduate Student	
Boedeker	Phillip		Lab Staff	BTI
Clement	Kevin		Lab Staff	BTI
Dwyer	Barbara		Lab Staff	BTI
Hernandez	Yessenia		Lab Staff	BTI
Konstantinidis	Ioannis		Lab Staff	BTI
Kotis	Konstantinos		Lab Staff	CBL
McPherson	Rosalva		Lab Staff	FLETCHER
Mendoza	Vanessa		Lab Staff	FLETCHER
Petes	Amy		Lab Staff	PSYCHOLOGY
Spilotopoulos	Dimitrios		Lab Staff	BTI
Stahl	Cheri		Lab Staff	HGL
Alexander	Jeremy	IT	TIMES Staff	TIMES
Anderson	Martin	IT	TIMES Staff	TIMES
Barcen	Griselda	Project Manager	TIMES Staff	TIMES
Duong	Minh	IT	TIMES Staff	TIMES
Garcia	Henry	Data Manager	TIMES Staff	TIMES
Gill	Bertha	Admin	TIMES Staff	TIMES
Hernandez	Maria	Project Manager	TIMES Staff	TIMES
Hernandez	Virginia	Admin	TIMES Staff	TIMES
Hoffman	Michele	Admin	TIMES Staff	TIMES
Leal	Frances	Project Manager	TIMES Staff	TIMES
Lozano	Helen	Admin	TIMES Staff	TIMES
Nguyen	Thanh	Data Manager	TIMES Staff	TIMES
Nieser	Ken	Project Manager	TIMES Staff	TIMES
Nisar	Fauzia	Admin	TIMES Staff	TIMES
Vargas	Adilia	Admin	TIMES Staff	TIMES
Vigilla	Laudemer	Data Manager	TIMES Staff	TIMES
Vo	Taylor	Admin	TIMES Staff	TIMES
Winoske	Kevin	Shared Lab Manager	TIMES Staff	TIMES

6. Provide a current organizational chart (include advisory board/committee if applicable).

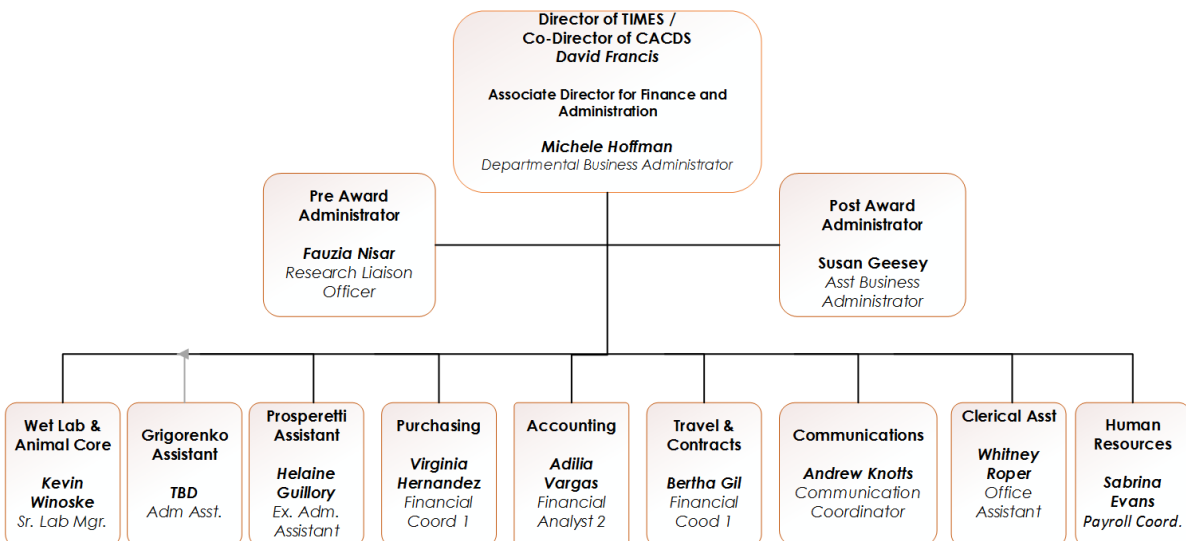
Below is the TIMES Organizational Chart, which is a joint organizational Chart for TIMES and CACDS, because the administrative structure of TIMES is shared across TIMES and CACDS.

TIMES / CACDS Joint Organizational Chart



Below we provide an organizational chart for the Research Financial Administrative Services component of the organizational chart. The group provides services to TIMES, CACDS, AMI, and TORC. The group existed within TIMES and then TIMES and CACDS merged their administrative groups in 2015. In the Chart below, Helaine Guillory is exclusively under CACDS as Dr. Propseretti's Executive Administrative Assistant. Susan Geesey was the DBA for CACDS, Virginia was the HR manager for CACDS, Andrew Knotts headed up Communications, and Whitney Roper was a student communications assistant prior to the merger into a single administrative group. Michele Hoffman, Adilia Vargas, Bertha Gill, Fauzia Nisar, Minh Duong, the individual who was replaced by Sabrina Evans, and Kevin Winoske were members of the TIMES administrative infrastructure prior to the merger.

TIMES/CACDS/AMI/TORC Research Financial Administration (Summer 2016)



UNIVERSITY of
HOUSTON
CENTER FOR ADVANCED COMPUTING & DATA SYSTEMS

Internal Advisory Board for TIMES 2017

Member Name	College	Department	
Bond, Richard	Pharmacy	Pharm. And Pharmaceut. Sciences	
Frishman, Laura	Optometry		
Harold, Michael	Engineering	Chemical Engineering	
Horn, Cathy	Education	Ed. Leadership and Policy Studies	TIMES Member
Grigorenko, Elena	CLASS	Psychology	TIMES Member
Price, Dan	Honors	Dean of the Honors College	TIMES Member
Subhlok, Jaspal	NSM	Computer Science	

	Ex Officio		Serving As
TBN	NSM	Biology/Biochemistry	Delegate VP/VC for Research
Fletcher, Jack	CLASS	Psychology	TIMES, Assoc. Dir., Research
Hoffman, Michele		TIMES	TIMES, Assoc. Dir. Fin. Svc.
Kosten, Terry	CLASS	Psychology	TIMES, Sci. Dir., ABC
Prosperetti, Andrea	Engineering	Mechanical Engineering	CACDS, Director

7. Provide a list of outside agencies or entities with which this center/institute interacted and specify the nature of the interaction.

We have interacted with Aid to Victims of Domestic Abuse (AVDA), Small Steps Preschool Program, DHS, NICHD, NSF, and IES, as governmental/not-for-profit funders of research activities at TIMES. We have not engaged in any lobbying activities. As faculty, we have interacted with numerous professional societies, and served on various advisory boards, including grant review panles, of not-for-profit and governmental agencies, such as IES and NICHD, as well as the National Research Council.

b. Financial support (funds received during FY2017)

- | | |
|---|--------------------------|
| 1. State appropriations through the DOR: | \$551,066 |
| 2. Total external support from grants and contracts: | \$7,726,368 ¹ |
| 3. IDC returned to TIMES: | \$364,394 ² |
| 4. All other support from the DOR and the UH Administration (e.g., cost sharing, patent & licensing revenue, University allocations, administrative commitments, salary): | |

¹ This number reflects funds expended on grants in FY17. Total grant support exceeds this number, but is somewhat meaningless as a measure of annual support because grant funds must expended on grant activities and must be expended over the grant year, not the fiscal year.

² This number does not include \$115,374 of distributed IDC that was credited to TIMES, but returned from TIMES IDC to BTI. In FY17, \$40,000 of the funds sent from DOR to BTI was paid to TIMES to support administrative operations as reflected in number 4.

Administrative Costs Paid by BTI from DOR Support	\$40,000
Administrative Costs Paid by CACDS from DOR Support	\$250,000
Administrative Costs Paid by TORC from DOR Support	\$50,000
Administrative Costs Paid by AMI from DOR Support	\$0
Residual Accounts	\$226,605
5. Total gifts to the unit: Chair, Residual, and New Gifts	\$515,901
6. Total of all support:	\$9,724,334
7. Is current funding of the unit sufficient to continue its operations (give specific details)?	

Our base funding allows us to maintain operations, but we are very dependent on IDC generation and recovery, and on grants and contracts. Our level of funding is insufficient to expand services so that we could provide more support to the university community at large who are not in a position to pay for statistical support, data management or data warehousing, to offer free workshops on statistical techniques, or to provide new investigators with access to the Animal Behavior Core through TIMES funded seeded grants. If we had sufficient funding to pick up the equivalent of 1.0 FTE of statistical support, and/or data management support, and/or to create a seed grant program for junior faculty, we could open up more service lines to the greater university community. We are also looking at ways to monetize the support that we are offering to academic departments and colleges on electronic reporting of cost centers used in reconciliation.

TIMES annual cost of operations (non-grant expenditures to pay administrative salaries, infrastructure supports, software, etc.) is approximately \$1.2M. These costs have been reasonably stable since moving to HBSB1. For recent years, DOR has provided \$550,000 in direct support per year, and TIMES has had to cover the difference through recovered IDC, direct grant support for administrative personnel, such as IT support staff providing services to specific grants, and through negotiated agreements with other centers to cover percentages of administrative salaries through their DOR allocations and recovered IDC. We have been told that our state appropriation will be reduced by 33% in FY2019, although the exact number is still under discussion. So far, we have been able to make up the difference between administrative costs and direct support from the university through IDC returned to TIMES and through the negotiated support from CACDS, and TORC, and from BTI. Negotiating support from BTI is made necessary because of the DOR agreement with BTI to return 90% of IDC generated directly to BTI, with DOR retaining 10% and TIMES receiving 0%. As necessary, we have used residual funds, including funds in royalty and gift accounts, to ensure that operations continue.

It is difficult to say what will happen in FY19 when direct support to TIMES and CACDS are reduced, and TORC receives no direct support from DOR. While these reductions are happening, BTI operations are expected to get increasingly larger, but without a concomitant increase in IDC recovery by TIMES from those activities. I suspect we will find a way to make things work by reducing costs and eliminating some services, but the precise course of action cannot be determined until our budget and the budgets of the other groups are clearer. In the long run, the current model is unsustainable because the present funding model violates the fundamental principles of running an effective business operation, namely, alignment of revenues and costs. The principle is really quite simple and has been used effectively by the TIMES Director to grow both TIMES and the Department of Psychology, when he served as Chair from 2002-2014. Namely, revenues must follow the costs of operations; if one passes on the costs of doing work to a business unit, one must also pass on the revenue from the operations that generate those costs. Likewise, if one passes on the revenues from operations, one must also pass on the costs of those operations. Revenues can be taxed and costs can be underwritten, but without alignment of these opposing forces and recognition when the alignment is too far out of balance, the unit receiving the costs and the unit receiving the revenue will both fail.

Presently, CACDS and TORC are contributing to the cost of administrative operations proportional to their portion of the TIMES administrative workload. BTI and AMI are underpaying, significantly, but without DOR intercession this imbalance will not change. This underpayment comes from the failure to align costs and

revenues. Consider the fact that AMI receives an amount of direct annual support from DOR roughly equal to the amount received by TIMES (\$500,000), and with that support they have no responsibility to pay any of the associated costs of running AMI as a business unit within the university.

If AMI ran its own business operations and was highly efficient in doing so, it is unlikely that the costs would be less than 10% of expenditures. In fact, the cost of running a stand-alone administration is almost certainly in excess of \$150,000 because a stand-alone unit requires at least three individuals to process transactions – a DBA to approve purchases, a purchaser, and someone to reconcile the purchases. We can show that it is more cost effective to the university and more efficient to AMI to have TIMES serve as its administration than for AMI to run its own, stand-alone administration. In fact, the cost for TIMES to administer AMI is about \$50,000 per year in associated personnel costs, which would be very hard to match in a stand-alone administration.

Presently, BTI pays a bit less than one half of what it costs to manage them using either of two methods to compute administrative costs. We will negotiate with DOR to have all of the units being managed by TIMES to pay administrative costs at a comparable ratio to their expenditures, or as a percentage of the total TIMES transactions that their activities comprise. Achieving greater equity across units in paying the costs of management could take on several forms, including allocating more of the administrative work to staff in the other centers, requiring the other centers to provide more financial support to TIMES administrative units, or having DOR augment their support to BTI with non-IDC funds so that the IDC currently routed to BTI can flow to TIMES to support the administrative operations that are necessary for BTI to function, while BTI receives the support that the university committed to it in the grant application.

At the same time, we will continue to write more, large grants to generate revenue from IDC. If TIMES received half of the IDC returned to generating units from the grants and contracts that it manages as well as from those grants in which TIMES investigators are involved that are not managed by TIMES, the system would continue to function, provided that those other groups to whom TIMES provides administrative support also covered their proportion of the costs of administration. It is unlikely that TIMES could support the administrative operations of the other centers based solely on the IDC returned to TIMES from TIMES' grants, but neither is it clear why that should be expected.

8. What would be the minimum level of DOR support below, which the unit cannot function and would be phased out?

This number is unknown and depends entirely on our success in writing grants, managing costs, and identifying new revenue streams. We operated for many years at the outset of our existence without direct annual support from the university, but only returns from IDC. It is very difficult to sustain operations on IDC alone, when IDC from grants is distributed across many units and taxed centrally. It requires many large grants and very efficient operations. The biggest variable in our ability to operate with lower levels of support is our success in writing grants, which varies from year to year. Our ability to operate at lower levels of support also depends on policies and decisions that affect the return of IDC to the generating units. We are confident in our ability to manage our costs, build ways to operate more efficiently each year, and identifying new streams of revenue. So, we will deal with our budget whatever it is, but we do feel that our success merits support from the university beyond IDC recovery.

c. Contracts and grants to the unit (must involve credit split; include entire amount of award) for FY 2017 only

1. Number of proposals submitted (and total funds requested)

i. Federal:	35	\$32,831,998
ii. State:	7	\$872,096
iii. Industrial:	3	\$52,000
iv. Foundations:	1	\$1,781
v. Other:	1	\$77,410

2. Number of external awards received; must be verifiable through PS

- i. Federal: 10
- ii. State: 1
- iii. Industrial: 2
- iv. Other: 2

3. Dollar amount of external awards received (including IDC recovered; indicate start date and duration); must be verifiable through PS

The information presented in the table below is for any new awards made during the fiscal year, and does not reflect awards for the same grant that might have been made in the prior fiscal year where funds were expended in the current fiscal year. Because grant start and end dates do not honor fiscal year boundaries, a single grant may have been awarded in a prior year, but have expenditures from two different awards in the reporting year. The amounts reported here are only for awards made in the fiscal year and does not include funds from awards carrying forward from the prior fiscal year.

Please note, IDC is not recovered on grants until the year after a grant is awarded and expenditures processed. Start dates on grants are unique to each grant. It is impossible to report start dates in an aggregate table like the one requested. IDC recovered in FY17 is reported for all grants involving TIMES faculty. This number was taken from tables provided by DOR on the DOR website, and reflects grants managed by TIMES and grants managed by other units that have credit splits to TIMES because of involvement of TIMES faculty. Presently, these figures do not reflect IDC returned on grants from three faculty members in BME (viz., J. Francis, N. Ince, and Y. Zhang) who are members of TIMES, with labs in HBSB1. The conditions governing the membership of these faculty in TIMES took approximately 18 months to negotiate, and was ultimately resolved satisfactorily last summer, but no portion of the IDC from their grants has yet been credited to TIMES.

NEW AWARDS IN FY2017

- i. Federal: \$5,555,407
- ii. State: \$125,000
- iii. Industrial: \$52,000
- iv. Other: \$86,096

IDC RECOVERED IN FY2017

- v. IDC Recovered in 2017 \$1,873,558
- vi. TIMES Share of IDC Recovered \$1,015,223
- vii. IDC Returned to TIMES \$407,087

The numbers in the table above for Recovered IDC include IDC from all TIMES grant activity, including BTI activities, and grants in which TIMES faculty are participating. Thus, these numbers include grants managed by TIMES and grants managed in other departments that involve TIMES faculty. I show here an estimate of the total recovered at the institution, the recovered amount that is credited to TIMES based on the DOR IDC Detail Spreadsheet, and that portion of the amount returned that was returned to TIMES, which is also taken from the DOR 2018 report based on 2017 recovery.

4. Provide a table listing the title, PI, sponsor, start and end dates, amount of funding, and indirect cost (IDC) recovered for each award, new or ongoing, supported in FY2017. Identify specifically any multi-PI interdisciplinary awards

The following tables show individual awards for TIMES for 2017. The table shows the PI, Sponsor, and Awarded Amounts. IDC Recovery follows in the subsequent year and is not reported in these tables. IDC Recovery was reported in preceding tables, keeping in mind that IDC recovered in 2017 is based on expenditures in 2016, and expenditures in 2017 will be recovered in 2018. Depending on when projects begin in the year in which they are awarded, IDC recovery varies in any given year and does not match the proposed IDC for that grant year (i.e., reporting of expenditures and IDC recovery is tied to fiscal year expenditures in

the preceding year, but the budget for expenditures and IDC is tied to grant years, which almost always span multiple fiscal years). Thus, we find the reporting of IDC recovery in the year by project useful for accounting, but not for reporting or planning. More valuable are the above tables, which show IDC activity across grants based on expenditures during the fiscal year, and thus the amount of funding recovered by the university and returned to the generating units in the following fiscal year.

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The table below lists only new awards in 2017:

Start	End	Title	Agency Type	Agency	PI Last	Total Request	DC Request	IDC Request
9/1/16	09/30/17	Peer Facilities VISN Contract FY 16-17	Federal	VA	Mehta	\$27,809	\$27,809	\$-
12/01/16	05/31/18	From Genomics to Brain Science: What Makes Researchers Tick in Transdisciplinary Initiatives	Federal	NSF	Pavlidis	\$60,409	\$40,139	\$20,270
09/01/16	12/31/17	Alcohol and Substance Abuse Consortium Award	Federal	DOD/	Haile	\$194,283	\$129,092	\$65,191
8/16/16	12/31/17	Severe LD in Juvenile Delinquents: Presentation, Course, and Remediation	Federal	NIH/Baylor	Naumova	\$249,325	\$164,752	\$84,573
9/1/16	7/31/21	CHS: Medium: Collaborative Research: Managing stress in the workplace: Unobtrusive monitoring and adaptive interventions	Federal	NSF	Pavlidis	\$380,000	\$117,441	\$262,559
1/12/17	06/30/20	Cognitive and Linguistic Mediators of Response to Intensive Interventions in Reading for English Learners At-Risk for Learning Disabilities	Federal	IES	Miciak	\$391,047	\$362,081	\$28,966
8/31/17	08/30/19	Application of explanatory item response models to understand influence of reader-text interactions on reading comprehension and reading intervention effects	Federal	IES	Francis/Kulesz	\$600,000	\$398,713	\$201,287
8/1/17	11/30/21	Differentiating First Language Loss from Language Impairment in Bilingual Children	Federal	NIH	Castilla-Earl	\$852,544	\$789,393	\$63,151
05/01/17	08/31/20	Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	Federal	IES	Grigorenko	\$1,399,991	\$1,203,585	\$196,406
8/31/17	8/30/21	Improving the accuracy of academic vocabulary assessment for English language learners	Federal	IES	Francis	\$1,399,999	\$930,232	\$469,767
04/15/17	12/31/17	INTRODUCTION TO MACHINE LEARNING AND APPLICATIONS	Industrial	Halliburton	Rondon	\$2,000	\$2,000	\$-
04/15/17	12/31/17 7	RESIDUAL DATA CURATION AND ANALYTICS FOR THE TOYOTA DATASETS	Industrial	TTI	Pavlidis	\$50,000	\$38,169	\$11,831
08/31/17	7/31/17	Reconstructive surgery resident stress while learning novel microsurgical task	Other	Methodist	Pavlidis	\$8,686	\$8,686	\$-
07/01/17	04/30/18	SMALL STEPS EXTERNAL EVALUATION	Other	Small Steps Nurturing Center	Carlson	\$77,410	\$59,092	\$18,318
07/01/17	2/28/17	Texas Center for Learning Disabilities Intervention Project	State	TEA	Fletcher	\$125,000	\$116,801	\$8,199

The Table below lists all active grants during Fiscal Year 2017 that involved a TIMES faculty member, regardless of whether or not the grant was being managed by TIMES. TIMES managed grants are assigned to department H0288. The table includes the requested information for start and end dates, the faculty member(s) involved, and the amounts of the award and the FA split across units in the university for faculty assigning credit to one or more units in the university.

AWARD_TITLE	BEGIN	END	SPONSOR_TYPE	FLOW THROU GH	CREDIT_INVESTIGA TOR	PI	CREDIT_DEPT	SPLIT	PROJECTED AWARD	TOTAL POSTED BUDGET
SMALL STEPS EXTERNAL EVALUATION	05/01/2017	04/30/2018	Private Non Profit Sponsor		Carlson,Coleen	Y	TIMES	80.0	77410.00	73777.00
SMALL STEPS EXTERNAL EVALUATION	05/01/2017	04/30/2018	Private Non Profit Sponsor		Carlson,Coleen	N	PSYCHOLOGY	20.0	77410.00	73777.00
RESIDUAL DATA CURATION AND ANALYTICS FOR THE TOYOTA DATASETS	04/15/2017	12/31/2017	State Sponsor - Institute /Uni		Pavlidis,Ioannis T	Y	TIMES	50.0	50000.00	50000.00
RESIDUAL DATA CURATION AND ANALYTICS FOR THE TOYOTA DATASETS	04/15/2017	12/31/2017	State Sponsor - Institute /Uni		Pavlidis,Ioannis T	N	COMPUTER SCIENCE	50.0	50000.00	50000.00
THERMAL RESPONSE METRICS FOR INSIDER THREAT DETECTION	07/01/2017	03/21/2018	University/ Institute	Federal	Pavlidis,Ioannis T	Y	TIMES	50.0	200000.00	66445.00
THERMAL RESPONSE METRICS FOR INSIDER THREAT DETECTION	07/01/2017	03/21/2018	University/ Institute	Federal	Pavlidis,Ioannis T	N	COMPUTER SCIENCE	50.0	200000.00	66445.00
Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12	07/01/2010	06/30/2018	State Sponsor - Institute /Uni	Federal	Fletcher,Jack	N	PSYCHOLOGY	5.0	2787247.00	2787247.00
Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12	07/01/2010	06/30/2018	State Sponsor - Institute /Uni	Federal	Francis,David J	Y	TIMES	45.0	2787247.00	2787247.00
Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12	07/01/2010	06/30/2018	State Sponsor - Institute /Uni	Federal	Francis,David J	N	PSYCHOLOGY	10.0	2787247.00	2787247.00
Understanding Malleable Cognitive Processes and Integrated Comprehension Interventions for Grades 7-12	07/01/2010	06/30/2018	State Sponsor - Institute /Uni	Federal	Fletcher,Jack	N	TIMES	40.0	2787247.00	2787247.00
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	Y	TIMES	60.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	CACDS	10.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	PSYCHOLOGY	30.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	PSYCHOLOGY	30.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	Y	TIMES	60.0	246571.96	246571.96

A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	CACDS	10.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	PSYCHOLOGY	20.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	Y	TIMES	80.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	Y	TIMES	80.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	PSYCHOLOGY	20.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	N	PSYCHOLOGY	20.0	246571.96	246571.96
A Follow-up of Children Enrolled in the Management of Myelomeningocele Study	08/01/2011	06/30/2017	University/ Institute	Federal	Fletcher,Jack	Y	TIMES	80.0	246571.96	246571.96
Scale-up Evaluation of Reading Intervention for First Grade English Learners	08/01/2011	07/31/2017	Federal		Francis,David J	N	PSYCHOLOGY	10.0	5201997.00	5201997.00
Scale-up Evaluation of Reading Intervention for First Grade English Learners	08/01/2011	07/31/2017	Federal		Carlson,Coleen	N	TIMES	40.0	5201997.00	5201997.00
Scale-up Evaluation of Reading Intervention for First Grade English Learners	08/01/2011	07/31/2017	Federal		Carlson,Coleen	N	PSYCHOLOGY	10.0	5201997.00	5201997.00
Scale-up Evaluation of Reading Intervention for First Grade English Learners	08/01/2011	07/31/2017	Federal		Francis,David J	Y	TIMES	40.0	5201997.00	5201997.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		Rifai,Hanadi S	N	CIVIL ENGINEERING TX OBESITY RESEARCH CENTER	9.5	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		Layne,Charles	N	TX OBESITY RESEARCH CENTER	6.0	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		Ledoux,Tracey A	N	TX OBESITY RESEARCH CENTER	8.5	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		Carlson,Coleen	N	TIMES	24.0	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		Carlson,Coleen	N	PSYCHOLOGY CHILD & FAMILY CENTER	6.0	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		Kao,Dennis T	N	TX OBESITY RESEARCH CENTER	1.0	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal		O'Connor,Daniel	Y	TX OBESITY RESEARCH CENTER	45.0	4245862.00	4245862.00

Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal	Ledoux,Tracey A	N	TX OBESITY RESEARCH CENTER	9.0	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal	Carlson,Coleen	N	TIMES TX OBESITY RESEARCH CENTER	29.0	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal	O'Connor,Daniel	Y	TIMES TX OBESITY RESEARCH CENTER	47.5	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal	Carlson,Coleen	N	PSYCHOLOGY TX OBESITY RESEARCH CENTER	8.5	4245862.00	4245862.00
Best Evaluation Tools & Techniques for Effective Recommendations for Policies (BETTER Policy Decisions)	09/29/2011	09/29/2016	Federal	Layne,Charles	N	PSYCHOLOGY TX OBESITY RESEARCH CENTER	6.0	4245862.00	4245862.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal	Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00

Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	PSYCHOLOGY	3.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Cirino,Paul	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	TIMES	12.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	N	PSYCHOLOGY	25.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	Y	TIMES	45.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Fletcher,Jack	N	PSYCHOLOGY	54.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	PSYCHOLOGY	9.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	TIMES	32.0	9096816.00	9096816.00
Learning Disabilities Research Center	12/01/2011	11/30/2017	Federal		Francis,David J	N	CACDS	5.0	9096816.00	9096816.00
Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers	09/17/2012	08/31/2017	University/ Institute	Federal	Barr,Christopher D	N	PSYCHOLOGY	20.0	317157.00	317157.00
Developing instructional approaches suited to the cognitive and motivational needs of struggling adult readers	09/17/2012	08/31/2017	University/ Institute	Federal	Barr,Christopher D	Y	TIMES	80.0	317157.00	317157.00
The Autism Impact Measure: A New Tool for Treatment Outcome Measurement	09/13/2013	07/31/2017	University/ Institute	Federal	Carlson,Coleen	N	PSYCHOLOGY	20.0	734919.00	734919.00

The Autism Impact Measure: A New Tool for Treatment Outcome Measurement	09/13/2013	07/31/2017	University/ Institute	Federal	Carlson,Coleen	Y	TIMES	80.0	734919.00	734919.00
Toyota Economic Loss Settlement Safety Research	01/17/2014	12/31/2016	State Sponsor - Institute /Uni	Private Profit Sponso r	Pavlidis,Ioannis T	Y	TIMES	50.0	563809.47	563809.47
Toyota Economic Loss Settlement Safety Research	01/17/2014	12/31/2016	State Sponsor - Institute /Uni	Private Profit Sponso r	Pavlidis,Ioannis T	N	COMPUTER SCIENCE PSYCH, HLTH & LEARNING SCIENCE	50.0	563809.47	563809.47
Predictors of Growth in Algebra Achievement in Adolescents	09/01/2013	05/31/2017	Federal		Tolar,Tammy	Y	SCIENCE	50.0	737525.00	724574.00
Predictors of Growth in Algebra Achievement in Adolescents	09/01/2013	05/31/2017	Federal		Tolar,Tammy	N	TIMES PSYCH, HLTH & LEARNING SCIENCE	50.0	737525.00	724574.00
Predictors of Growth in Algebra Achievement in Adolescents	09/01/2013	05/31/2017	Federal		Tolar,Tammy	Y	SCIENCE	50.0	737525.00	724574.00
Predictors of Growth in Algebra Achievement in Adolescents	09/01/2013	05/31/2017	Federal		Tolar,Tammy	N	TIMES	50.0	737525.00	724574.00
Testing Gene-Testosterone Interplay in Adolescent Alcohol Use	09/05/2014	06/30/2017	State Sponsor - Institute /Uni	Federal	Tackett,Jennifer L	N	PSYCHOLOGY	20.0	52024.00	50027.96
Testing Gene-Testosterone Interplay in Adolescent Alcohol Use	09/05/2014	06/30/2017	State Sponsor - Institute /Uni	Federal	Tackett,Jennifer L	Y	TIMES	80.0	52024.00	50027.96
TPRI & Tejas LEE Print, Distribution and Development	09/01/2013	08/31/2017	State Sponsor - Institute /Uni	State Sponso r - Agency	Carlson,Coleen	N	PSYCHOLOGY	20.0	385232.91	385232.91
TPRI & Tejas LEE Print, Distribution and Development	09/01/2013	08/31/2017	State Sponsor - Institute /Uni	State Sponso r - Agency	Carlson,Coleen	Y	TIMES	80.0	385232.91	385232.91
TPRI & Tejas LEE Print, Distribution and Development	09/01/2013	08/31/2017	State Sponsor - Institute /Uni	State Sponso r - Agency	Carlson,Coleen	Y	TIMES	80.0	385232.91	385232.91
TPRI & Tejas LEE Print, Distribution and Development	09/01/2013	08/31/2017	State Sponsor - Institute /Uni	State Sponso r - Agency	Carlson,Coleen	N	PSYCHOLOGY	20.0	385232.91	385232.91
TPRI & Tejas LEE Print, Distribution and Development	09/01/2013	08/31/2017	State Sponsor - Institute /Uni	State Sponso r - Agency	Carlson,Coleen	Y	TIMES	80.0	385232.91	385232.91
TPRI & Tejas LEE Print, Distribution and Development	09/01/2013	08/31/2017	State Sponsor - Institute /Uni	State Sponso r - Agency	Carlson,Coleen	N	PSYCHOLOGY	20.0	385232.91	385232.91

Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Freiberg,Harvey Jerome	Y	CONSISTENCY MGMT & COOP DISCIP	71.0	2320861.98	2320861.80
Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Francis,David J	N	PSYCHOLOGY	2.0	2320861.98	2320861.80
Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Francis,David J	N	TIMES	7.0	2320861.98	2320861.80
Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Carlson,Coleen	N	TIMES	16.0	2320861.98	2320861.80
Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Carlson,Coleen	N	PSYCHOLOGY	4.0	2320861.98	2320861.80
Continuation of Computational Cancer Biomedicine Training Program (Dr. Sanat Kumar Upadhyay) Postdoctoral Fellowship - Zebrafish as a novel model to investigate tissues specific metastasis	03/01/2014	05/30/2017	State Sponsor - Agency	State Sponsor - Agency Briggs,James M	Y	BIOLOGY & BIOCHEMISTRY	100.0	1590331.46	1590331.46
Continuation of Computational Cancer Biomedicine Training Program (Dr. Sanat Kumar Upadhyay) Postdoctoral Fellowship - Zebrafish as a novel model to investigate tissues specific metastasis	03/01/2014	05/30/2017	State Sponsor - Agency	State Sponsor - Agency Briggs,James M	Y	BIOLOGY & BIOCHEMISTRY	100.0	1590331.46	1590331.46
Continuation of Computational Cancer Biomedicine Training Program (Dr. Sanat Kumar Upadhyay) Postdoctoral Fellowship - Zebrafish as a novel model to investigate tissues specific metastasis	03/01/2014	05/30/2017	State Sponsor - Agency	State Sponsor - Agency Gustafsson,Jan-Ake	N	CTR FOR NUCLEAR REC&CELL SIGN	50.0	1590331.46	1590331.46
Continuation of Computational Cancer Biomedicine Training Program (Dr. Sanat Kumar Upadhyay) Postdoctoral Fellowship - Zebrafish as a novel model to investigate tissues specific metastasis	03/01/2014	05/30/2017	State Sponsor - Agency	State Sponsor - Agency Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	25.0	1590331.46	1590331.46
Continuation of Computational Cancer Biomedicine Training Program (Dr. Sanat Kumar Upadhyay) Postdoctoral Fellowship - Zebrafish as a novel model to investigate tissues specific metastasis	03/01/2014	05/30/2017	State Sponsor - Agency	State Sponsor - Agency Kakadiaris,Ioannis A.	Y	TIMES CURRICULUM AND INSTRUCTION	25.0	1590331.46	1590331.46
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Santi,Kristi L	N		5.0	57800.00	57800.00

UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Horn,Catherine Lynn	N	PSYCH, HLTH & LEARNING SCIENCE	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Burridge,Andrea Backscheid	N	PSYCH, HLTH & LEARNING SCIENCE	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Hawkins,Jacqueline McLean	Y	DEAN, EDUCATION	45.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	McQuillin,Samuel D	N	PSYCH, HLTH & LEARNING SCIENCE	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Tolar,Tammy	N	PSYCH, HLTH & LEARNING SCIENCE	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Francis,David J	N	TIMES DEAN,	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	McPherson,Robert Harlan	N	EDUCATION CURRICULUM AND	10.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Lee,Mimi Miyoung	N	INSTRUCTION CURRICULUM AND	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	White,Cathryn Walker	N	INSTRUCTION PSYCH, HLTH & LEARNING	5.0	57800.00	57800.00
UH- A+ UP	06/01/2014	08/31/2017	Private Non Profit Sponsor	Jones,Sara Jolly	N	SCIENCE	5.0	57800.00	57800.00
TIMES: Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Francis,David J	N	TIMES	50.0	1175992.20	1175992.20
TIMES: Consistency Management & Cooperative Discipline (CMCD): An Efficacy Trial with Students in Third and Fourth Grade Urban Schools	07/01/2014	06/30/2017	Federal	Carlson,Coleen	Y	TIMES	50.0	1175992.20	1175992.20
CHARACTERIZATION OF PSYCHOLOGICAL RISK, OVERLAP WITH PHYSICAL HEALTH, AND ASSOCIATED PERFORMANCE IN ISOLATED, CONFINED, EXTREME (ICE) ENVIRONMENTS	11/13/2014	11/12/2017	Federal	Simpson,Richard J	N	HEALTH AND HUMAN PERFORMANC E	40.0	916446.00	916446.00
CHARACTERIZATION OF PSYCHOLOGICAL RISK, OVERLAP WITH PHYSICAL HEALTH, AND ASSOCIATED PERFORMANCE IN ISOLATED, CONFINED, EXTREME (ICE) ENVIRONMENTS	11/13/2014	11/12/2017	Federal	Alfano,Candice A	N	PSYCHOLOGY	18.0	916446.00	916446.00
CHARACTERIZATION OF PSYCHOLOGICAL RISK, OVERLAP WITH PHYSICAL HEALTH, AND ASSOCIATED PERFORMANCE IN ISOLATED, CONFINED, EXTREME (ICE) ENVIRONMENTS	11/13/2014	11/12/2017	Federal	Alfano,Candice A	Y	TIMES	42.0	916446.00	916446.00
Target Validation Core Rats	10/28/2014	08/31/2017	Federal	Kosten,Therese A	Y	PSYCHOLOGY	50.0	698302.00	698302.00
Target Validation Core Rats	10/28/2014	08/31/2017	Federal University/	Kosten,Therese A	N	TIMES	50.0	698302.00	698302.00
Reading Achievement Multi-Component Program (RAMP-UP)	09/01/2014	08/31/2017	Institute Federal	Barr,Christopher D	N	PSYCHOLOGY	20.0	202434.00	181450.54

Reading Achievement Multi-Component Program (RAMP-UP)	09/01/2014	08/31/2017	University/ Institute	Federal	Barr,Christopher D	Y	TIMES	80.0	202434.00	181450.54
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Berger Cardoso,Jodi A	Y	LATINA MATERNAL & FAMILY HLTH	100.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Berger Cardoso,Jodi A	N	TIMES	0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Xu,Lei	N	COMPUTER SCIENCE	25.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Shi,Weidong	N	COMPUTER SCIENCE	25.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Shi,Weidong	Y	TIMES	25.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Xu,Lei	N	TIMES	25.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	50.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Kakadiaris,Ioannis A.	Y	TIMES	50.0	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Kakadiaris,Ioannis A.	Y	TIMES	50.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Shah,Shishir	N	TIMES	50.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Burns,Maria	Y	TIMES	50.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Burns,Maria	N	I LT	50.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Kakadiaris,Ioannis A.	Y	TIMES	100.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Kakadiaris,Ioannis A.	Y	TIMES	50.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Shah,Shishir	N	COMPUTER SCIENCE	50.00	7703078.64	6332139.03
Borders, Trade, and Immigration Research: A DHS Center of Excellence	05/01/2015	06/30/2020	Federal		Torres-Hostos,Luis	Y	TIMES	100.00	7703078.64	6332139.03
International Workshop on Large-scale Biomedical Semantic Indexing and Question Answering (BioASQ)	08/24/2015	08/25/2018	Federal		Kakadiaris,Ioannis A.	Y	TIMES	50.00	57615.00	57615.00

International Workshop on Large-scale Biomedical Semantic Indexing and Question Answering (BioASQ)	08/24/2015	08/25/2018	Federal		Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	50.00	57615.00	57615.00
Cortisol, socioeconomic status, and genetic influences on cognitive development	07/01/2016	12/31/2017	State Sponsor - Institute /Uni	Federal	Tackett,Jennifer L	Y	TIMES	70.00	2599.00	2599.00
Cortisol, socioeconomic status, and genetic influences on cognitive development	07/01/2016	12/31/2017	State Sponsor - Institute /Uni	Federal Private Non Profit Sponsor	Tackett,Jennifer L	N	PSYCHOLOGY	30.00	2599.00	2599.00
4D Vision: Computer vision using RGB-D images and their sequences	01/01/2016	08/31/2017	Private Non Profit Sponsor	Private Non Profit Sponsor	Kakadiaris,Ioannis A.	Y	TIMES	50.00	9533.33	9533.33
4D Vision: Computer vision using RGB-D images and their sequences	01/01/2016	08/31/2017	Private Non Profit Sponsor	Private Non Profit Sponsor	Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	50.00	9533.33	9533.33
Preventing Dropout among At-risk Youth: A study of Project Goal with English Learners	07/01/2015	06/30/2017	State Sponsor - Institute /Uni	Federal	Miciak,Jeremy Richard	Y	TIMES	80.00	243804.00	243804.00
Preventing Dropout among At-risk Youth: A study of Project Goal with English Learners	07/01/2015	06/30/2017	State Sponsor - Institute /Uni	Federal	Miciak,Jeremy Richard	N	PSYCHOLOGY	20.00	243804.00	243804.00
Texas Center for Learning Disabilities Intervention Project	09/01/2015	08/31/2017	State Sponsor - Agency	Federal	Fletcher,Jack	Y	TIMES	70.00	300000.00	300000.00
Texas Center for Learning Disabilities Intervention Project	09/01/2015	08/31/2017	State Sponsor - Agency	Federal	Fletcher,Jack	N	PSYCHOLOGY ED LEADERSHIP & POLICY STUDIES	30.00	300000.00	300000.00
Identification of Reading & Language Disabilities in Spanish-Speaking English Learners	08/01/2016	07/31/2018	Federal		Santi,Kristi L	N		14.00	699743.00	699743.00
Identification of Reading & Language Disabilities in Spanish-Speaking English Learners	08/01/2016	07/31/2018	Federal		Santi,Kristi L	N	TIMES	6.00	699743.00	699743.00
Identification of Reading & Language Disabilities in Spanish-Speaking English Learners	08/01/2016	07/31/2018	Federal		Francis,David J	Y	TIMES	42.00	699743.00	699743.00
Identification of Reading & Language Disabilities in Spanish-Speaking English Learners	08/01/2016	07/31/2018	Federal		Francis,David J	N	PSYCHOLOGY COMMUNICATIONS DISORDERS	18.00	699743.00	699743.00
Identification of Reading & Language Disabilities in Spanish-Speaking English Learners	08/01/2016	07/31/2018	Federal		Bunta,Ferenc	N		20.00	699743.00	699743.00
Exploiting matching score distributions to improve biometric recognition	10/15/2015	09/30/2016	Federal		Kakadiaris,Ioannis A.	Y	TIMES	50.00	49974.69	49974.69
Exploiting matching score distributions to improve biometric recognition	10/15/2015	09/30/2016	Federal		Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	50.00	49974.69	49974.69
Salary Reimbursement Agreement: Optical Fusion Platform for Volumetric Rendering	09/01/2015	12/31/2017	Private Non Profit Sponsor		Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	50.00	154067.00	150602.42

Salary Reimbursement Agreement: Optical Fusion Platform for Volumetric Rendering	09/01/2015	12/31/2017	Private Non Profit Sponsor	Kakadiaris,Ioannis A.	Y	TIMES	50.00	154067.00	150602.42
Effects of Maternal Interpretation Biases on Child Anxiety and Related Responses	08/28/2015	04/30/2017	Federal	Viana,Andres G	N	PSYCHOLOGY	30.00	282017.37	282017.37
Effects of Maternal Interpretation Biases on Child Anxiety and Related Responses	08/28/2015	04/30/2017	Federal	Viana,Andres G	Y	TIMES	70.00	282017.37	282017.37
A Community-Based Evaluation of Interventions for Orphans and Vulnerable Children	09/01/2015	05/31/2020	Federal	Grigorenko,Elena L	N	PSYCHOLOGY	30.00	2584119.22	1234521.70
A Community-Based Evaluation of Interventions for Orphans and Vulnerable Children	09/01/2015	05/31/2020	Federal State Sponsor - Institute /Uni	Grigorenko,Elena L	Y	TIMES	70.00	2584119.22	1234521.70
UT Health resident statistical consultation	10/01/2015	11/30/2016	State Sponsor - Institute /Uni	Barr,Christopher D	N	PSYCHOLOGY	20.00	1812.90	1812.90
UT Health resident statistical consultation	10/01/2015	11/30/2016	Institute /Uni	Barr,Christopher D	Y	TIMES	80.00	1812.90	1812.90
Reconstructive surgery resident stress while learning novel microsurgical task	07/01/2016	06/30/2017	Private Non Profit Sponsor	Pavlidis,Ioannis T	Y	TIMES	50.00	8641.40	8641.40
Reconstructive surgery resident stress while learning novel microsurgical task	07/01/2016	06/30/2017	Private Non Profit Sponsor	Pavlidis,Ioannis T	N	COMPUTER SCIENCE	50.00	8641.40	8641.40
Peer Facilities VISN Contract FY 15-16	10/01/2015	09/30/2016	Federal	Mehta,Paras D	N	PSYCHOLOGY	30.00	30061.90	30061.90
Peer Facilities VISN Contract FY 15-16	10/01/2015	09/30/2016	Federal	Mehta,Paras D	Y	TIMES	70.00	30061.90	30061.90
Technical Assistance and Evaluation Services: AVDA Batterer Intervention Prevention Program	12/01/2015	11/30/2016	Private Non Profit Sponsor	Miciak,Jeremy Richard	N	CACDS	3.00	10000.00	10000.00
Technical Assistance and Evaluation Services: AVDA Batterer Intervention Prevention Program	12/01/2015	11/30/2016	Private Non Profit Sponsor	Francis,David J	Y	TIMES	49.00	10000.00	10000.00
Technical Assistance and Evaluation Services: AVDA Batterer Intervention Prevention Program	12/01/2015	11/30/2016	Private Non Profit Sponsor	Miciak,Jeremy Richard	N	TIMES	21.00	10000.00	10000.00
Technical Assistance and Evaluation Services: AVDA Batterer Intervention Prevention Program	12/01/2015	11/30/2016	Private Non Profit Sponsor	Miciak,Jeremy Richard	N	PSYCHOLOGY	6.00	10000.00	10000.00
Technical Assistance and Evaluation Services: AVDA Batterer Intervention Prevention Program	12/01/2015	11/30/2016	Private Non Profit Sponsor	Francis,David J	N	CACDS	7.00	10000.00	10000.00
Technical Assistance and Evaluation Services: AVDA Batterer Intervention Prevention Program	12/01/2015	11/30/2016	Private Non Profit Sponsor	Francis,David J	N	PSYCHOLOGY COMMUNICATIONS DISORDERS	14.00	10000.00	10000.00
Differentiating First Language Loss from Language Impairment in Bilingual Children	12/01/2016	11/30/2021	Federal	Castilla-Earls,Anny	N		50.00	830111.00	321312.00
Differentiating First Language Loss from Language Impairment in Bilingual Children	12/01/2016	11/30/2021	Federal	Castilla-Earls,Anny	Y	TIMES	50.00	830111.00	321312.00
The Florida Learning Disabilities Research Center	05/01/2016	04/30/2017	University/ Institute	Federal Grigorenko,Elena L	Y	TIMES	70.00	248047.74	248047.74

The Florida Learning Disabilities Research Center	05/01/2016	04/30/2017	University/ Institute	Federal	Grigorenko,Elena L	N	PSYCHOLOGY	30.00	248047.74	248047.74
The Florida Learning Disabilities Research Center	05/01/2016	04/30/2017	University/ Institute	Federal	Grigorenko,Elena L	Y	TIMES	70.00	248047.74	248047.74
The Florida Learning Disabilities Research Center	05/01/2016	04/30/2017	University/ Institute	Federal	Grigorenko,Elena L	N	PSYCHOLOGY	30.00	248047.74	248047.74
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Francis,David J	N	TIMES	35.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Francis,David J	N	PSYCHOLOGY	15.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Fletcher,Jack	Y	TIMES	35.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Fletcher,Jack	N	PSYCHOLOGY	15.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Bick,Johanna R	Y	TIMES	100.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Fletcher,Jack	Y	TIMES	100.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Grigorenko,Elena L	Y	PSYCHOLOGY	100.00	1300000.00	1300000.00
UH Texas Consortium High Risk Children	12/01/2015	11/30/2021	Private Profit Sponsor		Fletcher,Jack	Y	PSYCHOLOGY	100.00	1300000.00	1300000.00
Evidence-Based Clinical Diagnosis of Specific Language Impairments in Spanish-Speaking Children	07/01/2016	06/30/2017	Private Non Profit Sponsor	Federal	Barr,Christopher D	N	PSYCHOLOGY	20.00	45463.00	45463.00
Evidence-Based Clinical Diagnosis of Specific Language Impairments in Spanish-Speaking Children	07/01/2016	06/30/2017	Private Non Profit Sponsor	Federal	Barr,Christopher D	Y	TIMES	80.00	45463.00	45463.00
Assessment Battery Of Cognitive Processing Using Computerized Adaptive Testing	05/15/2016	05/31/2017	Private Non Profit Sponsor		Grigorenko,Elena L	N	PSYCHOLOGY	30.00	1227601.95	867600.95
Assessment Battery Of Cognitive Processing Using Computerized Adaptive Testing	05/15/2016	05/31/2017	Private Non Profit Sponsor		Grigorenko,Elena L	Y	TIMES	70.00	1227601.95	867600.95
Assessment Battery Of Cognitive Processing Using Computerized Adaptive Testing	05/15/2016	05/31/2017	Private Non Profit Sponsor		Grigorenko,Elena L	Y	PSYCHOLOGY	100.00	1227601.95	867600.95
Alcohol and Substance Abuse Consortium Award	09/01/2016	07/02/2018	Private Profit Sponsor	Federal	Kosten,Therese A	N	TIMES	35.00	218017.00	218017.00
Alcohol and Substance Abuse Consortium Award	09/01/2016	07/02/2018	Private Profit Sponsor	Federal	Haile,Colin Nichols	N	PSYCHOLOGY	10.00	218017.00	218017.00
Alcohol and Substance Abuse Consortium Award	09/01/2016	07/02/2018	Private Profit Sponsor	Federal	Haile,Colin Nichols	Y	TIMES	40.00	218017.00	218017.00
Alcohol and Substance Abuse Consortium Award	09/01/2016	07/02/2018	Private Profit Sponsor	Federal	Kosten,Therese A	N	PSYCHOLOGY PSYCH, HLTH & LEARNING SCIENCE	15.00	218017.00	218017.00
Severe LD in Juvenile Delinquents: Presentation, Course, and Remediation	01/12/2017	12/31/2020	University/ Institute	Federal	Hein,Sascha Daniel	N		30.00	249325.00	249325.00

Severe LD in Juvenile Delinquents: Presentation, Course, and Remediation	01/12/2017	12/31/2020	University/ Institute	Federal	Naumova,Oxana	N	PSYCHOLOGY	12.00	249325.00	249325.00
Severe LD in Juvenile Delinquents: Presentation, Course, and Remediation	01/12/2017	12/31/2020	University/ Institute	Federal	Naumova,Oxana	Y	TIMES	28.00	249325.00	249325.00
Severe LD in Juvenile Delinquents: Presentation, Course, and Remediation	01/12/2017	12/31/2020	University/ Institute	Federal	Hart,Lesley A	N	PSYCHOLOGY	9.00	249325.00	249325.00
Severe LD in Juvenile Delinquents: Presentation, Course, and Remediation	01/12/2017	12/31/2020	University/ Institute	Federal	Hart,Lesley A	N	TIMES	21.00	249325.00	249325.00
Evaluation of IR Possible Impact of IR Interventions	04/21/2016	11/30/2016	State Sponsor - Agency		Francis,David J	N	CACDS	10.00	33829.00	33829.00
Evaluation of IR Possible Impact of IR Interventions	04/21/2016	11/30/2016	State Sponsor - Agency		Francis,David J	Y	TIMES	70.00	33829.00	33829.00
Evaluation of IR Possible Impact of IR Interventions	04/21/2016	11/30/2016	State Sponsor - Agency		Francis,David J	N	PSYCHOLOGY PSYCH, HLTH & LEARNING SCIENCE	20.00	33829.00	33829.00
Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	09/02/2016	08/31/2020	Federal		Hein,Sascha Daniel	N		35.00	1399147.00	712944.00
Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	09/02/2016	08/31/2020	Federal		Francis,David J	N	TIMES	17.50	1399147.00	712944.00
Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	09/02/2016	08/31/2020	Federal		Francis,David J	N	PSYCHOLOGY	5.00	1399147.00	712944.00
Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	09/02/2016	08/31/2020	Federal		Grigorenko,Elena L	Y	TIMES	28.00	1399147.00	712944.00
Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	09/02/2016	08/31/2020	Federal		Grigorenko,Elena L	N	PSYCHOLOGY	12.00	1399147.00	712944.00
Uno, Dos, Tres, Listos! Monitoring Kindergarten Readiness Bilingually	09/02/2016	08/31/2020	Federal		Francis,David J	N	CACDS	2.50	1399147.00	712944.00
The language of written argumentation and explanation: Individual developmental trajectories from 4th to 8th grade	07/01/2017	06/30/2018	University/ Institute	Federal	Barr,Christopher D	N	PSYCHOLOGY	20.00	101479.00	49961.00
The language of written argumentation and explanation: Individual developmental trajectories from 4th to 8th grade	07/01/2017	06/30/2018	University/ Institute	Federal	Barr,Christopher D	Y	TIMES	80.00	101479.00	49961.00
Improving the accuracy of academic vocabulary assessment for English language learners	08/31/2017	08/30/2021	Federal		Kulesz,Paulina Anna	N	TIMES	40.00	1399999.00	267061.00
Improving the accuracy of academic vocabulary assessment for English language learners	08/31/2017	08/30/2021	Federal		Francis,David J	Y	TIMES	35.00	1399999.00	267061.00
Improving the accuracy of academic vocabulary assessment for English language learners	08/31/2017	08/30/2021	Federal		Kulesz,Paulina Anna	N	PSYCHOLOGY	10.00	1399999.00	267061.00
Improving the accuracy of academic vocabulary assessment for English language learners	08/31/2017	08/30/2021	Federal		Francis,David J	N	CACDS	5.00	1399999.00	267061.00

Improving the accuracy of academic vocabulary assessment for English language learners	08/31/2017	08/30/2021	Federal		Francis,David J	N	PSYCHOLOGY	10.00	1399999.00	267061.00
Application of explanatory item response models to understand influence of reader-text interactions on reading comprehension and reading intervention effects	08/31/2017	08/30/2019	Federal		Francis,David J	N	PSYCHOLOGY	10.00	599875.00	379739.00
Application of explanatory item response models to understand influence of reader-text interactions on reading comprehension and reading intervention effects	08/31/2017	08/30/2019	Federal		Kulesz,Paulina Anna	N	PSYCHOLOGY	10.00	599875.00	379739.00
Application of explanatory item response models to understand influence of reader-text interactions on reading comprehension and reading intervention effects	08/31/2017	08/30/2019	Federal		Francis,David J	Y	TIMES	35.00	599875.00	379739.00
Application of explanatory item response models to understand influence of reader-text interactions on reading comprehension and reading intervention effects	08/31/2017	08/30/2019	Federal		Francis,David J	N	CACDS	5.00	599875.00	379739.00
Application of explanatory item response models to understand influence of reader-text interactions on reading comprehension and reading intervention effects	08/31/2017	08/30/2019	Federal		Kulesz,Paulina Anna	N	TIMES	40.00	599875.00	379739.00
Cognitive and Linguistic Mediators of Response to Intensive Interventions in Reading for English Learners At-Risk for Learning Disabilities	07/01/2017	06/30/2020	Federal		Miciak,Jeremy Richard	N	PSYCHOLOGY	20.00	391047.00	108271.00
Cognitive and Linguistic Mediators of Response to Intensive Interventions in Reading for English Learners At-Risk for Learning Disabilities	07/01/2017	06/30/2020	Federal		Miciak,Jeremy Richard	Y	TIMES	80.00	391047.00	108271.00
The Global Learner Project	11/01/2016	08/31/2018	University/ Institute	Private Profit Sponsor	Barr,Christopher D	Y	TIMES	100.00	125001.00	125001.00
NSF-Stress: CHS: Medium: Collaborative Research: Managing stress in the workplace: Unobtrusive monitoring and adaptive interventions	08/01/2017	07/31/2021	Federal		Pavlidis,Ioannis T	Y	TIMES	50.00	380000.00	380000.00
NSF-Stress: CHS: Medium: Collaborative Research: Managing stress in the workplace: Unobtrusive monitoring and adaptive interventions	08/01/2017	07/31/2021	Federal University/ Institute		Pavlidis,Ioannis T	N	COMPUTER SCIENCE COMPUTER	50.00	380000.00	380000.00
Collecting Facial Images from Multiples in Texas	02/01/2017	04/30/2018	University/ Institute	Federal	Shah,Shishir Kakadiaris,Ioannis A.	N	SCIENCE	25.00	202997.00	21516.14
Collecting Facial Images from Multiples in Texas	02/01/2017	04/30/2018	University/ Institute	Federal	Kakadiaris,Ioannis A.	Y	TIMES	25.00	202997.00	21516.14
Collecting Facial Images from Multiples in Texas	02/01/2017	04/30/2018	University/ Institute	Federal	Kakadiaris,Ioannis A.	N	COMPUTER SCIENCE	25.00	202997.00	21516.14

Collecting Facial Images from Multiples in Texas	02/01/2017	04/30/2018	University/ Institute	Federal	Shah,Shishir	N	TIMES	25.00	202997.00	21516.14
Texas Center for Learning Disabilities Intervention Project	09/01/2016	08/31/2017	State Sponsor - Agency	Federal	Fletcher,Jack	N	PSYCHOLOGY	30.00	125000.00	125000.00
Texas Center for Learning Disabilities Intervention Project	09/01/2016	08/31/2017	State Sponsor - Agency	Federal	Fletcher,Jack	Y	TIMES	70.00	125000.00	125000.00
Peer Facilities VISN Contract FY 16-17	10/01/2016	09/30/2017	Federal		Mehta,Paras D	Y	TIMES	100.00	27809.00	27809.00
Acceptance, Barriers, And Strategies For Guideline Adherence In Asthma	02/01/2017	06/30/2018	Private Profit Sponsor		Aparasu,Rajender R	Y	PHAR HEALTH OUTCOMES & POLICY	91.00	170000.00	170000.00
Acceptance, Barriers, And Strategies For Guideline Adherence In Asthma	02/01/2017	06/30/2018	Private Profit Sponsor		Mehta,Paras D	N	TIMES	6.30	170000.00	170000.00
Acceptance, Barriers, And Strategies For Guideline Adherence In Asthma	02/01/2017	06/30/2018	Private Profit Sponsor		Mehta,Paras D	N	PSYCHOLOGY	2.70	170000.00	170000.00
Acceptance, Barriers, And Strategies For Guideline Adherence In Asthma	02/01/2017	06/30/2018	Private Profit Sponsor		Mehta,Paras D	N	TIMES	6.30	170000.00	170000.00
Acceptance, Barriers, And Strategies For Guideline Adherence In Asthma	02/01/2017	06/30/2018	Private Profit Sponsor		Mehta,Paras D	N	PSYCHOLOGY	2.70	170000.00	170000.00
Acceptance, Barriers, And Strategies For Guideline Adherence In Asthma	02/01/2017	06/30/2018	Private Profit Sponsor		Aparasu,Rajender R	Y	PHAR HEALTH OUTCOMES & POLICY	91.00	170000.00	170000.00
Online Adaptive Learning Systems	02/14/2017	07/14/2017	Private Profit Sponsor		Vilalta,Ricardo	N	COMPUTER SCIENCE	50.00	13800.00	0
Online Adaptive Learning Systems	02/14/2017	07/14/2017	Private Profit Sponsor		Vilalta,Ricardo	Y	TIMES	50.00	13800.00	0
From Genomics to Brain Science: What Makes Researchers Tick in Transdisciplinary Initiatives	06/01/2017	05/30/2018	Federal		Pavlidis,Ioannis T	N	COMPUTER SCIENCE	50.00	60408.00	60408.00
From Genomics to Brain Science: What Makes Researchers Tick in Transdisciplinary Initiatives	06/01/2017	05/30/2018	Federal		Pavlidis,Ioannis T	Y	TIMES	50.00	60408.00	60408.00

d. Publications and presentations (count contributions by members only unless affiliates credit split). Only count and include material that is either in press or published.

1. Peer-reviewed journal articles: **167**
2. Peer-reviewed articles that acknowledge center: **Not tracked**
3. Non-peer-reviewed (NPR) articles: **Not Tracked**
4. Book chapters in Edited Volumes: **18**
5. Books: **2**
6. Books that acknowledge center/institute affiliation or support: **Not Tracked**
7. Research presentations and abstracts: **Not Tracked**
8. Research presentations that acknowledge center: **Not Tracked**
9. Provide a list of all items counted in 1 to 8; give complete citations.

The Table below shows total counts for Peer-reviewed Journal Articles (N=167), including peer-reviewed conference proceedings for faculty in Engineering and Computer Science, where these are viewed like journal publications in the social sciences, Chapters in Edited Volumes (N=18), and Books (N=2) published by TIMES faculty in 2017, broken down by reporting faculty member. Not all faculty provided updated information. Following the table is the list of all publications organized by faculty member.

Name	Peer Reviewed	Chapters	Books
Ahmed	4		
Alfano	9		
Barr		2	
Benoit	5	1	
Bick	5		
Bunta	2		
Cirino	6		
Fletcher	11	2	
Francis, D	4	3	1
Francis, J	2		
Gallagher	16	6	
Grigorenko	14	4	1
Haile	4		
Hein	5		
Ince	6		
Kosten	6		
Kulesz	4		
Leasure	3		
Miciak	4		
Naumova	3		
Price	4		

Rodgers	1		
Sharp	22		
Taylor	2		
Viana	15		
Vilalta	1		
Zhang	9		
TOTALS	167	18	2

Below is the complete list of papers, proceedings, chapters, and books published by TIMES faculty in 2017. We do not track formal acknowledgements of TIMES, nor do we require that faculty formally track acknowledgements. In addition, we do not request that faculty report presentations at conferences, and invited lectures.

Yusra Ahmed

1. Wilson, J., Roscoe, R., & **Ahmed, Y.** (2017). Automated formative writing assessment using a levels of language framework. *Assessing Writing*, 34, 16-36.
2. Wall, K., Sharp, C., **Ahmed, Y.**, Goodman, M. & Zanarini, M.C. (2017). Parent-Adolescent Concordance on the Revised Diagnostic Interview for Borderlines (DIB-R) and the Childhood Interview for Borderline Personality Disorder (CI-BPD). *Personality and Mental Health*.
3. Denton, C., York, M., Francis, D., Haring, C., **Ahmed, Y.** & Bidulesco, A. (2017). An investigation of an intervention approach to promote inference generation by adolescent poor comprehenders. *Learning Disabilities Research & Practice*, 32 (2), 85-98.
4. Miciak, J., Roberts, G., Taylor, W. P., Solis, M., **Ahmed, Y.**, Vaughn, S., & Fletcher, J. M. (2017). The effects of a two-year, intensive reading intervention implemented with late elementary struggling readers. *Learning Disabilities Research and Practice*.

Candice A. Alfano

1. Reddy, R., Palmer, C.A., Jackson, C., Farris, S.G., & **Alfano, C.A.** (2017). The Effect of Sleep Restriction versus Idealized Sleep on Emotional Experience, Reactivity, and Regulation in Healthy Adolescents. *Journal of Sleep Research*, 26, 516-525.
2. Palmer, C. & **Alfano, C.A.** (2017). Sleep and Emotion Regulation: An Organizing, Integrative Review. *Sleep Medicine Reviews*, 31, 6-16.
3. De Los Reyes, A., **Alfano, C.A.**, Clementi, M.A. & Viana, A. (2017). Are the Clinical Characteristics of Anxious Youths Participating in Non-Treatment-Related Research Comparable to those of Youths Receiving Treatment? *Child and Youth Care Form*, 46, 1-17.
4. Palmer, C. & **Alfano, C.A.** (2017). Sleep Architecture Relates to Daytime Affect and Somatic Complaints in Clinically-Anxious but not Healthy Children. *Journal of Clinical Child and Adolescent Psychology*, 46, 175-187.
5. Viana, A. G., Kiel, E. L., **Alfano, C. A.**, Dixon, L. J., & Palmer, C. A. (2017). The contribution of temperamental and cognitive factors to childhood anxiety disorder symptoms: A closer look at negative affect, behavioral inhibition, and anxiety sensitivity. *Journal of Child and Family Studies*,

26, 194-204.

6. Stout, J., Beidel, D.C., **Alfano, C.A.**, Mesa, F., Trachik, B. & Neer, S.M. (2017). Sleep Disturbances Among Combat Military Veterans: A Comparative Study using Subjective and Objective Sleep Assessments. *Journal of Military Psychology*, 29, 189-201.
7. Viana, A. G., Palmer, C. A., Zvolesnky, M. J., **Alfano, C. A.**, & Dixon, L. J. (2017). Children's behavioral inhibition and anxiety disorder symptom severity: The role of individual differences in basal respiratory sinus arrhythmia. *Behavior Research and Therapy*, 93, 38-46.
8. Kauffman, B., Farris, S.G., **Alfano, C.A.** & Zvolensky, M.J. (2017). Emotion Dysregulation Explains the Relation between Insomnia Symptoms and Negative Reinforcement Smoking Cognitions. *Addictive Behaviors*, 72, 33-40.
9. Reynolds, K., Patriquin, M. **Alfano, C.A.**, Loveland, K. & Pearson, D. (2017). Parent-Reported Problematic Sleep Behaviors in Children with Comorbid Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. *Research in Autism Spectrum Disorders*, 29, 20-32.

Christopher D. Barr

1. Francis DJ, **Barr CD**, Benoit JS, McIntyre TM. (2017). Issues in research methodology on educator stress. In TM McIntyre, SE McIntyre, & DJ Francis (Eds.), *Educator Stress: An Occupational Health Perspective*, pp. 439-470. New York: Springer.
2. McIntyre, T. McIntyre, S., **Barr, C.D.**, & Francis, D.J. (2017). Towards an integrated theory of educator stress. In TM McIntyre, SE McIntyre, & DJ Francis (Eds.), *Educator Stress: An Occupational Health Perspective*, pp. 261-289. New York: Springer.

Julia S. Benoit

1. Moore KE, **Benoit JS**, Berntsen DA. Peripheral Defocus of Myopic Eyes with Spherical Soft Contact Lenses. *Optometry and Vision Science*. 2017 94(3): 370-379.
2. Marsack JD, Ravikumar A, **Benoit JS**, Anderson HA. Auto refraction repeatability in subjects with and without Down Syndrome. *Optometry and Vision Science*. 2017 94(5): 574-581.
3. Roberts T, Benoit JS, Manny R, Anderson H. Accommodation during Sustained Near Tasks in Emmetropic and Hyperopic Children and Adults. *Optometry and Vision Science* (accepted 12/2017).
4. Roberts T, Stevenson S, Benoit JS, Manny R, Anderson H. (accepted 12/2017). Associations between Accommodative Microfluctuations, Blur Detection Thresholds and Depth of Focus in Children with Uncorrected Hyperopia. *Optometry and Vision Science* (accepted 12/2017).
5. Ravikumar A, Benoit JS, Morrison KB, Marsack JD, Anderson HA. Repeatability of Monocular Acuity Testing in Adults with and without Down Syndrome. *Optometry and Vision Science* (accepted 12/2017).
6. Francis D, Barr C, Benoit JS, McIntyre TM. (2017). Issues in research methodology on educator stress. In TM McIntyre, SE McIntyre, & DJ Francis (Eds.), *Educator Stress: An Occupational Health Perspective*, pp. 439-470. New York: Springer.

Johanna Bick

1. Bick, J., Luyster, R., Fox, N.A. Zeanah, C.H., Nelson, C.A. (2017). Effects of early institutionalization on emotion processing in 12-year-old youth. *Development and Psychopathology*,

29(5), 1749-1761.

2. Bick, J., Zeanah, C.H., Fox, N.A., Nelson, C.A. (2017). Memory and executive functioning in 12-year-old children with a history of institutional rearing. *Child Development*
3. Luyster, R.J. Bick, J., Westerlund, A. Nelson III, C.A., (2017). Testing the effects of expression, intensity and age on emotional face processing in ASD. *Neuropsychologia*
4. Bick, J. Fox, N., Zeanah, C., Nelson, C.A. (2017). Early deprivation, atypical brain development, and internalizing symptoms in late childhood. *Neuroscience* 342, 140-153.
5. Bick, J., Nelson, C.A., (2017). Early experience and brain development. *Wiley Interdisciplinary Reviews: Cognitive Science* 8 (1-2)

Ferenc Bunta

1. Li, F., Bunta, F., & Tomblin, J. B. (2017). Alveolar and postalveolar voiceless fricative and affricate productions of Spanish-English bilingual children with cochlear implants. *Journal of Speech, Language, and Hearing Research*, 60, 2427-2441. doi:10.1044/2017_JSLHR-S-16-0125
2. McLeod, S., Verdon, S., Bowen, C., and the International Expert Panel on Multilingual Children's Speech (2017). Tutorial: Speech assessment for multilingual children who do not speak the same language(s) as the speech-language pathologist. *American Journal of Speech-Language Pathology*, 26, 691-708. doi:10.1044/2017_AJSLP-15-0161

Paul T. Cirino

1. Powell, S.R., **Cirino, P.T.**, & Malone, A.S. (2017). Child-level predictors of responsiveness to evidence-based mathematics intervention. *Exceptional Children*, 83(4), 359-377.
2. Arrington, C.N., Kulesz, P.A., Juranek, J., **Cirino, P.T.**, & Fletcher, J.M. (2017). White matter microstructure integrity in relation to reading proficiency. *Brain and Language*, 174, 103-111.
3. **Cirino, P.T.**, Miciak, J., *Gerst, E., Barnes, M.A., Vaughn, S., *Child, A., & *Huston-Warren, E. (2017). Executive function, self-regulated learning, and reading comprehension: A training study. *Journal of Learning Disabilities*, 50(4), 450-467.
4. **Cirino, P.T.**, & Willcutt, E.G. (2017). An introduction to the Special Issue: Contributions of executive functions to academic skill. *Journal of Learning Disabilities*, 50(4), 355-358.
5. Nguyen, M.P., Lupo, P.J., Northrup, H., Morrison, A.C., **Cirino, P.T.**, & Au, K.S. (2017). Maternal gene-micronutrient interactions related to one-carbon metabolism and the risk of myelomeningocele among offspring. *Birth Defects Research*, 109(2), 99-105.
6. Gerst, E., **Cirino, P.T.**, Yoshida, H., & Fletcher, J.M. (2017). Cognitive and behavioral rating measures of executive function as predictors of academic outcomes in children. *Child Neuropsychology*, 23(4), 381-407.

Jack M. Fletcher

1. Fletcher, J. M., & Miciak, J. (2017). Comprehensive cognitive assessments are not necessary for the identification and treatment of learning disabilities. *Archives of Clinical Neuropsychology*, 32, 2-7. **PMC in progress**
2. Ris, M. D., Grosch, M., Fletcher, J. M., Metah, P., & Kahalley, L. S. (2017). Measurement of neurodevelopmental changes in children treated with radiation for brain tumors: what is a true

‘baseline?’ *The Clinical Neuropsychologist*, 31, 307- 328.

3. Gerst, E., Cirino, P., Yoshida, H., & Fletcher, J.M. (2017). Cognitive and behavioral rating measures of executive function as predictors of academic outcomes in children. *Child Neuropsychology*, 23, 381- 407. **PMCID: PMC4912460**
4. Taylor, W.P., Miciak, J., & Fletcher, J.M., & Francis, DJ. (2017). Cognitive discrepancy models for specific learning disabilities identification: Simulations of psychometric limitations. *Psychological Assessment*, 29(4), 446-457. **NIHMS: 793430**
5. Ware, A. L., Kulesz, P. A., Juranek, J., Cirino, P. T., & Fletcher, J. M. (2017). Cognitive control and associated neural correlates in adults with spina bifida myelomeningocele. *Neuropsychology*, 31, 411-423.
6. Dimitriadis S.I., Antonakakis M., Simos P., Fletcher J.M., and Papanicolaou A. C. (2017). Data-driven topological filtering based on orthogonal minimal spanning trees: application to multigroup magnetoencephalography resting-state connectivity. *Brain Connectivity*, 7(10), 661-670.
7. Arrington, N., Juranek, J., & Fletcher, J.M. (2017). White matter microstructure integrity in relation to reading proficiency. *Brain and Language*, 174, 103-111.
8. Fletcher, J.M., & Grigorenko, E. (2017) Neuropsychology of learning disabilities: The past and the future. *Journal of the International Neuropsychological Society*, 23 (9-10), 930-940.
9. Williams, V.J., Juranek, J., Cirino, P.A., & Fletcher, J.M. (2017). Cortical thickness and local gyrification in children with developmental dyslexia. *Cerebral Cortex*. doi: 10.1093/cercor/bhx001
10. Fletcher, J. M. (in press). Classification, Definition, and Identification Frameworks for Dyslexia: A Historical Perspective. In Eden, G.F (Ed.), *The Wiley Handbook on the Cognitive Neuroscience of Developmental Dyslexia*. United Kingdom: John Wiley & Sons, Ltd.
11. Fletcher, J. M., & Miciak, J. (in press). A response to intervention approach to SLD identification. In D. P. Flanagan & V. C. Alfonso (Eds.). *Essentials of specific learning disability identification* (2nd. Ed.). John Wiley & Sons Inc.
12. Miciak, J., & Fletcher, J. M. (in press). Specific learning disorders: Treatment. In K. Allison, J. Binder, L. Feliciano, E. Flannery-Schroeder, D. Haagar & N. Stolar (Eds.), *The SAGE encyclopedia of abnormal and clinical psychology*. New York: Sage Publications.
13. Miciak, J., & Fletcher, J. M. (in press). The identification of learning disabilities: PSW vs. RTI methods. In M. Burns (Ed.). *School psychology: Controversies and current practice*. Oxford University Press.

David J. Francis

1. Denton, CA, York, MJ, Francis, DJ, Haring, C, Ahmed, Y, & Bidulescu, A. (2017). An investigation of an intervention to promote inference generation among adolescent poor comprehenders. *Learning Disabilities Research and Practice*, 32(2), 85-98.
2. Francis DJ, **Barr CD**, Benoit JS, McIntyre TM. (2017). Issues in research methodology on educator stress. In TM McIntyre, SE McIntyre, & DJ Francis (Eds.), *Educator Stress: An Occupational Health Perspective*, pp. 439-470. New York: Springer.
3. Lawrence, J.F., Francis, D.J., Pare-Blagoev, J., Snow, CE. (2017). The poor get richer: Heterogeneity in the efficacy of a school-level intervention for academic language. *Journal of*

Research on Educational Effectiveness, 10(4), 767-793.

4. McIntyre, TM, McIntyre, SE., **Barr, CD**, & Francis, DJ. (2017). Towards an integrated theory of educator stress. In TM McIntyre, SE McIntyre, & DJ Francis (Eds.), *Educator Stress: An Occupational Health Perspective*, pp. 261-289. New York: Springer.
5. McIntyre, TM, McIntyre, SE, & Francis, DJ. (2017). Implications of an occupational health perspective for educator stress research, practice, and policy. In TM McIntyre, SE McIntyre, & DJ Francis (Eds.), *Educator Stress: An Occupational Health Perspective*, pp. 485-505. New York: Springer.
6. McIntyre, TM, McIntyre, SE, & Francis, DJ. (2017). *Educator Stress: An Occupational Health Perspective*. New York: Springer.
7. Wolters, CA, Barnes, MA, Kulesz, PA, York, MJ, & Francis, DJ (2017). Examining a motivational treatment and its impact on adolescents' reading comprehension and fluency. *Journal of Educational Research*, 110(1), 98-109.
8. Taylor, W.P., Miciak, J., & Fletcher, J.M., & Francis, DJ. (2017). Cognitive discrepancy models for specific learning disabilities identification: Simulations of psychometric limitations. *Psychological Assessment*, 29(4), 446-457. **NIHMS: 793430**

Joseph T. Francis

1. Dura-Bernal, S., Neymotin, S.A., Kerr, C.C., Sivagnanam, S., Majumdar, A., Francis, J.T., Lytton, W.W., (2017). Evolutionary algorithm optimization of biological learning parameters in a biomimetic neuroprosthesis. *IBM Journal of Research and Development*, 61(2-3), 6: 1-6: 14.
2. Zhao, Y., Hessburg, J.P., Kumar, J.N.A., Francis, J.T.T., (2017). Paradigm Shift in Sensorimotor Control Research and Brain Machine Interface Control: The Influence of Context on Sensorimotor representations. *bioRxiv*, 239814.

Matthew W. Gallagher

1. Bistricky, S. L., **Gallagher, M. W.**, Roberts, C., Ferris, L., Gonzalez, A. J., & Wetterneck, C. T. (2017). Frequency of interpersonal trauma types, avoidant attachment, self-compassion, and interpersonal competence: A model of persisting post-traumatic symptoms. *Journal of Aggression, Maltreatment & Trauma*, 6, 608-625.
2. Lu, Q., Yeung, N., Man, J., & **Gallagher, M. W.**, Chu, Q., Deen, S. H.(2017) Ambivalence over Emotional Expression, Intrusive Thoughts, and Posttraumatic Stress Symptoms among Chinese American Breast Cancer Survivors. *Supportive Care in Cancer*, 25, 3281-3287. doi:10.1007/s00520-017-3744-2
3. Marques, S. C., **Gallagher, M. W.**, Lopez, S. J. (2017) Hope and Academic-Related Outcomes: A Meta-analysis. *School Mental Health*, 9, 250-262.
4. Barlow, D. H., Farchione, T. J., Bullis, J. R., **Gallagher, M. W.**, Latin, H., Sauer-Zavala, S., Bentley, K.H., Thompson-Hollands, J., Conklin, L., Boswell, J.F., Ametaj, A., Carl, J., Boettcher, H.T. & Cassiello-Robbins, C. (2017). The Unified Protocol for Transdiagnostic Treatment of Emotional Disorders compared with diagnosis-specific protocols for anxiety disorders: a randomized clinical trial. *JAMA: Psychiatry*, 74, 875-884. doi:10.1001/jamapsychiatry.2017.2164
5. Marques, S. C., & **Gallagher, M. W.**, (2017). Age Differences and Short-term Stability in Hope:

Results from a Sample aged 15 to 80. *Journal of Applied Developmental Psychology*, 53, 120-126. doi : 10.1016./j.appdev.2017.10.002

6. Boswell, J. F., Iles, B., **Gallagher, M. W.**, & Farchione, T. F. (2017). Behavioral activation strategies within the Unified Protocol for Emotional Disorders. *Psychotherapy*, 54, 231-236. doi: 10.1037/pst0000119.
7. **Gallagher, M. W.** (2017). Transdiagnostic Mechanisms of Change in Cognitive-Behavioral Treatments of PTSD. *Current Opinion in Psychology*, 14, 90-95.
8. Paulus, D. J., **Gallagher, M.W.**, Rogers, A. H., Viana, A. G., Garza, M., Valdivieso, J., Ochoa-Perez, M., Lemaire, C., Bakhshaie, J., & Zvolensky, M. J. (2017). Emotion Dysregulation as a Mechanism Linking Anxiety to Alcohol Use and Hazardous Drinking among Latinos in Primary Care. *The American Journal on Addiction*, 31, 189-199. doi: 10.1037/adb0000252
9. **Gallagher, M. W.**, Marques, S., & Lopez, S. J. (2017). Hope and the academic trajectory of college students. *Journal of Happiness Studies*, 18, 341-352. doi: 10.1007/s10902-016-9727-z
10. Contractor, A. A., Bolton, E., **Gallagher, M. W.**, Rhodes, A., Nash, B., & Litz, B. (2017). Longitudinal Measurement Invariance of Posttraumatic Stress Disorder in Deployed Marines. *Journal of Traumatic Stress*, 30, 259-269. doi: 10.1002/jts.22181
11. Marx, B. P., Engel-Rebitzer, E., Bovin, M. J., Parker-Guilbert, K. S., Moshier, S., Barretto, K., Szafranski, D., **Gallagher, M. W.**, Holowka, D. W., Rosen, R. C., & Keane, T. M. (2017). The influence of veteran race and psychometric testing on veterans affairs posttraumatic stress disorder (PTSD) disability exam outcomes. *Psychological Assessment*, 29, 710-719.
12. Martin, C., Vujanovic, A. A., Paulus, D. J., Bartlett, B., **Gallagher, M. W.**, & Tran, J. K. (2017). Alcohol use and suicidality in firefighters: Associations with depressive symptoms and posttraumatic stress. *Comprehensive Psychiatry*, 74, 44-52.
13. Lu, Q., Wong, C., **Gallagher, M. W.**, Tou, R., Young, L., & Loh, A. (2017). Expressive Writing among Chinese American Breast Cancer Survivors: A Randomized Controlled Trial. *Health Psychology*, 36, 370-379. doi: 10.1037/hea0000449
14. Paulus, D. J., Valadka, J., Businelle, M. S., **Gallagher, M.W.**, Viana, A. G., Schmidt, N. B., & Zvolensky, M. J. (2017). Emotion dysregulation explains associations between anxiety sensitivity and hazardous drinking and drinking motives among adult treatment-seeking smokers. *Psychology of Addictive Behaviors*, 31, 189-199. doi: 10.1037/adb0000252
15. Buckner, J.D., Zvolensky, M.J., Ecker, A.H., Jeffries, E.R., Lemke, A.W., Dean, K.E., Businelle, M.S., & **Gallagher, M.W.** (2017). Anxiety and cannabis-related problem severity among dually diagnosed outpatients: the impact of false safety behaviors. *Addictive Behaviors*. 70, 49-53, doi: 10.1016/j.addbeh.2017.02.014.
16. **Gallagher, M. W.**, & Lopez, S. J. (Eds.). (2017). *The Oxford Handbook of Hope*. New York: Oxford University Press.
17. Barlow, D. H., & **Gallagher, M.W.** (2017). The Promise of Transdiagnostic Treatments for Anxiety Disorders. *APA Division 12 Society for Clinical Psychology Blog*.
18. **Gallagher, M. W.**, (2017). Introduction to the Science of Hope. In M. W. Gallagher & S. J. Lopez, (Eds.). *Handbook of Hope* (pp. 3-8).. New York: Oxford University Press

19. Long, L., J. & **Gallagher, M. W.**, (2017). Hope and Posttraumatic Stress Disorder. In M. W. Gallagher & S. J. Lopez, (Eds.). *Handbook of Hope* (pp. 233-242). New York: Oxford University Press
20. Lee, J. Y., & **Gallagher, M. W.**, (2017). Hope and well-being. In M. W. Gallagher & S. J. Lopez, (Eds.). *Handbook of Hope* (pp. 287-298). New York: Oxford University Press
21. **Gallagher, M. W.**, Cheavens, J. S., Edwards, L. M., Feldman, D. B., Gum, A. M., Marques, S. C., Rand, K. L., Ritschel, L., Teramoto Pedrotti, J., & Shorey, H. S. (2017). Future Directions in the Science of Hope. In M. W. Gallagher & S. J. Lopez, (Eds.). *Handbook of Hope* (pp. 353-362). New York: Oxford University Press
22. **Gallagher, M. W.** (2017). *The Unified Protocol for the Treatment of Posttraumatic Stress Disorder*. In D.H. Barlow, & T. F. Farchione (Eds.). *Unified Protocol Clinical Applications*, p 111-126. New York: Oxford University Press

Elena L. Grigorenko

1. Bouregy, S., Grigorenko, E. L., Latham, S. R., & Tan, M. (Eds.). *Genetics, ethics, and education*. Cambridge: Cambridge University Press.
2. Bouregy, S., Grigorenko, E. L., Tan, M., & Latham, S. R. Introduction. In S. Bouregy, E. L. Grigorenko, S. R. Latham, & M. Tan (Eds.), *Genetics, ethics and education* (pp. 1-14). Cambridge, UK: Cambridge University Press.
3. Fletcher, J., Grigorenko, E. L. Neuropsychology of learning disabilities: The past and the future. *Journal of the International Neuropsychological Society*, 23, 930–940.
doi:10.1017/S1355617717001084
4. Grigorenko, E. L. Gifted education in Russia: Developing, threshold, or developed. *Cogent Education*, 4, 1. doi:10.1080/2331186X.2017.1364898
5. Grigorenko, E. L. From one to many: Why the mechanics of complex human traits are difficult to decipher. In A. Galaburda, N. Gaab, F. Hoeft, P. McCardle, *Neuroscience and dyslexia* (pp. 128-139). Baltimore, MD: Paul H. Brookes Publishing Co., Inc.
6. Grigorenko, E. L. Brain development: The effect of interventions on children and adolescents. In D. A. P. Bundy, N. de Silva, S. Horton, D. T. Jamison, G. C. Patton (Eds.). *Disease control priorities* (3rd ed.), vol. 8. *Child and adolescent health and development* (pp. 119-131). Washington, DC: World Bank.
<https://openknowledge.worldbank.org/handle/10986/28876> License: CC BY 3.0 IGO
7. Grigorenko, E. L., & Mandelman, S. D. Intelligence: The ongoing quest for its etiology. In S. Bouregy, E. L. Grigorenko, S. R. Latham, & M. Tan (Eds.), *Genetics, ethics and education* (pp. 107-133). Cambridge, UK: Cambridge University Press.
8. Haeffel, G., Hein, S., Square, A., Macomber, D., Lee, M., Chapman, J., & Grigorenko, E. L. Evaluating a social problem solving intervention for juvenile detainees: Depressive outcomes and moderators of effectiveness. *Development and Psychopathology*, 29, 1035-1042.
doi:10.1017/S0954579416001000
9. Haeffel, G., Hershenberg, R., Goodson, J. T., Hein, S., Square, A., Grigorenko, E. L., & Chapman, J. The hopelessness theory of depression: Generalizability and clinical utility. *Cognitive Therapy and Research*, 41, 543–555.

10. Hein, S., Barbot, B., Square, A., Chapman, J., Foley Geib, C., & Grigorenko, E. L. Violent offending among juveniles: A 7-year longitudinal study of recidivism, desistance, and associations with mental health. *Law and Human Behavior*, 41, 273–283. doi:10.1037/lhb0000241
11. Naumova, O. Y., Rychkov, S. Y., Kuznetzova, T. V., Odintsova, V. V., Kornilov, S. A., Grigorenko, E. L. DNA methylation alterations in the genome of a toddler with cri-du-chat syndrome. *Clinical Case Reports*. doi: 10.1002/ccr3.1274
12. Naumova, O. Yu., Rychkov, S. Yu., Odintsova, V. V. Kornilov, S. A., Shabalina, E. V., Antsiferova, D. V., Zhukova, O. V., Grigorenko, E. L. Aberrant DNA methylation in lymphocytes of children with neurodevelopmental disorders, *Russian Journal of Genetics*, 53, 1243–1258. doi: 10.7868/S0016675817110078
13. Hein, S., Tan, M., Rakhlin, N., Doyle, N., Hart, L., Macomber, D., Ruchkin, V., Grigorenko, E. L. Psychological and sociocultural adaptation of children adopted from Russia and their associations with pre-adoption risk factors and parenting. *Journal of Child and Family Studies*, 26, 2669–2680, doi:10.1007/s10826-017-0782-9
14. Kornilov, S. A., Grigorenko, E. L. Genetics of specific reading disability. In A. Galaburda, N. Gaab, F. Hoeft, McCardle, P. *Neuroscience and dyslexia* (pp. 156-166). Baltimore, MD: Paul H. Brookes Publishing Co., Inc.
15. Pakstis, A. J., Kang, L., Liu, L., Zhang, Z., Jin, T., Grigorenko, E. L., Wendt, F. R., Budowle, B., Hadi, S., Salam Al-Qahtani M., Morling, N., Mogensen, H. S., Themudo, G. E., Soundararajan, U., Rajeevan, H., Kidd, J. R., Kidd, K. K. Increasing the reference populations for the 55 AISNP panel: the need and benefits. *International Journal of Legal Medicine*, 131, 913–917, doi:10.1007/s00414-016-1524-z
16. Rakhlin, N., Hein, S., Doyle, N., Hart, L., Koposov, R., Macomber, D., Ruchkin, V., Strelina, A., Tan, M., Grigorenko, E. L. Sources of heterogeneity in developmental outcomes of children with past and current experiences of institutionalization in Russia: a four-group comparison. *American Journal of Orthopsychiatry*, 87, 242-255. doi:10.1037/ort0000146
17. Rakhlin, N., Kornilov, S. A., & Grigorenko, E. L. (2017). Reading acquisition in Russian. In L.T.V. Verhoeven & C. Perfetti (Eds.), *Learning to read across languages and writing systems* (pp. 393-415). Cambridge: Cambridge University Press.
18. Randi, J., Grigorenko, E. L. Introduction to the special issue on creating argument. *Learning Disabilities: A Contemporary Journal*, 15, 1–14.

Colin N. Haile

1. **Haile CN**, Kosten TA.(2017) The peroxisome proliferator-activated receptor alpha agonist fenofibrate attenuates alcohol self-administration in rats. *Neuropharmacology*. Jan 11;116:364-370. doi: 10.1016/j.neuropharm.2017.01.007.
2. Mahoney JJ 3rd, **Haile CN**, De La Garza R 2nd, Thakkar H, Newton TF. (2017) Electrocardiographic characteristics in individuals with cocaine use disorder. *Am J Addict*. Mar 1. doi: 10.1111/ajad.12524.
3. Ohia-Nwoko O, **Haile CN**, Kosten TA. (2017) Sex differences in the acute locomotor response to methamphetamine in BALB/c mice. *Behav Brain Res*. 2017 Jun 1;327:94-97. doi: 10.1016/j.bbr.2017.03.030. Epub 2017 Mar 27.
4. Mathai DS, Holst M, Rodgman C, **Haile CN**, Keller J, Hussain MZ, Kosten TR, Newton TF,

Verrico CD. (2017) Guanfacine Attenuates Adverse Effects of Dronabinol (THC) on Working Memory in Adolescent-Onset Heavy Cannabis Users: A Pilot Study. *J Neuropsychiatry Clin Neurosci*. 2017 Jun 23;appineuropsych16120328. doi: 10.1176/appi.neuropsych.16120328.

Sascha Hein

1. Haeffel, G., **Hein, S.**, Square, A., Macomber, D., Lee, M., Chapman, J., & Grigorenko, E. L. (2017). Evaluating a social problem solving intervention for juvenile detainees: Depressive outcomes and moderators of effectiveness. *Development and Psychopathology*, 29(3), 1035-1042. Impact factor = 3.646
2. Haeffel, G., Hershenberg, R., Goodson, J. T., **Hein, S.**, Square, A., Grigorenko, E. L., & Chapman, J. (2017). The hopelessness theory of depression: Generalizability and clinical utility. *Cognitive Therapy and Research*, 41(4), 543-555. Impact factor = 2.313
3. **Hein, S.**, Barbot, B., Square, A., Chapman, J., Foley Geib, C., & Grigorenko, E. L. (2017). Violent offending among juveniles: A 7-year longitudinal study of recidivism, desistance, and associations with mental health. *Law and Human Behavior*, 41(3), 273-283. Impact factor = 2.822
4. **Hein, S.**, Tan, M., Rakhlin, N., Doyle, N., Hart, L., Macomber, D., Ruchkin, V., & Grigorenko, E. L. (2017). Psychological and sociocultural adaptation of children adopted from Russia and their associations with pre-adoption risk factors and parenting. *Journal of Child and Family Studies*, 26(10), 2669-2680. Impact factor = 1.386
5. Rakhlin, N., **Hein, S.**, Doyle, N., Hart, L., Koposov, R., Macomber, D., Ruchkin, V., Strelina, A., Tan, M., & Grigorenko, E. L. (2017). Sources of heterogeneity in developmental outcomes of children with past and current experiences of institutionalization in Russia: A four-group comparison. *American Journal of Orthopsychiatry*, 87(3), 242-255. Impact factor = 1.692

Nuri F. Ince

1. Thomas Potter, Sheng Li, Thinh Nguyen, Trac Nguyen, **Nuri F. Ince** & Yingchun Zhang, "Characterization of Volume-Based Changes in Cortical Auditory Evoked Potentials and Prepulse Inhibition". *Nature Scientific Reports*, Article number: 11098 (2017). doi:10.1038/s41598-017-11191-3
2. Thompson, J.A., Tekriwal, A., Felsen, G., Ozturk, O., Telkes, I., Wu, J., **Ince, N.F.**, Abosch, A. (2017). "Sleep patterns in Parkinson's disease: direct recordings from the subthalamic nucleus", *J Neurol Neurosurg Psychiatry*, August 2017;0:1–11. doi:10.1136/jnnp-2017-3161.
3. Su Liu, Michael M. Quach, Daniel J. Curry, Monika Ummat, Elaine Seto, **Nuri F. Ince**, "High frequency oscillations detected in ECoG recordings correlate with cavernous malformation and seizure free outcome in a child focal epilepsy: a case report", *Epilepsia Open*, May 2017, 2: 267–272. doi:10.1002/epi4.12056
4. T. Jiang, T. Jiang; T. Wang, S. Mei; Q. Liu, Y. Li, X. Wang, S. Prabhu, Z. Sha, **N. F. Ince**, "Characterization and Decoding the Spatial Patterns of Hand Extension/Flexion using High-density ECoG," in *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, January 4 2017, vol.PP, no.99, pp.1-1, doi: 10.1109/TNSRE.2016.2647255
5. Tianxiao Jiang, Tao Jiang, Taylor Wang, Shanshan Mei, Qingzhu Liu, Yunlin Li, Xiaofei Wang, Sujit Prabhu, Zhiyi Sha, and **Nuri F. Ince**, "Investigation of the Influence of ECoG Grid Spatial Density on Decoding Hand Flexion and Extension," in *IEEE International Conference on System*,

Man, and Cybernetics (SMC) October 2017, Banff Canada. (Accepted)

6. Tianxiao Jiang, Hasan Siddiqui, Shruti Ray, Priscella Asman, Musa Ozturk, **Nuri F. Ince**, A Portable Platform to Collect and Review Behavioral Data Simultaneously with Neurophysiological Signals, 39th IEEE Engineering in Medicine and Biology Conference (EMBC) July 2017, Jeju Island Korea.

Therese A. Kosten

1. Zhou JJ, Gao Y, Kosten TA, Zhao Z, Li DP. Acute stress diminishes M-current contributing to elevated activity of hypothalamic-pituitary-adrenal axis. *Neuropharmacology*, 114:67-76, 2017.
2. Haile CN, Kosten TA. The peroxisome proliferator-activated receptor alpha agonist fenofibrate attenuates alcohol self-administration in rats. *Neuropharmacology*, 116:364-370, 2017.
3. Ohia-Nwoko O, Haile CN, Kosten TA. Sex differences in the acute locomotor response to methamphetamine in BALB/c mice. *Behavioural Brain Research*, 327:94-97, 2017.
4. Nieto SJ, Kosten TA. Female Sprague-Dawley rats display greater appetitive and consummatory responses to alcohol. *Behavioural Brain Research*, 327:155-161, 2017.
5. Gao Y, Zhou JJ, Zhu Y, Wang L, Kosten TA, Zhang X, Li DP. Neuroadaptations of presynaptic and postsynaptic GABAB receptor function in the paraventricular nucleus in response to chronic unpredictable stress. *British Journal of Pharmacology*, 174:2929-2940, 2017.
6. Gao Y, Zhou J-J, Zhu Y, Kosten TA, Li D-P. Chronic unpredictable mild stress induces loss of GABA inhibition in corticotrophin-releasing hormone neurons through NKCC1 upregulation. *Neuroendocrinology*, 104:194-208, 2017.

Paulina A. Kulesz

1. Ware, A.L., **Kulesz, P.A.**, Juranek, J., Cirino, P.T., Fletcher, J.M. (2017). Cognitive control and associated neural correlates in adults with spina bifida myelomeningocele. *Neuropsychology*, 31(4), 411-423.
2. Arrington, C.N., **Kulesz, P.A.**, Juranek, J., Cirino, P.T., Fletcher, J.M. (2017). White matter microstructure integrity in relation to reading proficiency. *Brain and Language*, 174, 103-111.
3. Bakhshaie, J., **Kulesz, P.A.**, Garey, L., Langdon, K.J., Businelle, M.S., Leventhal, A.M., Gallagher, M.W., Schmidt, N.B., Manning, K., Goodwin, R., & Zvolensky, M.J. (2017). A prospective investigation of the synergistic effect of change in anxiety sensitivity and dysphoria on tobacco withdrawal. *Journal of Consulting and Clinical Psychology*. doi: 10.1037/ccp0000256.
4. Wolters, CA, Barnes, MA, Kulesz, PA, York, MJ, & Francis, DJ (2017). Examining a motivational treatment and its impact on adolescents' reading comprehension and fluency. *Journal of Educational Research*, 110(1), 98-109.

J. LEIGH LEASURE

1. Barton EA, Baker C & Leasure JL (2017) Investigation of sex differences in the microglial response to binge ethanol and exercise. *Brain Sciences*, 7(10). pii: E139. doi: 10.3390/brainsci7100139.
2. Najjar LZ, Young CM, Leasure JL, Henderson CE & Neighbors C (2017) Religious perceptions of alcohol consumption and drinking behaviours among religious and non-religious groups. *Mental Health, Religion & Culture*, 19:1028-1041.

3. Barton EA, Lu Y, Megjani M, Kulkarni P, Maynard M, Roysam B & Leasure JL (2017) Binge alcohol alters exercise-driven neuroplasticity. *Neuroscience*, 343:165-173.

Jeremy Miciak

1. Fletcher, J. M., & Miciak, J. (2017). Comprehensive cognitive assessments are not necessary for the identification of learning disabilities. *Archives of Clinical Neuropsychology*, 32(1), 2-7.
2. Cirino, P. T., Miciak, J., Gerst, E., Barnes, M. A., Child, A., & Huston-Warren, E. (2017). Executive function, self-regulated learning, and reading comprehension: Training studies. *Journal of Learning Disabilities*, 50(4), 450-467.
3. Miciak, J., & Fletcher, J. M. (2017). Specific Learning Disorder: Treatment. In K. Allison, J. Binder, L. Feliciano, E. Flannery-Schroeder, D. Haaga... & N. Stolar. *The SAGE Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: Sage Publications, Inc.
[doi:/10.4135/9781483365817.n1309](https://doi.org/10.4135/9781483365817.n1309)
4. Taylor, W.P., Miciak, J., & Fletcher, J.M., & Francis, DJ. (2017). Cognitive discrepancy models for specific learning disabilities identification: Simulations of psychometric limitations. *Psychological Assessment*, 29(4), 446-457. **NIHMS: 793430**

Oxana Naumova

1. Naumova, O.Yu., Dozier, M., Dobrynin, P. V., Grigorev, K., Wallin, A., Jeltova, I., Lee, M., Raefski, A., Grigorenko, E.L. (2017). Developmental Dynamics of the Epigenome: A Longitudinal Study of Three Toddlers. *Neurotoxicology and Teratology*, doi:10.1016/j.ntt.2017.12.006
2. Naumova, O. Y., Rychkov, S. Y., Kuznetzova, T. V., Odintsova, V. V., Kornilov, S. A., Grigorenko, E. L. (2017). DNA Methylation Alterations in the Genome of a Toddler with Cri-du-Chat Syndrome. *Clinical Case Reports*, 6(1), 14-17.
3. Naumova, O. Yu., Rychkov, S. Yu., Odintsova, V. V., Kornilov, S. A., Shabalina, E. V., Antsiferova, D. V., Zhukova O.V., Grigorenko, E.L. (2017). Aberrant DNA Methylation in Lymphocytes of Children with Neurodevelopmental Disorders. *Russian Journal of Genetics*, 53(11), 1243-1258.

Daniel Price

1. “An Exploratory Decision Tree Analysis to Predict Physical Activity Compliance Rates in Breast Cancer Survivors,” Raheem J. Paxton, Lingfeng Zhang, Changshuai Wei, **Daniel Price**, Fan Zhang, Kerry S. Courneya and Ioannis A. Kakadiaris, *Ethnicity and Health*, September, 2017.
2. “Investigation of Primary Factors Affecting the Variation of Modeled Oak Pollen Concentrations: A Case Study for Southeast Texas in 2010,” Wonbae Jeon, Yunsoo Choi, Anirban Roy, Shuai Pan, **Daniel Price**, Mi-Kyoung
3. Hwang, Kyu Rang Kim, and Inbo Oh, *Asia-Pacific Journal of Atmospheric Sciences*, May, 2017.
4. “Plato’s Protagoras: The Authority of Beginning an Education,” *Contemporary Encounters with Ancient Metaphysics*, edited by Greenstine, Jacob and Ryan Johnson, Edinburgh University Press, 2017.

Shaefali Pillai Rodgers

1. Sahnoune, I., Inoue, T., Kesler, S.R., **Rodgers S.P.**, Sabek, O.M., Pedersen, S.E., et al. (2017). Exercise Ameliorates Neurocognitive Impairments in a Translational Model of Pediatric

Radiotherapy. *Neuro-Oncology*, nox197.

CARLA SHARP

2. Brandt, C. P., *Jardin, C., **Sharp, C.**, & Zvolensky, M. (2017). Main and Interactive Effects of Emotion Dysregulation and HIV Symptom Severity on Quality of Life among Persons Living with HIV/AIDS. *AIDS Care*, 4, 498-506. [IF:2.095]
3. Beck, E., **Sharp, C.**, Poulsen, S., Bo, S., Pedersen, J., & Simonsen, E. (2017). The mediating role of mentalizing capacity between parents and peer attachment and adolescent borderline personality disorder. *Borderline Personality Disorder and Emotion Dysregulation*, 4(23).
4. Vanwoerden, S., *Kalpakci, A., & **Sharp, C.** (2017). The relations between inadequate parent- child boundaries and borderline personality disorder in adolescence. *Psychiatry Research*, 257: 462-471. [IF: 2.837].
5. Hill, R., *Hatkevich, C., Kazimi, I., & **Sharp, C.** (2017). The Columbia-Suicide Severity Rating Scale: Associations between Interrupted, Aborted, and Actual Suicide Attempts among Adolescent Inpatients. *Psychiatry Research*, 255, 338-340. [IF: 2.52]
6. Wall, K., **Sharp, C.**, Ahmed, Y., Goodman, M. & Zanarini, M.C. (2017). Parent-Adolescent Concordance on the Revised Diagnostic Interview for Borderlines (DIB-R) and the Childhood Interview for Borderline Personality Disorder (CI-BPD). *Personality and Mental Health*, 11(3), 179-188.[IF: 1.393]
7. Chanen, A[§]., **Sharp, C[§]**., Hoffman, P., and the Global Alliance for Prevention and Early Intervention for Borderline Personality Disorder (2017). Prevention and early intervention for borderline personality disorder: a public health priority. *World Psychiatry*, 16(2), 215-216. [IF: 20.205].[§]Joint first authors
8. Miles, S. R., **Sharp, C.**, Teten Tharp, A., Stanford, M., Stanley, M., Thompson, K. E. & Kent, T. A. (2017). Emotion Dysregulation as an Underlying Mechanism of Aggression: Reviewing Empirical Data to Inform Treatments for Those who Perpetrate Violence. *Aggression and Violent Behavior: A Review Journal*, 34, 147-153.
9. Venta, A., *Hatkevich, C., **Sharp, C.**, & Rotenberg, K. (2017). Low Emotional Trust in Mothers is Associated with Increased Suicide Attempts in Inpatient Adolescents with Depressive Symptoms. *Journal of Social and Clinical Psychology*, 36(3), 221-237. [IF: 1.52]
10. *Ibraheim, M., *Kalpakci, A., & **Sharp, C.** (2017). The specificity of emotion dysregulation in adolescents with borderline personality disorder: Comparison with psychiatric and healthy controls. *Borderline Personality Disorder/Emotion Dysregulation*, 4 (1), 1.
11. Madan, A., Fowler, J.C., Patriquin, M.A., Salas, R., Baldwin, P.R., Velasquez, K.M., Viswanath, H., Molfese, D.L., **Sharp, C.**, Allen, J., Hardesty, S., Oldham, J., & Frueh, B.C. (2017). A novel approach to identifying a neuroimaging biomarker for patients with serious mental illness. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 29(3), 275-283.
12. Hill, R. M., *Mellick, W., Temple, J. R., & **Sharp, C.** (2017). The role of bullying in depressive symptoms from adolescence to emerging adulthood: A growth mixture model. *Journal of Affective Disorders*, 207,1-8.
13. *Mellick, W., *Vanwoerden, S., & **Sharp, C.** (2017). Experiential avoidance in the vulnerability to

depression among adolescent females. *Journal of Affective Disorders*, 208, 497-502. [IF: 3.845]

14. **Sharp, C.** (2017). Bridging the gap: The assessment and treatment of adolescent personality disorder in routine clinical care. *Archives of Disease in Childhood*, 102(1), 103-108. [IF: 3.231].
15. *Sommer, J., Babcock, J., & **Sharp, C.** (2017). A Dyadic Analysis of Partner Violence and Adult Attachment. *Journal of Family Violence*. 32(3), 279-290.
16. *Garey, L., *Jardin, C., Kauffman, B. Y., **Sharp, C.**, Neighbors, C., Schmidt, N. B., & Zvolensky, M. J. (2017). Psychometric evaluation of the Barriers to Cessation Scale. *Psychological Assessment*, 29(7), 844-856.
17. Jardin, C., **Sharp, C.**, *Garey, L., *Vanwoerden, S., *Crist, N., Elhai, J. D., & Zvolensky, M. J. (2017). Compelled to risk: Does sexual compulsivity explain the connection between borderline personality traits and risky sexual behaviors. *Journal of Personality Disorders*, 31, 1-15. [IF: 3.158]
18. Venta, A., *Hatkevich, C., *Mellick, W., *Vanwoerden, S., & **Sharp, C.** (2017). Social Cognition Mediates the Relation between Attachment Schemas and Post-Traumatic Stress Disorder. *Psychological Trauma: Theory, Research, Practice, and Policy*, 9 (1), 88-95. [IF: 2.405]
19. Brandt, C. P., Bakhshaie, J., Jardin, C., Lemaire, C., Kauffman, B. Y., **Sharp, C.**, & Zvolensky, M. J. (2017). The Moderating Effect of Smoking Status on the Relation Between Anxiety Sensitivity and Hazardous Alcohol Use, Sexual Compulsivity, and Suicidality among Persons Living with HIV/AIDS. *International Journal of Behavioral Medicine* 24 (1), 92-100.
20. Jardin, C., **Sharp, C.**, Garey, L., & Zvolensky, M. (2017). The role of impulsivity in the relation between negative affect and sexual HIV-risk behaviors. *Journal of Sex & Marital Therapy*, 43(3), 250-263.
21. Jardin, C., *Venta, A., Newlin, E., Ibarra, S., & **Sharp, C.** (2017). Secure attachment moderates the relation of sexual trauma with trauma symptoms among adolescents from an inpatient psychiatric facility. *Journal of Interpersonal Violence*, 32(10), 1565-1585. [IF: 1.210]
22. Bo, S., **Sharp, C.**, Fonagy, P., & Kongerslev, M. (2017). Hypermentalizing, attachment and epistemic trust in adolescent BPD: Clinical illustrations. *Personality Disorders: Theory, Research and Treatment*, 8(2), 172-182. [IF: 3.540]

William Pat Taylor

1. Miciak, J., Roberts, G., **Taylor, W. P.**, Solis, M., Vaughn, S., & Fletcher, J. (2017). The effects of a two-year, intensive reading intervention implemented with late elementary struggling readers. *Learning Disabilities Research & Practice*. doi: 10.1111/ldrp.12159
2. **Taylor, W. P.**, Miciak, J., Fletcher, J., & Francis, D. J. (2017) Cognitive discrepancy models for specific learning disabilities identification: simulations of psychometric limitations. *Psychological Assessment*. doi: 10.1037/pas0000356

ANDRES G. VIANA

1. **Viana, A. G.**, Paulus, D. J., Garza, M., Lemaire, C., Bakhshaie, J., Berger Cardoso, J. A., Ochoa-Perez, M., Valdivieso, J., & Zvolensky, M.J. (2017). Rumination and PTSD symptoms among trauma-exposed Latinos in primary care: Is mindful attention helpful? *Psychiatry Research*, 258, 244-249.

2. **Viana, A. G.,** *Hanna, A. E., *Raines, E. M., *Woodward, E. C., Paulus, D. J., Berenz, E. C., & Zvolensky, M. J. (2017). PTSD symptoms among trauma-exposed inpatient adolescents: The role of emotional nonacceptance and anxiety symptom severity. *Journal of Nervous and Mental Disease*, 205, 879-885.
3. Paulus, D. J., **Viana, A. G.,** Ditre, J. W., Bakhshaie, J., Garza, M., Cardoso, J. B., Valdivieso, J., Ochoa-Perez, M., Lemaire, C., & Zvolensky, M. J. (2017). Synergistic effects of pain and alcohol use in relation to depressive and anxiety symptoms among Latinos in primary care. *Cognitive Behaviour Therapy*, 46, 478-492.
4. **Viana, A. G.,** Paulus, D. J., Bakhshaie, J., Garza, M., Valdivieso, J., Ochoa-Perez, M., Lemaire, C., Berger Cardoso, J., & Zvolensky, M. J. (2017). Emotional nonacceptance within the context of traumatic event exposure: The explanatory role of anxiety sensitivity for traumatic stress symptoms and disability among Latinos in primary care setting. *General Hospital Psychiatry*, 44, 30-37.
5. **Viana, A. G.,** *Dixon, L. J., Berenz, E., & *Espil, F. M. (2017). Trauma and deliberate self-harm among inpatient adolescents: The moderating role of anxiety sensitivity. *Psychological Trauma: Theory, Research, Practice, and Policy*, 9, 509-517.
6. Paulus, D. J., Bakhshaie, J., Ditre, J. W., **Viana, A. G.,** Garza, M., Valdivieso, J., Ochoa-Perez, M., Lemaire, C., & Zvolensky, M.J. (2017). Emotion dysregulation in the context of pain and alcohol use among Latinos in primary care. *Journal of Studies on Alcohol and Drugs*, 78, 938-944.
7. Paulus, D. J., Valadka, J., Businelle, M. S., Gallagher, M.W., **Viana, A. G.,** Schmidt, N. B., & Zvolensky, M. J. (2017). Emotion dysregulation explains associations between anxiety sensitivity and hazardous drinking and drinking motives among adult treatment-seeking smokers. *Psychology of Addictive Behaviors*, 31, 189-199.
8. Paulus, D. J., Gallagher, M.W., Rogers, A. H., **Viana, A. G.,** Garza, M., Valdivieso, J., Ochoa-Perez, M., Lemaire, C., Bakhshaie, J., & Zvolensky, M. J. (2017). Emotion dysregulation as a mechanism linking anxiety to alcohol use and hazardous drinking among Latinos in primary care. *The American Journal on Addictions*, 26, 615-622.
9. Bakhshaie, J., Kauffman, B.Y., **Viana, A.G.,** Monica, G., Ochoa-Perez, M., Lemaire, C., Bogiaizian, D., Robles, Z., Zvolensky, M.J. (2017). Synergistic effects of pain intensity and experiential avoidance in relation to anxiety symptoms and disorders among economically disadvantaged Latinos in a community-based primary care setting. *Journal of Anxiety Disorders*, 48, 54-62.
10. Bakhshaie, J., Paulus, D.J., Medvedeva, A., Otal, T., Lemaire, C., Garza, M., Ochoa-Perez, M., Valdivieso, J., Bogiaizian, D., Robles, Z., **Viana, A. G.,** Collado, A., Schmidt, N.B., & Zvolensky, M.J. (2017). The differential role of anxiety sensitivity and its components in the relation between emotional nonacceptance and anxiety and depressive symptoms and disorders among Latinos in

primary care. *Journal of Psychopathology and Behavioral Assessment*, 39, 563-574.

11. **Viana, A. G.**, Palmer, C. A., Zvolensky, M. J., Alfano, C. A., Dixon, L. J. & Raines, E. (2017). Children's behavioral inhibition and anxiety disorder symptom severity: The role of individual differences in respiratory sinus arrhythmia. *Behaviour Research and Therapy*, 93, 38 – 46.
12. **Viana, A. G.**, Kiel, E. L., Alfano, C. A., Dixon, L. J., & Palmer, C. A. (2017). The contribution of temperamental and cognitive factors to childhood anxiety disorder symptoms: A closer look at negative affect, behavioral inhibition, and anxiety sensitivity. *Journal of Child and Family Studies*, 26, 194-204.
13. Zvolensky, M. J., Paulus, D. J., Bakhshaie, J., **Viana, A. G.**, Garza, M., Manning, K., Rodgers, A. H., Berger Cardoso, J., Reitzel, L. R., Valdivieso, J., Ochoa-Perez, M., & Lemaire, C. (2017). Subjective social status and anxiety and depressive symptoms and disorders among low income Latinos in primary care: The role of emotion dysregulation. *Cognitive Therapy and Research*, 41, 686-698.
14. Kiel, E. J., **Viana, A. G.**, Gratz, K. L., & Tull, M. T. (2017). Emotion socialization strategies of mothers with borderline personality disorder symptoms: The role of maternal emotion regulation and interactions with infant temperament. *Journal of Personality Disorders*, 31, 399-416.
15. De Los Reyes, A., Alfano, C. A., Clementi, M. A., & **Viana, A. G.** (2017). Are the clinical characteristics of anxious children participating in non-treatment-related research comparable to those of treatment-seeking youth? *Child and Youth Care Forum*, 46, 1-17.

Ricardo Vilalta

1. (2017) De Souza, R. S., Dantas, M. L. L., Costa-Duarte, M. V., Feigelson, E. D., Killedar, M., Lablanche, P. Y., Vilalta, R., Krone-Martins, A., Beck, R., Gieseke, F. A Probabilistic Approach to Emission-Line Galaxy Classification. *Monthly Notices of the Royal Astronomical Society (MNRAS)*, 472, no. 3, pp. 2808-2822, Oxford University Press.

Yingchun Zhang

2. Li, R[†], Potter, T., Huang W., and **Zhang, Y***. (2017) Enhancing Performance of a Hybrid EEG-fNIRS System Using Channel Selection and Early Temporal Features. *Frontiers in Human Neuroscience*. **IF: 3.2.**
3. Potter, T[†], Li, S., Nguyen, T., Nguyen, T., Ince, N., & **Zhang, Y***. (2017) Characterization of Volume-Based Changes in Cortical Auditory Evoked Potentials and Prepulse Inhibition. *Nature Scientific Reports*. **IF: 4.3.**
4. **Zhang, Y** and Smith, C. (2017) Botulinum Toxin to Treat Pelvic Pain. *Toxicon*. **IF: 2.5.**
5. Zhang, C[†], Munoz, A., Lai, H.H., Boone, T., & **Zhang, Y***. (2017) Motor Unit Number Estimation of External Anal Sphincter in Rat. *Neurourology and Urodynamics*. DOI:10.1002/nau.23313. **IF: 3.6.**
6. Peng, Y[†], and **Zhang, Y***. (2017) Improving the Repeatability of Motor Unit Number Index (MUNIX) by Introducing Additional Epochs at Low Contraction Levels. *Clinical Neurophysiology*. **IF: 3.0.**

7. Zhang, C[†], Peng, Y., Li, S., Zhou, P., Rymer, W.Z., & **Zhang, Y***. (2017) Characterization of the Three-dimensional Innervation Zone Distribution in Muscles from M-wave Recordings. *Journal of Neural Engineering*. 14(3), 036011. **IF: 3.5**.
8. Ning, Y., & **Zhang, Y***. (2017) A Simple Model Approach to Simulate Multi-channel Surface EMG. *Biomedical Engineering Letters*. 1-9.
9. Dias, N[†], Peng, Y[†], Khavari, R., Nakib, N. A., Timm, G. W., Boone, T. B. & **Zhang, Y***. (2017) Pelvic floor dynamics during high-impact athletic activities: A computational modeling study. (†: equal contribution). *Clinical Biomechanics* 41: 20-27. **IF: 1.9**.

e. Technology Transfer Activity

1. Invention disclosures: None have been reported this year.
2. Patent applications (filed & pending): _____
3. Patents received: _____
4. Licenses (current & pending): _____
5. Spin-off companies: Four TIMES faculty are involved in different start-ups through the UH Innovation Center. Specifics of these startups have not yet been reported to the Director.
6. Are there industry members and partnerships with external organizations (please provide details)?

There are numerous collaborations with investigators at other institutions and some industry partnerships, such as Dr. Pavlidis partnership with Toyota, and Dr. Ince's and Zhang's partnerships with institutions in the TMC. Most partnerships are with faculty at other universities.

f. Describe the community outreach and service of the center/institute.

TIMES provides statistical support to faculty at UH and at UH sister institutions on a request for assistance basis. We have processed requests from the UH Animal IRB for assistance with power analyses for faculty, requests for assistance from the UH School of Nursing, and from individual faculty at UH. TIMES faculty are involved in a wide array of service activities from service on grant review committees, journal editorships, and national advisory boards. It is difficult to attribute these activities to TIMES per se, and are really commitments of the tenure track and research faculty to their professions and professional organizations.

V. PLANNED CHANGES FOR PROGRAM IMPROVEMENT

- a. Size (personnel, space) – Does the unit require additional space and/or resources for continued operation?

We have had requests for additional space from individual groups, but have been able to accommodate these for the most part. We are not requesting additional space at this time.

- b. Administrative structure and governance (provide projected new organizational chart).

No changes are planned to the administrative structure. The Director is consider the creation of an Executive Committee consisting of the Directors of CACDS, TORC, BTI, and AMI to work with the Internal Advisory Board to establish a strategic plan for the long term sustainability of the management

infrastructure of TIMES to serve all of the centers.

- c. Any changes to the mission, goals, or objectives?

None planned.

- d. New/updated metrics?

None planned.

VI. CENTERS OR INSTITUTES PROPOSING DISCONTINUATION

- a. Reason for discontinuation.
- b. Proposed activities for phase-out period.
- c. Effective date for discontinuation.