

The KU Open Access Author Fund

Annual Report (July 2017 - June 2018)

The KU One University Open Access Author Fund (OAAF) had a very active year with many applications and more articles published in open access journals for which the OAAF provided at least partial funding. The number of applications received has grown every year, thus increasing the competition for awards and making the criteria and point system even more important. All the articles paid for and published so far have been placed in the KU ScholarWorks institutional repository under “Open Access.”

Included in this report are the statistics for **FY 2018** in the following tables:

Table 1. Numbers of applications and awards

Table 2. Total amount spent and a break down by campus

We’ve also included appendices covering the fund from **Inception (Oct. 2012) through June 2018**:

Appendix A A Short History of the First Six Years of the Open Access Author Fund

Appendix B Cumulative Statistics

Appendix C Highlights of Article-Level Metrics for Selected Papers Funded by the OAAF

Appendix D Full List of Published Papers Funded by the OAAF

Appendix E Applications Received by Unit

Table 1. Statistics for FY 2018

When compared to the figures from the previous fiscal year (July 2016-June 2017), there was an increase in the number of applications received, and a similar number of applications that were rejected. The number of awards that were offered and paid were also close, but there is reason to believe that the number of awards paid will increase over the next few months' as there are currently six unexpired awards.

	2017-18	2016-17
1. Applications Received	63	56
2. Applications Rejected *	31	28
3. Awards Offered	32	29
4. Awards Paid **	18	15

Note: Six of the authors who were offered awards in FY 18 haven't used them as of 8-28-18, so the number of "Awards Paid" might still go up.
The numbers in Lines 2 and 3 above add up to the total number of applications received (Line 1).
Line 4 is a sub-set of Line 3.

* Main reasons why applications were rejected

1. Other applications received higher point totals and there wasn't enough money to fund all eligible applicants during that month's competition. (By far the most common reason.)
2. The author or department / program had already paid the article processing charges. (According to the OAAF guidelines, we cannot provide reimbursements.)
3. The author, journal, or publisher did not meet the OAAF criteria.
4. The application was a duplicate or two different people applied using the same article.
5. The applicant had already received an OAAF award in the previous 12 months.

** Main reasons why awards were not used

1. The manuscript was rejected by the editor / editorial board of the journal.
 2. The publisher required payment before the OAAF review team would make its next round of decisions. (The team meets during the first week of one month to make decisions on all applications received during the previous month.)
 3. The article was published without charge or at a lower fee, which the author was able to cover with grant funds or other available money.
 4. The author did not use the award before it expired (4 months from the award notification date).
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Table 2. Financial Statistics for FY 2018

Amount allocated for FY18	\$25,000
Awards not redeemed in FY17	<u>\$3,321</u>
Total amount available in FY18	\$28,321

As of the end of FY 18, we had \$5323 remaining in the fund, which was rolled over to FY 19.

As of November 13, 2018, there is \$1,250 in reserve for awards made during FY 18 for articles still in the submission process. The portion of those funds not used before the four-month expiration date will be returned to the OAAF for use in FY 19.

Awards by Campus (as of November 13, 2018)

KU Medical Center (All Locations)	\$11,145	51.2%
KU Lawrence / Edwards	<u>\$10,603</u>	48.8%
Total Expenditures	\$21,748	

Note: Total does not include \$1,250 for awards offered but not used.
Dollar amounts have been rounded to the nearest whole dollar.
Percentages have been rounded to equal 100%

Amount Paid per Award

Highest	\$1,575
Lowest	\$200
Average / Mean	\$1,035
Median	\$1,200

What Publishers Charge Authors

The amount of money publishers charged authors applying for awards this year ranged from a high of \$3,920 to a low of \$200. Twenty-eight of the sixty-three charges were over our \$1500 maximum award amount.

Highest	\$3,920
Lowest	\$200
Average / Mean	\$1,653
Median	\$1,495

Appendix A

A Short History of the Open Access Author Fund at KU

The One University Open Access Author Fund (OAAF) at the University of Kansas is administered by the OAAF Review Team composed of library staff at the KU campus in Lawrence and at the KU Medical Center's Dykes Library in Kansas City. Oversight is provided by the sponsors who support the fund – KU's Provost, KU's Vice Chancellor for Research, and the KU Medical Center's Vice Chancellor for Research.

Detailed criteria and eligibility standards, an online application form, a list of awards made, and additional information is available at this URL: <http://library.kumc.edu/authors-fund.xml>. The OAAF began its first two-year pilot program in October of 2012 with \$50,000 allocated equally by the Lawrence campus and the Medical Center. During that first pilot, which closed at the end of June 2014, applications were reviewed on a first-come, first-served basis. This resulted in the entire years' worth of funds being dispersed within four to six months of the opening of the fund.

To ensure that money would be available for an entire fiscal year during the second pilot phase (2014-2016), the OAAF Review Team solicited the advice of the members of the Faculty Consultation Group. Additional criteria, new eligibility standards, and different review periods were developed. In the redesigned competitive process, all the applications received during one month are now reviewed within the first seven business days of the next month. Various levels of weighted priority are now assigned as follows:

- A. Author's status (graduate student, pre-tenured faculty, early career research staff, etc.)
- B. Author's access to grants or other funding
- C. Author's record of previous OA awards received

This second phase of the pilot began in November 2014 with a new allocation of \$50,000 to cover 2014-2016. Awards were made using the new criteria and procedures. The fund has subsequently received \$50,000 in July 2016 and July 2018. The fund will continue to distribute awards through June 2020.

The number of fund applications has ranged between two and nine each month, out of which an average of one to three are approved. All of the articles that are paid for (at least in part) by the OAAF are now available for viewing at the OAAF website here – <http://library.kumc.edu/oa-fund-awards.xml>. The same articles are also added to the KU ScholarWorks Open Access community at: <https://kuscholarworks.ku.edu/handle/1808/11673>.

The OAAF is marketed to faculty and graduate students through our website, social media, email, and group presentations.

Future Plans

The OAAF provides important assistance to help KU's faculty/researchers and students publish in reputable journals that allow for open sharing. One possible action we might take is to conduct an environment scan of other universities' OA fund policies and procedures. We would also like to evaluate article metrics to determine the impact of our OA funded articles from the inception of the fund through the end of the sixth year of trials.

Appendix B

Cumulative Statistics

Totals, Inception - June 2018

The following tables document the outcomes of the OAAF applications and awards process from the inception of the fund (Oct. 2012) through the end of the sixth year (June 2018). For a short history of the fund, see Appendix A above.

Table 1. Totals

Applications Received	292
Applications Denied	120
Awards Offered	172
Awards Paid	112

Note: Six more authors received awards, but haven't used them yet, so "Awards Paid" might go up. Numbers in the second and third lines above add up to the total number of applications received. "Awards Paid" is a sub-set of "Awards Offered."

Table 2. Totals by Administrative Unit

	KU (Lawrence/ Edwards)		KUMC (all campuses)		Total	Percentage (Lawrence/MC)
Applications Received	119	+	173	=	292	40.8% / 59.2%
Applications Denied	45	+	75	=	120	37.5% / 62.5%
Awards Offered	74	+	98	=	172	43.0% / 57.0%
Awards Paid	51	+	61	=	112	45.5% / 54.5%

Note: Six more authors received awards, but haven't requested reimbursement yet, so "Awards Paid" might go up. Numbers in the second and third lines above add up to the total number of applications received. "Awards Paid" is a sub-set of "Awards Offered."

Table 3. Unique Totals

Out of the 292 applications received:

Unique Authors	223
Unique Units	70
Unique Journals	171
Unique Publishers	66

Note: These numbers have no relation to each other and cannot be totaled in any combination.

Table 4. Trends

Number of Applications

The number of applications stayed steady for the first three years prior to a 64.7% increase in the fourth year of the pilot. Additionally, there was a 12.5% increase in the last year.

Applications Received, 2012-2013 -> 32

Applications Received, 2013-2014 -> 38

Applications Received, 2014-2015 -> 34

Applications Received, 2015-2016 -> 56

Applications Received, 2016-2017 -> 57

Applications Received, 2017-2018 -> 63

What the Publishers Charge Authors

The amount of money publishers have charged authors applying for the OAAF awards has ranged from a high of \$5,200 to a low of \$80. The average rates have steadily risen each year.

Amounts Authors Applied For

Authors have applied for amounts of money ranging from the OAAF's maximum of \$1500 to a minimal \$180, with the maximum amount being the one most often requested.

Appendix C

Highlights of Article-Level Metrics for Selected Papers Funded by the OAAF (Inception – September 2018)

The three tables below show the top five articles the OAAF has supported as measured by journal article views, Google Scholar citation rates, and Web of Science citation rates.

1) Top Five OAAF Funded Articles by Number of Journal Article Views

Journal	Journal Article Views	Google Scholar: Cited By	Web of Science	Altmetric score	KU ScholarWorks Views	Name	Article	Publisher	DOI
PLOS ONE	113166	155	28	974	411	Ruth Ann Atchley and Paul Atchley	Creativity in the Wild: Improving Creative Reasoning	Public Library of Science	10.1371/journal.pone.0051474
Frontiers in Neuroscience	12968	12	4	66	41	Michael Cooper	Emerging Relationships between Exercise,	Frontiers	10.3389/fnins.2016.00372
PLOS Genetics	6991	23	16	15	223	Patrick Monnahan	Epistasis Is a Major Determinant of the Additive Genetic	Public Library of Science	10.1371/journal.pgen.1005201
Journal of pharmaceutical policy and practice	6875	18	-	16	282	Arthur Daemmrich	Healthcare reform in the United States and China:	BioMed Central	10.1186/2052-3211-7-9
BMC Evolutionary Biology	5841	22	9	8	202	James Lamsdell	Babes in the wood - a unique window into sea scorpion	BioMed Central	10.1186/1471-2148-13-98

2) Top Five OAAF Funded Articles by Google Scholar Citation Rates

Journal	Journal Article Views	Google Scholar: Cited By	Web of Science	Altmetric score	KU ScholarWorks Views	Name	Article	Publisher	DOI
PLOS ONE	113166	155	28	974	411	Ruth Ann Atchley and Paul Atchley	Creativity in the Wild: Improving Creative Reasoning	Public Library of Science	10.1371/journal.pone.0051474
Scientific Reports	-	65	44	1	202	Shenqiang Ren	Symmetry-Defying Iron Pyrite (FeS₂) Nanocrystals	Nature Publishing Group	10.1038/srep02092
International Journal of Molecular Science	-	62	39	5	-	Devin Cox	The 15q11.2 BP1-BP2 Microdeletion Syndrome: A	Multidisciplinary Digital Publishing	10.3390/ijms16024068
PLOS Computational Biology	4764	40	19	3	174	Eric J. Deeds	Machines vs. Ensembles: Effective MAPK	Public Library of Science	10.1371/journal.pcbi.1003278
ZooKeys	-	36	18	45	281	Rafe Brown	The amphibians and reptiles of Luzon Island,	Pensoft	10.3897/zookeys.266.3982

3) Top Five OAAF Funded Articles by Web of Science Citation Rates

Journal	Journal Article Views	Google Scholar: Cited By	Web of Science	Altmetric score	KU ScholarWorks Views	Name	Article	Publisher	DOI
Scientific Reports	-	65	44	1	202	Shenqiang Ren	Symmetry-Defying Iron Pyrite (FeS₂) Nanocrystals	Nature Publishing Group	10.1038/srep02092
International Journal of Molecular Science	-	62	39	5	-	Devin Cox	The 15q11.2 BP1-BP2 Microdeletion Syndrome: A	Multidisciplinary Digital Publishing	10.3390/ijms16024068
PLOS ONE	113166	155	28	974	411	Ruth Ann Atchley and Paul Atchley	Creativity in the Wild: Improving Creative Reasoning	Public Library of Science	10.1371/journal.pone.0051474
Optics Express	1096	26	20	-	201	Rongqing Hui	Complex-optical-field lidar system for range and	Optics Society of America	10.1364/OE.20.025867
PLOS Computational Biology	4764	40	19	3	174	Eric J. Deeds	Machines vs. Ensembles: Effective MAPK	Public Library of Science	10.1371/journal.pcbi.1003278

Appendix D

Full List of Published Papers Funded by the OAAF

Date Published	Authors	Article Title	Journal Title	DOI
11/5/2012	Gao, Shuang; O'Sullivan, Maurice; Hui, Rongqing	Complex-optical-field lidar system for range and vector velocity measurement	Optics Express	10.1364/OE.20.025867
11/7/2012	Ndolo, Rosemary A.; Luan, Yepeng; Duan, Shaofeng; Forrest, M. Laird; Krise, Jeffrey P.	Lysosomotropic Properties of Weakly Basic Anticancer Agents Promote Cancer Cell Selectivity In Vitro	PLoS ONE	10.1371/journal.pone.0049366
11/19/2012	Engel, Michael; Michener, Charles	The melectine bee genera <i>Brachymelecta</i> and <i>Sinomelecta</i> (Hymenoptera, Apidae)	ZooKeys	10.3897/zookeys.244.3979
11/21/2012	Ward, Joy K.; Samanta Roy, Debosree; Chatterjee, Iera; Bone, Courtney R.; Springer, Clint J.; Kelly, John K.	Identification of a Major QTL That Alters Flowering Time at Elevated [CO ₂] in <i>Arabidopsis thaliana</i>	PLoS ONE	10.1371/journal.pone.0049028
12/12/2012	Atchley, Ruth Ann; Strayer, David L.; Atchley, Paul	Creativity in the Wild: Improving Creative Reasoning through Immersion in Natural Settings	PLoS ONE	10.1371/journal.pone.0051474
12/20/2012	Costa, Flávia C.; Fedosyuk, Halyna; Chazelle, Allen M.; Neades, Renee Y.; Peterson, Kenneth R.	Mi2 β Is Required for γ -Globin Gene Silencing: Temporal Assembly of a GATA-1-FOG-1-Mi2 Repressor Complex in β -YAC Transgenic Mice	PLoS Genetics	10.1371/journal.pgen.1003155
12/20/2012	Alexander, Helen M.; Reed, Aaron W.; Kettle, W. Dean; Slade, Norman A.; Bodbyl Roels, Sarah A.; Collins, Cathy D.; Salisbury, Vaughn	Detection and Plant Monitoring Programs: Lessons from an Intensive Survey of <i>Asclepias meadii</i> with Five Observers	PLoS ONE	10.1371/journal.pone.0052762

1/24/2013	Dentler, William	A Role for the Membrane in Regulating Chlamydomonas Flagellar Length	PLoS ONE	10.1371/journal.pone.0053366
2/7/2013	Brown, Rafe; Siler, Cameron; Oliveros, Carl; Welton, Luke; Rock, Ashley; Swab, John; Van Weerd, Merlijn; van Beijnen, Jonah; Rodriguez, Dominic; Jose, Edmund; Diesmos, Arvin	The amphibians and reptiles of Luzon Island, Philippines, VIII: the herpetofauna of Cagayan and Isabela Provinces, northern Sierra Madre Mountain Range	ZooKeys	10.3897/zookeys.266.3982
3/12/2013	Herrington, Luke	Globalization and Religion in Historical Perspective: A Paradoxical Relationship	Religions	10.3390/rel4010145
3/14/2013	Jo, Sunhwan; Lee, Hui Sun; Skolnick, Jeffrey; Im, Wonpil	Restricted N-glycan Conformational Space in the PDB and Its Implication in Glycan Structure Modeling	PLoS Computational Biology	10.1371/journal.pcbi.1002946
5/1/2013	Bhattacharya, Rajib; Rigler; Mahnken	Impact of admission blood glucose level on outcomes in community-acquired pneumonia in older adults	International Journal of General Medicine	10.2147/IJGM.S42854
5/10/2013	Lamsdell, James C; Selden, Paul A	Babes in the wood – a unique window into sea scorpion ontogeny	BMC Evolutionary Biology	10.1186/1471-2148-13-98
5/16/2013	Politzer-Ahles, Stephen; Fiorentino, Robert	The Realization of Scalar Inferences: Context Sensitivity without Processing Cost	PLoS ONE	10.1371/journal.pone.0063943
5/25/2013	Sankaranarayanan, Hemaiyer; Kulkarni, Prasad A.	Source-to-Source Refactoring and Elimination of Global Variables in C Programs	Journal of Software Engineering and Applications	10.4236/jsea.2013.65033
8/27/2013	Siew, Cynthia S. Q.	Community structure in the phonological network	Frontiers in Psychology	10.3389/fpsyg.2013.00553

9/24/2013	Botanov, Yevgeny; Ilardi, Stephen S.	The Acute Side Effects of Bright Light Therapy: A Placebo-Controlled Investigation	PLoS ONE	10.1371/journal.pone.0075893
10/10/2013	Suderman, Ryan; Deeds, Eric J.	Machines vs. Ensembles: Effective MAPK Signaling through Heterogeneous Sets of Protein Complexes	PLoS Computational Biology	10.1371/journal.pcbi.1003278
11/13/2013	Vitevitch, Michael S.; Sereno, Joan; Jongman, Allard; Goldstein, Rutherford	Speaker Sex Influences Processing of Grammatical Gender	PLoS ONE	10.1371/journal.pone.0079701
11/21/2013	Chandrakesan, Parthasarathy; Jakkula, Laxmi Uma Maheswar Rao; Ahmed, Ishfaq; Roy, Badal; Anant, Shrikant; Umar, Shahid	Differential Effects of β -catenin and NF- κ B Interplay in the Regulation of Cell Proliferation, Inflammation and Tumorigenesis in Response to Bacterial Infection	PLoS ONE	10.1371/journal.pone.0079432
12/1/2013	Rigler, Sally K; Wetmore, James B; Mahnken, Jonathan D; Dong, Lei; Ellerbeck, Edward F; Shireman, Theresa I	Impact of a modified data capture period on Liu comorbidity index scores in Medicare enrollees initiating chronic dialysis	BMC Nephrology	10.1186/1471-2369-14-51
12/1/2013	Gong, Maogang; Kirkemide, Alec; Ren, Shenqiang	Symmetry-Defying Iron Pyrite (FeS ₂) Nanocrystals through Oriented Attachment	Scientific Reports	10.1038/srep02092
12/1/2013	Yang, Shang-You; Li, Nianhu; Zhang, Jianxin; Wooley, Paul; Xu, Zhanwang	Therapeutic potentials of naringin on polymethylmethacrylate induced osteoclastogenesis and osteolysis, in vitro and in vivo assessments	Drug Design, Development and Therapy	10.2147/DDDT.S52714
12/30/2013	Meinhardt, Sarah; Manley, Michael W.; Parente, Daniel J.; Swint-Kruse, Liskin	Rheostats and Toggle Switches for Modulating Protein Function	PLoS ONE	10.1371/journal.pone.0083502
1/1/2014	Brimacombe, Michael	Genomic aggregation effects and Simpson's paradox	Open Access Medical Statistics	10.2147/OAMS.S52288

1/9/2014	Pérez, Carlos; Torres, Rodolfo H.	Minimal regularity conditions for the end-point estimate of bilinear Calderón-Zygmund operators	Proceedings of the American Mathematical Society, Series B	10.1090/S2330-1511-2014-00009-2
2/1/2014	Bhattacharya, Rajib; Vaishnav, Niralee; Dubinsky, Richard	Is there an increased risk of hip fracture in multiple sclerosis? Analysis of the Nationwide Inpatient Sample	Journal of Multidisciplinary Healthcare	10.2147/JMDH.S54786
3/1/2014	Siengsukon, Catherine; Al-Sharman, Alham	Time rather than sleep appears to enhance off-line learning and transfer of learning of an implicit continuous task	Nature and Science of Sleep	10.2147/NSS.S53789
3/1/2014	Pawar, Rahul; Williams, Travis; Khera, Rahul; Eid, Albert; Dusing, Reginald; Aljitawi, Omar	Inflammatory response following neutrophil recovery postchemotherapy in acute myeloid leukemia cases without evidence of infection: role of homing of neutrophils	Journal of Blood Medicine	10.2147/JBM.S53616
3/1/2014	Shaw, Donita Massengill	The Impact of Word Study Intervention on Adult English Learners' Spelling and Reading	Journal of Language Teaching and Research	10.4304/iltr.5.2.245-252
3/1/2014	Mullen, Scott; Cotton, Jon; Bechtold, Megan; Toby, E. Bruce	Barefoot Running: The Effects of an 8-Week Barefoot Training Program	Orthopaedic Journal of Sports Medicine	10.1177/2325967114525582
3/4/2014	Wang, Xinkun; Patel, Nilam D; Hui, Dongwei; Pal, Ranu; Hafez, Mohamed M; Sayed-Ahmed, Mohamed M; Al-Yahya, Abdulaziz A; Michaelis, Elias K	Gene expression patterns in the hippocampus during the development and aging of Glud1 (Glutamate Dehydrogenase 1) transgenic and wild type mice	BMC Neuroscience	10.1186/1471-2202-15-37
4/1/2014	Bhattacharya, Shelley; Rossi, Michelle; Mentz, Jennifer	Optimizing strategies to improve interprofessional practice for veterans, part 1	Journal of Multidisciplinary Healthcare	10.2147/JMDH.S51010

11/18/2014	Goldstein, Rutherford; Vitevitch, Michael S.	The influence of clustering coefficient on word-learning: how groups of similar sounding words facilitate acquisition	Frontiers in Psychology	10.3389/fpsyg.2014.01307
12/1/2014	Santaularia, Jeanie; Johnson, Monica; Hart, Laurie; Haskett, Lori; Welsh, Ericka; Faseru, Babalola	Relationships between sexual violence and chronic disease: a cross-sectional study	BMC Public Health	10.1186/1471-2458-14-1286
12/1/2014	Kasi Loknath Kumar, Anup; Dakhil, Christopher; Teeka Satyan, Megha; Haideri, Nisreen	Extramedullary progression of multiple myeloma despite concomitant medullary response to multiple combination therapies and autologous transplant: a case report	Journal of Medical Case Reports	10.1186/1752-1947-8-299
2/13/2015	Cox, Devin; Butler, Merlin	The 15q11.2 BP1–BP2 Microdeletion Syndrome: A Review	International Journal of Molecular Sciences	10.3390/ijms16024068
3/4/2015	Pacheco, Joseph; Pacheco, Christina; Lewis, Charley; Williams, Chandler; Barnes, Charles; Rosenwasser, Lanny; Choi, Won; Daley, Christine	Ensuring Healthy American Indian Generations for Tomorrow through Safe and Healthy Indoor Environments	International Journal of Environmental Research and Public Health	10.3390/ijerph120302810
3/23/2015	Wildgen, Sarah; Dunn, Robert	Whispering Gallery Mode Resonators for Rapid Label-Free Biosensing in Small Volume Droplets	Biosensors	10.3390/bios5010118
4/1/2015	Cherry, J. Bradley C.; Bruce, Jared M.; Lusk, Jayson L.; Crespi, John M.; Lim, Seung-Lark; Bruce, Amanda S.	Neurofunctional Correlates of Ethical, Food-Related Decision-Making	PLOS ONE	10.1371/journal.pone.0120541
5/6/2015	Monnahan, Patrick J.; Kelly, John K.	Epistasis Is a Major Determinant of the Additive Genetic Variance in <i>Mimulus guttatus</i>	PLOS Genetics	10.1371/journal.pgen.1005201

5/27/2015	Fontes, Joseph D.; Ramsey, Jon; Polk, Jeremy M; Koop, Andre; Denisova, Janna V.; Belousov, Andrei B.	Death of Neurons following Injury Requires Conductive Neuronal Gap Junction Channels but Not a Specific Connexin	PLOS ONE	10.1371/journal.pone.0125395
5/28/2015	Cho, Hyesun	"I Love this Approach, But Find It Difficult to Jump in with Two Feet!" Teachers' Perceived Challenges of Employing Critical Literacy	English Language Teaching	10.5539/elt.v8n6p69
6/14/2015	Daemmrich, Arthur; Mohanty, Ansuman	Healthcare reform in the United States and China: pharmaceutical market implications	Journal of Pharmaceutical Policy and Practice	10.1186/2052-3211-7-9
6/30/2015	Dong, Frank; Ablah, Elizabeth; Hines, Robert; Lazar, Ann; Johnston, Judy	Disparities in Oral Health among School-Aged Children in Kansas	Open Journal of Preventive Medicine	10.4236/ojpm.2015.56032
7/1/2015	Flores, David M.; Murray, Katie S.; Griebing, Tomas L.; Broghammer, Joshua A.	Transrectal Ultrasound Guided Needle Aspiration of a Prostatic Abscess: Salvage Treatment After Failed Transurethral Resection	Urology Case Reports	10.1016/j.eucr.2015.03.006
7/6/2015	Escudero Duch, Clara; Williams, Richard A. J.; Timm, Robert M.; Perez-Tris, Javier; Benitez, Laura	A Century of Shope Papillomavirus in Museum Rabbit Specimens	PLOS ONE	10.1371/journal.pone.0132172
10/1/2015	Siengsukon, Catherine; Al-dughmi, Mayis; Al-Sharman, Alham; Stevens, Suzanne	Sleep characteristics of individuals with chronic stroke: a pilot study	Nature and Science of Sleep	10.2147/NSS.S83882
10/30/2015	Siengsukon, Catherine; Al-Dughmi, Mayis; Al-Sharman, Alham; Stevens, Suzanne	Sleep Parameters, Functional Status, and Time Post-Stroke are Associated with Offline Motor Skill Learning in People with Chronic Stroke	Frontiers in Neurology	10.3389/fneur.2015.00225

12/1/2015	Reeves, Tarian; Samy, Abdallah M.; Peterson, A. Townsend	MERS-CoV geography and ecology in the Middle East: analyses of reported camel exposures and a preliminary risk map	BMC Research Notes	10.1186/s13104-015-1789-1
12/1/2015	Ndikum-Moffor, Florence M.; Faseru, Babalola; Filippi, Melissa K.; Wei, Hou; Engelman, Kimberly K.	Health status among black African-born women in Kansas City: a preliminary assessment	BMC Research Notes	10.1186/s13104-015-1469-1
12/1/2015	Bai, Xue Tao; Moles, Ramona; Chaib-Mezrag, Hassiba; Nicot, Christophe	Small PARP inhibitor PJ-34 induces cell cycle arrest and apoptosis of adult T-cell leukemia cells	Journal of Hematology & Oncology	10.1186/s13045-015-0217-2
12/1/2015	Craft, Rachel; McClure, Katrina C.; Corbett, Steven; Ferreira, Maria Pontes; Stiffarm, Ashley M.; Kindscher, Kelly	Ethnic differences in medicinal plant use among University students: a cross-sectional survey of self-reported medicinal plant use at two Midwest Universities	BMC Complementary and Alternative Medicine	10.1186/s12906-015-0725-1
12/1/2015	Colicchio, Jack M.; Miura, Fumihito; Kelly, John K.; Ito, Takashi; Hileman, Lena C.	DNA methylation and gene expression in <i>Mimulus guttatus</i>	BMC Genomics	10.1186/s12864-015-1668-0
1/5/2016	Smith, KyleA; Crabtree, Kelli; Chamoun, Roukoz	Delayed intraventricular metastasis of clival chordoma	Surgical Neurology International	10.4103/2152-7806.173313

1/20/2016	Chan, Kin Onn; Grismer, L. Lee; Zachariah, Anil; Brown, Rafe M.; Abraham, Robin Kurian	Polyphyly of Asian Tree Toads, Genus <i>Pedostibes</i> Günther, 1876 (Anura: Bufonidae), and the Description of a New Genus from Southeast Asia	PLOS ONE	10.1371/journal.pone.0145903
1/25/2016	Gleason, Jennifer M.; Zhou, Yihong; Hackett, Jennifer L.; Harris, Bethany R.; Greenfield, Michael D.	Development of a Genomic Resource and Quantitative Trait Loci Mapping of Male Calling Traits in the Lesser Wax Moth, <i>Achroia grisella</i>	PLOS ONE	10.1371/journal.pone.0147014
3/9/2016	Samy, Abdallah M.; Peterson, A. Townsend	Climate Change Influences on the Global Potential Distribution of Bluetongue Virus	PLOS ONE	10.1371/journal.pone.0150489
4/1/2016	Shang, Yuqin; Zeng, Yun; Zeng, Yong	Integrated Microfluidic Lectin Barcode Platform for High-Performance Focused Glycomic Profiling	Scientific Reports	10.1038/srep20297
4/14/2016	Nariya, Maulik K.; Israeli, Johnny; Shi, Jack J.; Deeds, Eric J.	Mathematical Model for Length Control by the Timing of Substrate Switching in the Type III Secretion System	PLOS Computational Biology	10.1371/journal.pcbi.1004851
4/20/2016	Watts, Amber; Walters, Ryan W.; Hoffman, Lesa; Templin, Jonathan	Intra-Individual Variability of Physical Activity in Older Adults With and Without Mild Alzheimer's Disease	PLOS ONE	10.1371/journal.pone.0153898
4/22/2016	Johnson, Adrienne; Fiorentino, Robert; Gabriele, Alison	Syntactic Constraints and Individual Differences in Native and Non-Native Processing of Wh-Movement	Frontiers in Psychology	10.3389/fpsyg.2016.00549
5/1/2016	Wilson, Nathan R.; Olm-Shipman, Adam J.; Acevedo, Diana S.; Palaniyandi, Kanagaraj; Hall, Everett G.; Kosa, Edina; Stumpff, Kelly M.; Smith, Guerin J.; Pitstick, Lenore; Liao, Eric C.; Bjork, Bryan C.; Czirok, Andras; Saadi, Irfan	SPECC1L deficiency results in increased adherens junction stability and reduced cranial neural crest cell delamination	Scientific Reports	10.1038/srep17735

6/10/2016	Lepping, Rebecca J.; Atchley, Ruth Ann; Chryssikou, Evangelia; Martin, Laura E.; Clair, Alicia A.; Ingram, Rick E.; Simmons, W. Kyle; Savage, Cary R.	Neural Processing of Emotional Musical and Nonmusical Stimuli in Depression	PLOS ONE	10.1371/journal.pone.0156859
8/1/2016	Smith, Deborah R.; Su, Yong-Chao; Berger-Tal, Reut; Lubin, Yael	Population genetic evidence for sex-specific dispersal in an inbred social spider	Ecology and Evolution	10.1002/ece3.2200
8/23/2016	Cooper, Michael A.; Kluding, Patricia M.; Wright, Douglas E.	Emerging Relationships between Exercise, Sensory Nerves, and Neuropathic Pain	Frontiers in Neuroscience	10.3389/fnins.2016.00372
9/1/2016	Wang, Ti; Kafle, Tika R.; Kattel, Bhupal; Liu, Qingfeng; Wu, Judy; Chan, Wai-Lun	Growing Ultra-flat Organic Films on Graphene with a Face-on Stacking via Moderate Molecule-Substrate Interaction	Scientific Reports	10.1038/srep28895
9/1/2016	Nishimune, Hiroshi; Badawi, Yomna; Mori, Shuuichi; Shigemoto, Kazuhiro	Dual-color STED microscopy reveals a sandwich structure of Bassoon and Piccolo in active zones of adult and aged mice	Scientific Reports	10.1038/srep27935
9/20/2016	Jiang, Lu; Fang, Pingping; Weemhoff, James L.; Apte, Udayan; Pritchard, Michele T.	Evidence for a "Pathogenic Triumvirate" in Congenital Hepatic Fibrosis in Autosomal Recessive Polycystic Kidney Disease	BioMed Research International	10.1155/2016/4918798
10/25/2016	Valdivieso-Mora, Esmeralda; Peet, Casie L.; Garnier-Villarreal, Mauricio; Salazar-Villanea, Monica; Johnson, David K.	A Systematic Review of the Relationship between Familism and Mental Health Outcomes in Latino Population	Frontiers in Psychology	10.3389/fpsyg.2016.01632
11/9/2016	Fazzino, Tera L; Fleming, Kimberly; Befort, Christie	Alcohol Intake Among Breast Cancer Survivors: Change in Alcohol Use During a Weight Management Intervention	JMIR Cancer	10.2196/cancer.6295

11/21/2016	Smith, KyleA; Asante, SamuelK; Clough, John	Intradural-extramedullary isolated compressive sarcoid lesion	Surgical Neurology International	10.4103/2152-7806.194520
12/1/2016	Sabus, Carla; Spake, Ellen	Innovative physical therapy practice: a qualitative verification of factors that support diffusion of innovation in outpatient physical therapy practice	Journal of Healthcare Leadership	10.2147/JHL.S115772
12/1/2016	LeVine, Steven M.	Albumin and multiple sclerosis	BMC Neurology	10.1186/s12883-016-0564-9
12/1/2016	McCracken, Jennifer M.; Jiang, Lu; Deshpande, Krutika T.; O'Neil, Maura F.; Pritchard, Michele T.	Differential effects of hyaluronan synthase 3 deficiency after acute vs chronic liver injury in mice	Fibrogenesis & Tissue Repair	10.1186/s13069-016-0041-5
12/1/2016	Grismer, Jesse L.; Schulte, James A.; Alexander, Alana; Wagner, Philipp; Travers, Scott L.; Buehler, Matt D.; Welton, Luke J.; Brown, Rafe M.	The Eurasian invasion: phylogenomic data reveal multiple Southeast Asian origins for Indian Dragon Lizards	BMC Evolutionary Biology	10.1186/s12862-016-0611-6
12/1/2016	Locke, Nathan; Duchene, David; Padmanabhan, Priya	Inferior Vena Cava Filter Erosion Causing Symptomatic Obstructive Hydronephrosis	Journal of Endourology Case Reports	10.1089/cren.2016.0070
12/1/2016	Hidaka, Brandon H.; Kerling, Elizabeth H.; Thodosoff, Jocelynn M.; Sullivan, Debra K.; Colombo, John; Carlson, Susan E.	Dietary patterns of early childhood and maternal socioeconomic status in a unique prospective sample from a randomized controlled trial of Prenatal DHA Supplementation	BMC Pediatrics	10.1186/s12887-016-0729-0
12/1/2016	Brown, Alexandra R.; Gajewski, Byron J.; Aaronson, Lauren S.; Mudaranthakam, Dinesh Pal; Hunt, Suzanne L.; Berry, Scott M.; Quintana, Melanie; Pasnoor, Mamatha; Dimachkie, Mazen	A Bayesian comparative effectiveness trial in action: developing a platform for multisite study adaptive randomization	Trials	10.1186/s13063-016-1544-5

	M.; Jawdat, Omar; Herbelin, Laura; Barohn, Richard J.			
12/1/2016	Galvis, Sarah; Burton, Douglas; Barnds, Brandon; Anderson, John; Schwend, Richard; Price, Nigel; Wilson, Sara; Friis, Elizabeth	The effect of scoliotic deformity on spine kinematics in adolescents	Scoliosis and Spinal Disorders	10.1186/s13013-016-0103-x
12/26/2016	Min, Kyungjin; Lehmeier, Christoph A.; Iv, Ford Ballantyne; Billings, Sharon A.	Carbon Availability Modifies Temperature Responses of Heterotrophic Microbial Respiration, Carbon Uptake Affinity, and Stable Carbon Isotope Discrimination	Frontiers in Microbiology	10.3389/fmicb.2016.02083
3/25/2017	Wang, Zheng; Kwon, Minhyuk; Mohanty, Suman; Schmitt, Lauren M.; White, Stormi P.; Christou, Evangelos A.; Mosconi, Matthew W.	Increased Force Variability Is Associated with Altered Modulation of the Motorneuron Pool Activity in Autism Spectrum Disorder (ASD)	International Journal of Molecular Sciences	10.3390/ijms18040698
4/26/2017	Dutta, Soumita; Avasthi, Prachee	Flagellar Synchronization Is a Simple Alternative to Cell Cycle Synchronization for Ciliary and Flagellar Studies	mSphere	10.1128/mSphere.00003-17
5/16/2017	Weinberger, Adam B.; Green, Adam E.; Chrysiou, Evangelia G.	Using Transcranial Direct Current Stimulation to Enhance Creative Cognition: Interactions between Task, Polarity, and Stimulation Site	Frontiers in Human Neuroscience	10.3389/fnhum.2017.00246
7/18/2017	Li, Mingxing; Zhang, Jie	Perceptual distinctiveness between dental and palatal sibilants in different vowel contexts and its implications for phonological contrasts	Laboratory Phonology: Journal of the Association for Laboratory Phonology	10.5334/labphon.27
7/24/2017	Vittal, Anusha; Middinti, Akshay; Kasi Loknath Kumar, Anup	Are All Mutations the Same? A Rare Case Report of Coexisting Mutually Exclusive KRAS and BRAF Mutations in a Patient with Metastatic Colon Adenocarcinoma	Case Reports in Oncological Medicine	10.1155/2017/2321052

8/1/2017	Jongman, Allard; Qin, Zhen; Zhang, Jie; Sereno, Joan A.	Just noticeable differences for pitch direction, height, and slope for Mandarin and English listeners	The Journal of the Acoustical Society of America	10.1121/1.4995526
8/30/2017	Gangeddula, Viswa; Ranchet, Maud; Akinwuntan, Abiodun E.; Bollinger, Kathryn; Devos, Hannes	Effect of Cognitive Demand on Functional Visual Field Performance in Senior Drivers with Glaucoma	Frontiers in Aging Neuroscience	10.3389/fnagi.2017.00286
10/1/2017	Malik, Rehan; Waheed, Sehrish; Parashara, Deepak; Perez, Jorge; Waheed, Salman	Association of QT interval with mortality by kidney function: results from the National Health and Nutrition Examination Survey (NHANES)	Open Heart	10.1136/openhrt-2017-000683
10/18/2017	Rucker, Jason L.; McDowd, Joan M.; Mahnken, Jonathan D.; Burns, Jeffrey M.; Sabus, Carla H.; Britton-Carpenter, Amanda J.; Utech, Nora B.; Kluding, Patricia M.	Multitasking in older adults with type 2 diabetes: A cross-sectional analysis	PLOS ONE	10.1371/journal.pone.0186583
11/6/2017	Bastola, Prabhakar; Wang, Feng; Schaich, Matthew A; Gan, Taiping; Freudenthal, Bret D; Chou, Tsui-Fen; Chien, Jeremy	Specific mutations in the D1–D2 linker region of VCP/p97 enhance ATPase activity and confer resistance to VCP inhibitors	Cell Death Discovery	10.1038/cddiscovery.2017.65
12/1/2017	Czirok, Andras; Isai, Dona Greta; Kosa, Edina; Rajasingh, Sheeja; Kinsey, William; Neufeld, Zoltan; Rajasingh, Johnson	Optical-flow based non-invasive analysis of cardiomyocyte contractility	Scientific Reports	10.1038/s41598-017-10094-7
12/1/2017	Breda, Aili I.; Watts, Amber S.	Expectations Regarding Aging, Physical Activity, and Physical Function in Older Adults	Gerontology and Geriatric Medicine	10.1177/2333721417702350
12/1/2017	Cauble, Jennifer S.; Dewi, Mira; Hull, Holly R.	Validity of anthropometric equations to estimate infant fat mass at birth and in early infancy	BMC Pediatrics	10.1186/s12887-017-0844-6

12/1/2017	Zhang, Chuanwu; Garrard, Lili; Keighley, John; Carlson, Susan; Gajewski, Byron	Subgroup identification of early preterm birth (ePTB): informing a future prospective enrichment clinical trial design	BMC Pregnancy and Childbirth	10.1186/s12884-016-1189-0
12/1/2017	Craig, Jordan J.; Bruetsch, Adam P.; Lynch, Sharon G.; Horak, Fay B.; Huisinga, Jessie M.	Instrumented balance and walking assessments in persons with multiple sclerosis show strong test-retest reliability	Journal of NeuroEngineering and Rehabilitation	10.1186/s12984-017-0251-0
12/19/2017	Brock, Susan R.; Parmely, Michael J.	Francisella tularensis Confronts the Complement System	Frontiers in Cellular and Infection Microbiology	10.3389/fcimb.2017.00523
12/20/2017	Williams, Jessica A. R.; Ortiz, Selena E.	Examining public knowledge and preferences for adult preventive services coverage	PLOS ONE	10.1371/journal.pone.0189661
1/1/2018	Morningstar, Mary E.; Lombardi, Allison; Test, David	Including College and Career Readiness Within a Multitiered Systems of Support Framework	AERA Open	10.1177/2332858418761880
2/14/2018	Evans, Spencer C.; Amaro, Christina M.; Herbert, Robyn; Blossom, Jennifer B.; Roberts, Michael C.	"Are you gonna publish that?" Peer-reviewed publication outcomes of doctoral dissertations in psychology	PLOS ONE	10.1371/journal.pone.0192219
3/2/2018	Isom, Nicholas; Rali, Aniket S.; Damjanov, Ivan; Hubbard, Kevin; Grigsby, Joel; Gupta, Kamal	Right Ventricular Heart Failure from a Cardiac Yolk Sac Tumor	American Journal of Case Reports	10.12659/AJCR.907639
3/28/2018	Xiangxiong Kong; Jian Li	Image Registration-Based Bolt Loosening Detection of Steel Joints	Sensors	10.3390/s18041000
3/31/2018	Rali, Aniket S.; Shah, Zubair; Sauer, Andrew J.; Gupta, Kamal	Hemoptysis After CardioMEMS Implantation: Case Report and Review	American Journal of Case Reports	10.12659/AJCR.908508

4/1/2018	Yang, Fu-Chen; Draper, Julia; Smith, Peter G.; Vivian, Jay L.; Shapiro, Steven M.; Stanford, John A.	Short Term Development and Fate of MGE-Like Neural Progenitor Cells in Jaundiced and Non-Jaundiced Rat Brain	Cell Transplantation	10.1177/0963689718766327
4/10/2018	Kahya, Melike; Moon, Sanghee; Lyons, Kelly E.; Pahwa, Rajesh; Akinwuntan, Abiodun E.; Devos, Hannes	Pupillary Response to Cognitive Demand in Parkinson's Disease: A Pilot Study	Frontiers in Aging Neuroscience	10.3389/fnagi.2018.00090
5/1/2018	Grote, Caleb W.; Cowan, Paul C.; Anderson, David W.; Templeton, Kimberly J.	Pseudotumor from Metal-on-Metal Total Hip Arthroplasty Causing Unilateral Leg Edema: Case Presentation and Literature Review	BioResearch Open Access	10.1089/biores.2017.0035
6/20/2018	Reis, Daniel J.; Ilardi, Stephen S.; Punt, Stephanie E. W.	The anxiolytic effect of probiotics: A systematic review and meta-analysis of the clinical and preclinical literature	PLOS ONE	10.1371/journal.pone.0199041
6/28/2018	Aziz, Muhammad; Pervez, Asad; Fatima, Rawish; Bansal, Ajay	Pseudoephedrine Induced Ischemic Colitis: A Case Report and Review of Literature	Case Reports in Gastrointestinal Medicine	10.1155/2018/8761314
7/19/2018	Li, Shengnan; Pan, Qianqian; Frey, Bruce B.	Development of a Chinese and American scale for measuring spirituality	Cogent Psychology	10.1080/23311908.2018.1501934
9/1/2018	Barnard, Luke; Ajlan, Radwan	MRI visualization of optic nerve avulsion due to ocular perforation from BB gun projectile	American Journal of Ophthalmology Case Reports	10.1016/j.ajoc.2018.06.016
12/1/2018	Wagner, Rebekah; Augusto, Folashade B.	Transmission dynamics for Methicillin-resistant Staphalococous areus with injection drug user	BMC Infectious Diseases	10.1186/s12879-018-2973-4

Appendix E

Applications Received by Unit, Inception – June 2018 In Alphabetical Order

Unit	2012-17	FY18	Total
Anatomy and Cell Biology	9	2	11
Anesthesiology		1	1
Applied Behavioral Science	2		2
Biochemistry and Molecular Biology	3		3
Bioengineering	2	1	3
Biology	1		1
Biostatistics	6		6
Cancer Biology	1	2	3
Cardiovascular Medicine	5	5	10
Center for Child Health and Development	2		2
Center for Children and Families	1		1
Center for Computational Biology	1		1
Center for Global and International Studies	1		1
Center for Physical Education	1		1
Chemical and Petroleum Engineering		3	3
Chemistry	4		4
Civil, Environmental, and Architectural Engineering		1	1
Clinical Child Psychology Program	3	1	4
Clinical Informatics	1		1
Clinical Psychology	1		1
Communication Studies		3	3
Curriculum and Teaching	4		4
Dietetics and Nutrition	7		7
Ecology and Evolutionary Biology / Biodiversity Institute / Natural History Museum	27	5	32
Electrical Engineering and Computer Science	4		4
Endocrinology	3		3
Environmental Studies	2		2
Family Medicine	5	3	8
Geography	1		1
Geology	2	1	3
Health Policy and Management	1	4	5
Higuchi Biosciences Center	2		2
History and Philosophy of Science	1		1
Hoglund Brain Imaging Center	3		3
Internal Medicine	9	1	10
Linguistics	2	6	8
Mathematics	2		2
Medical Oncology	1	1	2
Microbiology, Molecular Genetics and Immunology		1	1
Molecular and Integrative Physiology	4	1	5
Molecular Biosciences	3		3

Applications Received by Unit, Inception – June 2018
In Alphabetical Order (cont.)

Unit	2012-17	FY18	Total
Music Education and Music Therapy	2		2
Neurology	5	1	6
Neurosurgery	7		7
Nursing	5	3	8
Oncology	1	1	2
Ophthalmology		2	2
Orthopedics	2	1	3
Otolaryngology	1	2	3
Pathology	2		2
Pediatrics	3	1	4
Pharmaceutical Chemistry	1		1
Pharmacology and Toxicology	2		2
Pharmacology, Toxicology and Therapeutics	4		4
Physical Therapy and Rehabilitation Science	10	8	18
Physics & Astronomy	1		1
Physiology	1		1
Preventive Medicine and Public Health	14	2	16
Psychiatry and Behavioral Sciences	2		2
Psychology	15	3	18
Pulmonary and Critical Care Medicine	2		2
Radiation Oncology	1		1
Schiefelbusch Institute for Lifespan Studies	2		2
Social Welfare	2		2
Sociology	2		2
Special Education		1	1
Speech, Language and Hearing	1	1	2
Surgery	5		5
Urology	3		3
Women, Gender, and Sexuality Studies	1		1
Total	224	68	292

Applications Received by Unit, Inception – June 2018

In Numerical Order

Unit	2012-17	FY18	Total
Ecology and Evolutionary Biology / Biodiversity Institute / Natural History Museum	27	5	32
Physical Therapy and Rehabilitation Science	10	8	18
Psychology	15	3	18
Preventive Medicine and Public Health	14	2	16
Anatomy and Cell Biology	9	2	11
Cardiovascular Medicine	5	5	10
Internal Medicine	9	1	10
Family Medicine	5	3	8
Nursing	5	3	8
Linguistics	2	6	8
Dietetics and Nutrition	7		7
Neurosurgery	7		7
Biostatistics	6		6
Neurology	5	1	6
Surgery	5		5
Health Policy and Management	1	4	5
Molecular and Integrative Physiology	4	1	5
Pediatrics	3	1	4
Electrical Engineering and Computer Science	4		4
Curriculum and Teaching	4		4
Chemistry	4		4
Clinical Child Psychology Program	3	1	4
Pharmacology, Toxicology and Therapeutics	4		4
Orthopedics	2	1	3
Hoglund Brain Imaging Center	3		3
Geology	2	1	3
Chemical and Petroleum Engineering		3	3
Biochemistry and Molecular Biology	3		3
Bioengineering	2	1	3
Otolaryngology	1	2	3
Molecular Biosciences	3		3
Communication Studies		3	3
Cancer Biology	1	2	3
Urology	3		3
Endocrinology	3		3
Ophthalmology		2	2
Schiefelbusch Institute for Lifespan Studies	2		2
Applied Behavioral Science	2		2
Music Education and Music Therapy	2		2
Sociology	2		2
Higuchi Biosciences Center	2		2
Psychiatry and Behavioral Sciences	2		2
Pathology	2		2
Pulmonary and Critical Care Medicine	2		2

Applications Received by Unit, Inception – June 2018
In Numerical Order (cont.)

Unit	2012-17	FY18	Total
Social Welfare	2		2
Pharmacology and Toxicology	2		2
Speech, Language and Hearing	1	1	2
Mathematics	2		2
Oncology	1	1	2
Center for Child Health and Development	2		2
Medical Oncology	1	1	2
Geography	1		1
Clinical Informatics	1		1
Radiation Oncology	1		1
Center for Physical Education	1		1
Special Education		1	1
Anesthesiology		1	1
Center for Global and International Studies	1		1
Physics & Astronomy	1		1
Center for Computational Biology	1		1
Physiology	1		1
Women, Gender, and Sexuality Studies	1		1
Biology	1		1
Clinical Psychology	1		1
History and Philosophy of Science	1		1
Pharmaceutical Chemistry	1		1
Center for Children and Families	1		1
Civil, Environmental, and Architectural Engineering		1	1
Microbiology, Molecular Genetics and Immunology		1	1
Grand Total	224	68	292