

The KU Open Access Author Fund Annual Report (July 2019 - June 2020)

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 2020** 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 2020**:

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

Appendix B Cumulative Statistics

Appendix C Trends

Appendix D Full List of Published Papers Funded by the OAAF

Appendix E Applications Received by Unit

Table 1. Statistics for FY 2020

When compared to the figures from the previous fiscal year (July 2018-June 2019), there was an 31% increase in the number of applications received, which led to an increase in applicants rejected due to limited funds. The number of awards that were offered and paid were similar.

	FY20	FY19
1. Applications Received	68	52
2. Applications Rejected *	33	21
3. Awards Offered	35	31
4. Awards Paid **	23	20

Note: Seven of the authors who were offered awards in FY 20 haven't used them as of July 31, 2020, 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, journal, or publisher did not meet the OAAF criteria.

** Main reasons why awards were not used

1. The manuscript was rejected by the editor / editorial board of the journal.
 2. 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 2020

Amount allocated for FY20	\$25,000
Awards not redeemed in FY19	<u>\$11,597</u>
Total amount available in FY20	\$36,597

As of the end of FY 20, we had \$239.90 remaining in the fund, which was rolled over to FY 21.

As of July 31, 2020, there is \$8,432 in reserve for awards made during FY 20 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 21.

Awards by Campus (as of July 31, 2020)

KU Medical Center (All Locations)	\$17,426	62.4%
KU Lawrence / Edwards	<u>\$10,500</u>	37.6%
Total Expenditures	\$27,926	

Note: Total does not include \$8,432 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 in FY20 (as of July 31, 2020)

Highest	\$1,500
Lowest	\$550
Average / Mean	\$1,214
Median	\$1,365

What Publishers Charge Authors

The amount of money publishers charged authors applying for awards this year ranged from a high of \$5,000 to a low of \$180. Thirty-six of the sixty-eight charges were over our \$1500 maximum award amount.

Highest	\$5,000
Lowest	\$180
Average / Mean	\$1,583
Median	\$1,595

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, July 2018, and July 2020. The fund will continue to distribute awards through June 2022.

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 KU ScholarWorks, the institutional repository of the University of Kansas 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.

Appendix B

Cumulative Statistics

Totals, Inception - June 2020

The following tables document the outcomes of the OAAF applications and awards process from the inception of the fund (October 2012) through the end of the eight year (June 2020). For a short history of the fund, see Appendix A above.

Table B-1. Totals

Applications Received	412
Applications Denied	174
Awards Offered	238
Awards Paid	160

Note: "Awards Paid" does not include seven outstanding awards in process.
 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 B-2. Totals by Administrative Unit

	KU (Lawrence/ Edwards)		KUMC (All campuses)		Total	Percentage (Lawrence/Med)
Applications Received	158	+	254	=	412	38% / 62%
Applications Denied	62	+	112	=	174	36% / 64%
Awards Offered	96	+	142	=	238	40% / 60%
Awards Paid	69	+	91	=	160	43% / 57%

Note: "Awards Paid" does not include seven outstanding awards in process.
 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 B-3. Unique Totals

Out of the 412 applications received over the life of the fund:

Unique Authors	309
Unique Units	94
Unique Journals	239
Unique Publishers	88

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

Appendix C

Trends

What the Publishers Charge Authors

Over the course of the fund’s existence, the amount of money publishers charged authors applying for the OAAF awards has ranged from a low of \$180 to a high of \$5,200.

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.

Number of Applications

The number of applications has risen in five of the fund’s eight years. FY20 recorded 68 applicants, the largest single-year total to date.

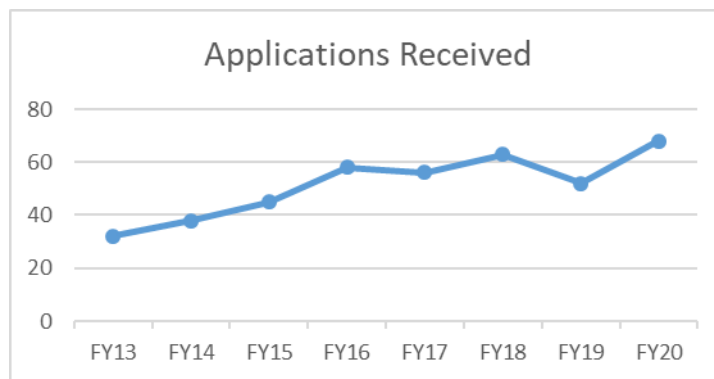


Figure C-1. Increasing number of applications

Table C-1. Funds Requested and reimbursed by Status

Excluding outstanding awards, 51% of applications from graduate students have received funding over the life of the fund.

Applicant Status	Reimbursed			Not Reimbursed		Percent of Applicants Receiving Funding
	Applicants	Funds Requested	Amount Paid	Applicants	Funds Requested	
Graduate Student	62	\$68,274	\$63,300	59	\$72,111	51%
Early career researcher/staff (first 5 years), non-tenure track	25	\$28,478	\$27,007	55	\$71,046	31%
Non-tenure track (longer than 5 years)	6	\$7,778	\$7,853	22	\$22,661	21%
Tenure-track, untenured	35	\$49,699	\$47,299	45	\$63,047	44%
Tenured	32	\$39,256	\$33,538	64	\$82,668	33%
Grand Total	160	\$193,485	\$178,996	245	\$311,533	40%

Appendix D

Full List of Published Papers Funded by the OAAF

Submission Date	Applicant's Name	Article Title	Journal Title	DOI
10/24/2012	Joy Ward	"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
10/25/2012	Jeffrey Krise	Lysosomotropic properties of weakly basic anticancer agents promote cancer cell selectivity in vitro	PLOS One	10.1371/journal.pone.0049366
10/25/2012	Rongqing Hui	Complex-optical-field lidar system for range and vector velocity measurement	Optics Express	10.1364/OE.20.025867
11/5/2012	Ruth Ann Atchley	Creativity in the Wild: Improving Creative Reasoning Through Immersion in Natural Settings	PLOS One	10.1371/journal.pone.0051474
11/6/2012	Kenneth Peterson	Mi2beta is Required for gamma-Globin Gene Silencing: Temporal Assembly of a GATA-1-FOG-1-Mi2 Repressor Complex	PLoS Genetics	10.1371/journal.pgen.1003155
11/6/2012	Helen Alexander	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
11/12/2012	Michael S. Engel	The melectine bee genera <i>Brachymelecta</i> and <i>Sinomelecta</i> (Hymenoptera, Apidae)	ZooKeys	10.3897/zookeys.244.3979
11/13/2012	Yevgeny Botanov	A Placebo-Controlled Examination of the Acute Side Effects of Light Therapy in a Non-Clinical Sample	PLOS One	10.1371/journal.pone.0075893

12/9/2012	James Lamsdell	Babes in the wood – a unique window into sea scorpion ontogeny	BMC Evolutionary Biology	10.1186/1471-2148-13-98
12/11/2012	William Dentler	A role for the membrane in the regulation of Chlamydomonas flagellar length	PLOS One	10.1371/journal.pone.0053366
12/19/2012	Wonpil Im	Restricted N-glycan Conformational Space in the PDB and Its Implication in Glycan Structure Modeling'	PLOS Computational Biology	10.1371/journal.pcbi.1002946
12/20/2012	Luke M. Herrington	Globalization and Religion in Historical Perspective: A Paradoxical Relationship	Religions	10.3390/rel4010145
1/10/2013	Sally Rigler	Impact of a modified claims ascertainment period on Liu comorbidity index scores in chronic dialysis initiates	BMC Nephrology	10.1186/1471-2369-14-51
1/17/2013	Rafe Brown	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
1/19/2013	Stephen Politzer-Ahles	The realization of scalar inferences: context sensitivity without processing cost	PLOS One	10.1371/journal.pone.0063943
2/25/2013	Prasad Kulkarni	Source-to-Source Refactoring and Elimination of Global Variables in C Programs	Journal of Software Engineering and Applications	10.4236/jsea.2013.65033
7/1/2013	Niralee Vaishnav	Is there an increase risk of hip fractures in Multiple Sclerosis? Analysis of the Nationwide Inpatient Sample	BMC Neurology	10.2147/JMDH.S54786
7/5/2013	Shelley Bhattacharya	Optimizing Strategies to Improve Interprofessional Practice for Veterans, Part 1.	Journal of Multidisciplinary Healthcare	10.2147/JMDH.S51010

7/5/2013	Xinkun Wang	Gene Expression Patterns in Hippocampus During the Development and Aging of Wild Type and Glud1 (Glutamate Dehydrogenase 1) Transgenic Mice	BMC Genomics	10.1186/1471-2202-15-37
7/11/2013	Cynthia S. Q. Siew	Community structure in the phonological network	Frontiers in Language Sciences	10.3389/fpsyg.2013.00553
7/11/2013	Shenqiang Ren	Symmetry Defying iron pyrite nano crystals through oriented attachment	Scientific Reports	10.1038/srep02092
8/15/2013	Donita Shaw	The impact of word study intervention on adult English learners' spelling and reading	Journal of Language Teaching & Research	10.4304/jltr.5.2.245-252
8/20/2013	Shahid Umar	Differential effects of b-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
8/23/2013	Shang-You Yang	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
9/4/2013	Eric J. Deeds	Machines vs. Ensembles: Effective MAPK Signaling through Heterogeneous Sets of Protein Complexes	PLoS Computational Biology	10.1371/journal.pcbi.1003278
9/13/2013	Michael Brimacombe	Genomic Aggregation Effects and Simpson's Paradox	Open Access Medical Statistics	10.2147/OAMS.S52288
9/26/2013	Rodolfo Torres	Minimal regularity conditions for the end-point estimate of bilinear Calderón-Zygmund operators	Proceedings of the AMS. Series B	10.1090/S2330-1511-2014-00009-2

10/7/2013	Michael Vitevitch	Speaker sex influences processing of grammatical gender	PLOS One	10.1371/journal.pone.0079701
10/23/2013	Rahul Pawar	Inflammatory response following neutrophil recovery post chemotherapy in AML cases without evidence of infection- role of homing of neutrophils	Journal of Blood Medicine	10.2147/JBM.S53616
11/1/2013	Catherine Siengsukon	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
11/5/2013	Liskin Swint-Kruse	Rheostats and toggle switches for modulating protein function	PLOS One	10.1371/journal.pone.0083502
11/15/2013	Anup Kumar Kasi Loknath Kumar	Extramedullary progression of multiple myeloma despite concomitant medullary response to multiple combination therapies and autologous transplant: A Case Report and Review of the Literature	Journal of Medical Case Reports	10.1186/1752-1947-8-299
11/22/2013	Arthur Daemrich	Healthcare Reform in the United States and China: Pharmaceutical Market Implications	Journal of Pharmaceutical Policy and Practice	10.1186/2052-3211-7-9
12/30/2013	Scott Mullen	Barefoot running: The effects of an 8-week barefoot training program	Orthopedic Journal of Sports Medicine	10.1177/2325967114525582
11/19/2014	Rutherford Goldstein	The influence of clustering coefficient on word-learning: how groups of similar sounding words facilitate acquisition	Frontiers in Psychology	10.3389/fpsyg.2014.01307
11/19/2014	Rachel Craft	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

11/25/2014	Babalola Faseru	RELATIONSHIPS BETWEEN SEXUAL VIOLENCE AND CHRONIC DISEASE: A CROSS-SECTIONAL STUDY	BMC Public Health	10.1186/1471-2458-14-1286
12/15/2014	Frank Dong	Disparities in Oral Health among School-aged Children in Kansas	Open Journal of Preventive Medicine	10.4236/ojpm.2015.56032
12/22/2014	Joseph Pacheco	Ensuring healthy American Indian generations for tomorrow through safe and healthy indoor environments	International Journal of Environmental Research and Public Health	10.3390/ijerph120302810
1/19/2015	Kyle Smith	Hydrocephalus Secondary to Dilated Virchow Robin Spaces	JNLS Reports	10.4103/2152-7806.161240
2/5/2015	Jack Colicchio	DNA methylation and gene expression in <i>Mimulus guttatus</i>	BMC Genomics	10.1186/s12864-015-1668-0
2/6/2015	Sarah Wildgen	Whispering Gallery Mode Resonators for Rapid Label-Free Biosensing in Small Volume Droplets	Biosensors	10.3390/bios5010118
2/10/2015	Devin Cox	The 15q11.2 BP1-BP2 Microdeletion Syndrome: A Review	International Journal of Molecular Science	10.3390/ijms16024068
2/10/2015	Hyesun Cho	Teachers' Perceived Challenges of Employing Critical Literacy	English Language Teaching	10.5539/elt.v8n6p69
2/18/2015	Amanda Bruce	Neurofunctional Correlates of Ethical, Food-Related Decision-Making	PLOS One	10.1371/journal.pone.0120541
3/23/2015	Andrei Belousov	Death of Neurons Following Injury Requires Conductive Neuronal Gap Junction Channels but not a Specific Connexin	PLOS One	10.1371/journal.pone.0125395
3/23/2015	David Flores	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

4/21/2015	Patrick Monnahan	Epistasis is a major determinant of the additive genetic variance in <i>Mimulus guttatus</i>	PLoS Genetics	10.1371/journal.pgen.1005201
4/25/2015	Robert M. Timm	A century of Shope papillomavirus in museum rabbit specimens	PLOS One	10.1371/journal.pone.0132172
5/12/2015	Catherine Siengasukon	Sleep characteristics of individuals with chronic stroke: a pilot study	Nature and Science of Sleep	10.2147/NSS.S83882
9/10/2015	Alison Gabriele	Syntactic constraints and individual differences in native and non-native processing of wh-movement	Frontiers in Psychology	10.3389/fpsyg.2016.00549
9/21/2015	Kimberly Engelman	Health Status among Black African-born Women in Kansas City: a Preliminary Assessment	BMC Research Notes	10.1186/s13104-015-1469-1
10/2/2015	Jennifer Gleason	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
10/3/2015	Kyle Smith	Coexistence of Clival Chordoma and Sellar-Suprasellar Germinoma in a Pediatric Patient: A Case Report and Review of the Literature.	Surgical Neurology International	10.4103/2152-7806.173313
10/8/2015	Christophe Nicot	Inhibition of PARP with Small 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
10/14/2015	Catherine Siengasukon	Sleep parameters, functional status and time post-stroke are associated with off-line motor skill learning in people with chronic stroke	Frontiers in Neurology	10.3389/fneur.2015.00225
10/27/2015	Irfan Saadi	SPECC1L deficiency results in increased adherens junction stability and reduced cranial neural crest cell delamination	Scientific Reports	10.1038/srep17735

11/30/2015	Yuqin Shang	Integrated Microfluidic Lectin Barcode Platform for High-Performance Focused Glycomic Profiling	Scientific Reports	10.1038/srep20297
12/8/2015	A. Townsend Peterson	MERS-CoV geography and ecology in the Middle East	BMC Research Notes	10.1186/s13104-015-1789-1
12/14/2015	Rafe Brown	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
12/15/2015	Steven LeVine	Albumin and Multiple Sclerosis	BMC Medicine	10.1186/s12883-016-0564-9
12/18/2015	Sarah Galvis	Spine biomechanics in the adolescent and the effect of scoliotic deformity	Scoliosis	10.1186/s13013-016-0103-x
12/22/2015	Michele Pritchard	Differential effects of hyaluronan synthase 3 deficiency after acute vs chronic liver injury in mice	Fibrogenesis and Tissue Repair	10.1186/s13069-016-0041-5
1/26/2016	Amber Watts	Intra-individual Variability of Physical Activity in Older Adults with and without Mild Alzheimer's Disease	PLOS One	10.1371/journal.pone.0153898
2/8/2016	Jesse Grismer	The Eurasian Invasion: Phylogenomic data reveal multiple Southeast Asian origins for Indian Dragon Lizards.	BMC Evolutionary Biology	10.1186/s12862-016-0611-6
2/21/2016	Abdallah	Climate change influences on the global potential distribution of bluetongue virus	PLOS One	10.1371/journal.pone.0150489
2/29/2016	Samuel Asante	Intradural-Extramedullary Isolated Compressive Sarcoid Lesion	Surgical Neurology International	10.4103/2152-7806.194520
3/10/2016	Wai-Lun Chan	Growing Ultra-flat Organic Films on Graphene with a Face-on Stacking via Moderate Molecule-Substrate Interaction	Scientific Reports	10.1038/srep28895

3/15/2016	Eric J. Deeds	Mathematical model for length control by the timing of substrate switching in the type III secretion	PLoS Computational Biology	10.1371/journal.pcbi.1004851
4/7/2016	Nathan Locke	IVC Filter Erosion causing symptomatic obstructive hydronephrosis	Journal of Endourology Case Reports	10.1089/cren.2016.0070
5/2/2016	Susan Carlson	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
5/9/2016	Hiroshi Nishimune	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
5/11/2016	Deborah Smith	Population genetic evidence for sex-specific dispersal in an inbred social spider	Ecology and Evolution (Electronic)	10.1002/ece3.2200
5/18/2016	Tera Fazzino	Change in alcohol use during a phone-based weight management intervention for breast cancer survivors	Journal of Medical Internet Research Cancer	10.2196/cancer.6295
5/19/2016	Alexandra Brown	A Bayesian Comparative Effectiveness Trial in Action: Developing a Platform for Multi-Site Study Adaptive Randomization	Trials	10.1186/s13063-016-1544-5
5/19/2016	Rebecca Lepping	Neural Processing of Emotional Musical and Nonmusical Stimuli in Depression	PLOS One	10.1371/journal.pone.0156859
7/19/2016	Esmeralda Valdivieso	A systematic review of the relationship between familism and mental health outcomes in Latino population	Frontiers in Psychology	10.3389/fpsyg.2016.01632
8/8/2016	Michael Cooper	Emergin Relationships Between Exercise, Sensory Nerves, and Neuropathic Pain	Frontiers in Physiology	10.3389/fnins.2016.00372

8/9/2016	Carla Sabus	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
9/2/2016	Aili Breda	Expectations Regarding Aging, Physical Activity, and Physical Function in Older Adults	Gerontology and Geriatric Medicine	10.1177/2333721417702350
9/27/2016	Michele Pritchard	Evidence for a 'pathogenic triumvirate' in congenital hepatic fibrosis (CHF) in autosomal recessive polycystic kidney disease (ARPKD)	BioMed Research International	10.1155/2016/4918798
10/14/2016	Kyungjin Min	Carbon availability modifies temperature responses of heterotrophic microbial respiration, substrate affinity, and stable carbon isotope discrimination	Frontiers in Microbiology	10.3389/fmicb.2016.02083
10/24/2016	Jennifer Cauble	Poor validity of anthropometric equations to estimate infant fat mass at birth and in early infancy	BMC Pediatrics	10.1186/s12887-017-0844-6
11/3/2016	Chuanwu Zhang	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
12/16/2016	Prachee Avasthi	Flagellar synchronization is a simple alternative to cell cycle synchronization for ciliary and flagellar studies.	mSphere	10.1128/mSphere.00003-17
2/6/2017	Mohammad-Ali Jazayeri	Subcutaneous implantable cardioverter-defibrillator (ICD) placement in a patient with a preexisting transvenous ICD	Heart Rhythm Case Reports	10.1016/j.hrcr.2017.03.009
2/27/2017	Babalola Faseru	Changing the Default for Tobacco Treatment: Study Protocol of a Randomized Controlled Trial	Trials	10.1186/s13063-017-2119-9

3/13/2017	Anusha Vittal	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
3/22/2017	Zheng Wang	Increased force variability is associated with altered modulation of motoneuron pool in autism spectrum disorder (ASD)	Assistant Research Faculty	10.3390/ijms18040698
3/27/2017	Jordan Craig	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
4/28/2017	VISWA GANGEDDULA	Effect of cognitive demand on functional visual field performance in senior drivers with glaucoma	Frontiers in Aging Neuroscience	10.3389/fnagi.2017.00286
5/4/2017	Evangelia Chrysikou	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
6/8/2017	salman waheed, md mph	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
6/15/2017	Prabhakar Bastola	Specific mutations in D1-D2 linker region of VCP/p97 enhance ATPase activity and confer resistance to VCP inhibitors	Scientific Reports	10.1038/cddiscovery.2017.65
7/12/2017	allard jongman	Just noticeable differences (JNDs) for pitch direction, height, and slope for Mandarin and English listeners	The Journal of the Acoustical Society of America Express Letters	10.1121/1.4995526
8/22/2017	Rajasingh Johnson	Optical-flow based non-invasive analysis of cardiomyocyte contractility	Scientific Reports	10.1038/s41598-017-10094-7

9/16/2017	Caleb Grote	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
9/29/2017	Christina Amaro	"Are you gonna publish that?" Peer-reviewed publication outcomes of doctoral dissertations in psychology"	PLOS One	10.1371/journal.pone.0192219
10/4/2017	Jason Rucker	Multitasking in older adults with type 2 diabetes: A cross-sectional analysis	PLOS One	10.1371/journal.pone.0186583
10/31/2017	Susan Brock	Francisella tularensis confronts the complement system	Frontiers in Cellular and Infection Microbiology	10.3389/fcimb.2017.00523
11/14/2017	Nicholas Isom	Right Ventricular Heart Failure from A Cardiac Yolk Sac Tumor	American Journal of Case Reports	10.12659/AJCR.907639
11/20/2017	Mingxing Li	Perceptual distinctiveness between dental and palatal sibilants in different vowel contexts and its implications for phonological contrasts	Journal of the Association for Laboratory Phonology	10.5334/labphon.27
11/28/2017	Jessica Williams	Examining U.S. Public Knowledge and Preferences for Adult Preventive Services Coverage	PLOS One	10.1371/journal.pone.0189661
12/25/2017	Folashade Agosto	Transmission Dynamics for Methicilin-resistant Staphalococcus aureus with Injection Drug Users	BMC Infectious Disease	10.1186/s12879-018-2973-4
12/25/2017	Xiangxiong Kong	Image registration-based bolt loosening detection of steel joints	Sensors	10.3390/s18041000
12/28/2017	Aniket Rali	Hemoptysis after CardioMEMS Implantation: Case Report and a Review	American Journal of Case Reports	10.12659/AJCR.908508

1/2/2018	Mary E. Morningstar	Including College and Career Readiness within a Multi-Tiered Systems of Support Framework	AERA Open (American Educational Research Association)	10.1177/2332858418761880
1/17/2018	Melike Kahya	Pupillary response to cognitive demand in Parkinson's disease	Frontiers in Aging Neuroscience	10.3389/fnagi.2018.00090
1/22/2018	Daniel Reis	The anxiolytic effect of probiotics: A systematic review and meta-analysis of the clinical and preclinical literature	PLOS One	10.1371/journal.pone.0199041
3/8/2018	John A. Stanford	Short Term Development and Fate of MGE-Like Neural Progenitor Cells in Jaundiced and Non-Jaundiced Rat Brain	Cell Transplantation	10.1177/0963689718766327
4/13/2018	Esmeralda Valdivieso	Health-related Quality of Life of Older Adults in Costa Rica as Measured by the Short-Form-36 Health Survey (SF-36)	Gerontology and Geriatric Medicine	10.1177/2333721418782812
4/29/2018	Muhammad Aziz	Pseudoephedrine induced ischemic colitis: A case report and review of literature	Case Reports in Gastrointestinal Medicine	10.1155/2018/8761314
5/16/2018	Aniket Sengupta	A role for transcription factor autoregulation in developmental evolution	Frontiers in Plant Science	10.3389/fpls.2018.01561
6/9/2018	Xiao Yang	Context-sensitivity and Individual Differences in the Derivation of Scalar Implicature	Frontiers in Psychology	10.3389/fpsyg.2018.01720
6/27/2018	Radwan Ajlan	MRI visualization of optic nerve avulsion due to ocular perforation from BB gun	American Journal of Ophthalmology Case Reports	10.1016/j.ajoc.2018.06.016
7/2/2018	Luke Weisbrod	Familial colloid cyst of the third ventricle	Interdisciplinary Neurosurgery	10.1016/j.inat.2018.09.001
7/13/2018	Shengnan Li	Development of a Chinese and American Scale for Measuring Spirituality	Cogent Psychology	10.1080/23311908.2018.1501934

7/31/2018	Christopher C. Cushing	What Theoretical Domains Framework Elements do Parents want in a Pediatric Health Behavior App?: A Crowdsourced Social Validity Study	Journal of Medical Internet Research mHealth and uHealth	10.2196/mhealth.9808
8/14/2018	Grahmm Funk	Antibiotic Elution and Mechanical Strength of PMMA Bone Cement Loaded With Borate Bioactive Glass	Journal of Bone and Joint Infection	10.7150/jbji.27348
8/26/2018	Mohammed Alshehri	Self-report Sleep Quality Combined with Sleep Time Variability Distinguishes Differences in Fatigue, Anxiety, and Depression in Individuals with Multiple Sclerosis: A Secondary Analysis	Multiple Sclerosis Journal – Experimental, Translational and Clinical	10.1177/2055217318815924
10/12/2018	Apurva Panchal	Intravenous immunoglobulin for acute hemorrhagic leukoencephalitis refractory to plasmapheresis.	Clinical Case Reports	10.1002/ccr3.1843
10/28/2018	Daniah Shamim, MD	Favorable Outcome with Early Initiation of VV-ECMO for Unilateral Lung Disease in Children	Respiratory Medicine Case Reports	10.1016/j.rmcr.2018.11.019
11/1/2018	Qianqian Pan	Development of Self-control in Early Childhood — A Growth Mixture Modeling Approach	Cogent Psychology	10.1080/23311908.2018.1544537
11/1/2018	Sida Niu	Conservative management of hostile bladders with intravesical botulinum toxin for successful renal transplantation	Urology Case Reports	10.1016/j.eucr.2018.10.017
11/8/2018	Allek Scheele	Neutrophilic Eccrine Hidradenitis Secondary to Pegfilgrastim in a Patient with Synovial Sarcoma	Clinical Case Reports	10.1002/ccr3.1932
1/7/2019	Ramesh Balusu	CDC37 As a Novel Target for the Treatment of NPM1-ALK Expressing Anaplastic Large Cell Lymphomas	Blood Cancer Journal	10.1038/s41408-019-0171-2
1/16/2019	Alexander Gabrielli	GeneAnalytics Pathways and Profiling of Shared Autism and Cancer Genes	International Journal of Molecular Science	10.3390/ijms20051166

2/4/2019	Mohammad-Ali Jazayeri	Impact of Body Mass Index on the Association of Ankle-Brachial Index with All-Cause and Cardiovascular Mortality: Results from the National Health and Nutrition Examination Survey	Mayo Clinic Proceedings: Innovations, Quality & Outcomes	10.1016/j.mayocpiqo.2019.08.006
2/27/2019	Justin Blumenstiel/Alex Erwin	Aging in the Drosophila ovary: Contrasting changes in the expression of the piRNA machinery and mitochondria but no global release of transposable elements.	BMC Genomics	10.1186/s12864-019-5668-3
3/9/2019	Bristol Whites	Perception, knowledge, and interest of urologic surgery: a medical student survey	BMC Medical Education	10.1186/s12909-019-1794-5
3/22/2019	Mohammed Al-Jumayli	Clinical Outcome of Ampullary Carcinoma: Single Cancer Center Experience	Journal of Oncology	10.1155/2019/3293509
3/29/2019	Araba Kuofie	HIV knowledge and risk behaviors among older church-affiliated Blacks	Gerontology and Geriatric Medicine	10.1177/2333721419855668
3/31/2019	Daphne Mayes	Body size influences stingless bee (Apidae: Meliponini) communities across a range of deforestation levels in Rondônia, Brazil	Journal of Insect Science	10.1093/jisesa/iez032
4/1/2019	Darlingtina Atakere	General wellbeing in adult Black males with chronic illness	Gerontology and Geriatric Medicine	10.1177/2333721419855664
4/23/2019	Prachee Avasthi	Partially redundant actin genes in Chlamydomonas control transition zone organization and flagellum-directed traffic.	Cell Reports	10.1101/227553
4/29/2019	Radwan Ajlan	Ocular infarction following ethanol sclerotherapy of an arteriovenous malformation	American Journal of Ophthalmology Case Reports	10.1016/j.ajoc.2019.100457
4/30/2019	Caitlin Coughlin	Sensitivity to Inflectional Morphology in a Non-Native Language: Evidence from ERPs	Frontiers in Communication	10.3389/fcomm.2019.00021

7/2/2019	Shellie Ellis	Development, acceptability, appropriateness and appeal of a cancer clinical trials implementation intervention for rural- and minority-serving urology practices	Trials	10.1186/s13063-019-3658-z
7/2/2019	Christopher Cushing	Responsive Asthma Care for Teens (ReACT): Development protocol for an adaptive mobile health intervention for adolescents with asthma	BMJ Open	10.1136/bmjopen-2019-030029
7/16/2019	Sarah LeGresley Rush	Calculus-enhanced curriculum for introductory physics improves student performance locally and in downstream courses	Physical Review Physics Education Research	10.1103/PhysRevPhysEducRes.15.020126
7/18/2019	Aqeel Alenazi	The Effect of Cognitive Behavioral Therapy for Insomnia on Individuals with Type 2 Diabetes and Insomnia Symptoms: A Protocol for a Randomized Controlled Trial	JMIR Research Protocols	10.2196/14647
8/7/2019	Ryan Funk	Metabolomic Profiling to Identify Molecular Biomarkers of Cellular Response to Methotrexate, In Vitro	Clinical and Translational Science	10.1111/cts.12694
8/21/2019	Paul Hime	Genomic Data Reveal Conserved Female Heterogamety in Giant Salamanders with Gigantic Nuclear Genomes	G3: Genes Genomes Genetics	10.1534/g3.119.400556
8/29/2019	Mei He	3D cell culture stimulates the secretion of in vivo like extracellular vesicles	Nature Scientific Reports	10.1038/s41598-019-49671-3
9/17/2019	Matthew Vopat	Early Versus Delayed Mobilization Post-Operative Protocols for Primary Lateral Ankle Ligament Repair: A Systematic Review and Meta-analysis.	Orthopaedic Journal of Sports Medicine	10.1177/2325967119875133
9/19/2019	Hameem I Kawsar	Unremitting chronic skin lesions: A case of delayed diagnosis of glucagonoma	Journal of Community Hospital Internal Medicine Perspectives	10.1080/20009666.2019.1671574

9/20/2019	Bernard F. Hearon, MD	Nonoperative Treatment of Acute Distal Radioulnar Joint Instability: A Case Series	Journal of Hand Surgery Global Online	10.1016/j.jhsg.2019.10.002
9/25/2019	Carolyn Kaufman	Middle cerebral artery velocity dynamic response profile during exercise is attenuated following multiple ischemic strokes: a case report	Physiological Reports	10.14814/phy2.14268
10/8/2019	Jason E. Glenn	"It's like Heaven over there": Medicine as discipline and the production of the carceral body	Health & Justice	10.1186/s40352-020-00107-5
10/9/2019	Dinesh Pal Mudaranthakam	Optimizing retrieval of biospecimens using the Curated Cancer Clinical Outcomes Database (C3OD)	Biomedical Informatics Insights	10.1177/1176935119886831
11/6/2019	Madhulika Sharma	Notch4 activation aggravates NF-kappa B mediated inflammation in HIV-1 associated Nephropathy	Disease Models and Mechanisms	10.1242/dmm.040642
11/13/2019	Camille S Delavaux	Keeping it cool: Soil sample storage and DNA shipment up to one month does not impact metagenomic results	Ecology and Evolution	10.1002/ece3.6219
12/12/2019	Adrian Ortega	Developing Empirical Decision Points to Improve the Timing of Adaptive Digital Health Physical Activity Interventions in Youth	JMIR mHealth uHealth	10.2196/17450
1/2/2020	Alykhan Nagji	Pathologically Complete Response After Triple Therapy in Locally Advanced Esophageal Cancer in a Hereditary Hemorrhagic Telangiectasia Patient	Case Reports in Oncology	10.1159/000505832
1/8/2020	Apurva Panchal	Burn-induced myocardial depression in a pediatric patient leading to fulminant cardiogenic shock and multiorgan failure requiring extracorporeal life support	Clinical Case Reports	10.1002/ccr3.2667

1/16/2020	Thomas P McKenna	Abiotic and biotic context dependency of perennial crop yield	PLOS One	10.1371/journal.pone.0234546
1/26/2020	Caleb Grote	Primary Arthrodesis for Acute Diabetic Ankle Fractures: A Retrospective Review of 13 Cases	Foot & Ankle Orthopaedics	10.1177/2473011420908841
8/7/2019	Ryan Funk	Metabolomic Profiling to Identify Molecular Biomarkers of Cellular Response to Methotrexate, In Vitro	Clinical and Translational Science	10.1111/cts.12694
8/21/2019	Paul Hime	Genomic Data Reveal Conserved Female Heterogamety in Giant Salamanders with Gigantic Nuclear Genomes	G3: Genes Genomes Genetics	10.1534/g3.119.400556
8/29/2019	Mei He	3D cell culture stimulates the secretion of in vivo like extracellular vesicles	Nature Scientific Reports	10.1038/s41598-019-49671-3

Appendix E

Applications Received by Unit, Inception – June 2020 In Alphabetical Order

Unit	2012- FY19	FY20	Total
Allergy and Rheumatology		1	1
Anatomy and Cell Biology	12		12
Anesthesiology	1		1
Applied Behavioral Science	2	2	4
Biochemistry and Molecular Biology	3		3
Biodiversity Institute		1	1
Bioengineering	3		3
Biology	1		1
Biostatistics	6		6
Cancer Biology	3		3
Cancer Center	1	1	2
CardioThoracic Surgery		1	1
Cardiovascular Medicine	12		12
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	1	4
Chemistry	4		4
Child Language Doctoral Program		2	2
Civil, Environmental, and Architectural Engineering	1		1
Clinical Child Psychology Program	5	1	6
Clinical Informatics	1		1
Clinical Psychology	1		1
Communication Studies	3		3
Curriculum and Teaching	4		4
Department of Biostatistics and Data Science		2	2
Department of Communication Studies		1	1
Department of Oncology		1	1
Department of Orthopaedics at KU-Wichita	1	3	4
Department of Sports Medicine		1	1
Dietetics and Nutrition	7	2	9
Ecology and Evolution		1	1
Ecology and Evolutionary Biology / Biodiversity Institute / Natural History Museum	34	1	35
Educational Psychology	2		2
Electrical Engineering and Computer Science	4		4
Endocrinology	3		3
Environmental Studies	2		2
Family and Community Medicine		1	1
Family Medicine	9		9
Film and Media Studies		1	1
Geography	1		1
Geography & Atmospheric Science		1	1
Geology	3		3

Unit	2012- FY19	FY20	Total
Health Policy and Management	5		5
Health, Sport, and Exercise Sciences	1	2	3
Hematology and Oncology		1	1
Higuchi Biosciences Center	2		2
History and Philosophy of Medicine		1	1
History and Philosophy of Science	1		1
Hoglund Brain Imaging Center	3		3
Internal Medicine	13	3	16
Kansas Biological Survey		2	2
Kidney Institute		2	2
Linguistics	13	1	14
Mathematics	2		2
Medical Oncology	2	1	3
Microbiology, Molecular Genetics and Immunology	2		2
Molecular and Integrative Physiology	5		5
Molecular Biosciences	3		3
Music Education and Music Therapy	2		2
Neurology	9	1	10
Neurosurgery	8	1	9
Nursing	9		9
Oncology	7	3	10
Ophthalmology	5		5
Orthopedics	6	4	10
Otolaryngology	3	2	5
Pathology	2		2
Pediatrics	7	4	11
Pharmaceutical Chemistry	1	1	2
Pharmacology and Toxicology	2		2
Pharmacology, Toxicology and Therapeutics	4		4
Pharmacy Practice		1	1
Physical Therapy		1	1
Physical Therapy and Rehabilitation Science	21	3	24
Physics & Astronomy	1	3	4
Physiology	2		2
Population Health		1	1
Preventive Medicine and Public Health	16		16
Psychiatry and Behavioral Sciences	3	2	5
Psychology	22	2	24
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	2		2
Surgery	5		5
University of Kansas Transportation Center		1	1
Urology	6		6
Women, Gender, and Sexuality Studies	1		1
Total	344	68	412

Applications Received by Unit, Inception – June 2020

In Numerical Order

Unit	2012- FY19	FY20	Total
Ecology and Evolutionary Biology / Biodiversity Institute / Natural History Museum	34	1	35
Psychology	22	2	24
Physical Therapy and Rehabilitation Science	21	3	24
Preventive Medicine and Public Health	16		16
Internal Medicine	13	3	16
Linguistics	13	1	14
Cardiovascular Medicine	12		12
Anatomy and Cell Biology	12		12
Pediatrics	7	4	11
Orthopedics	6	4	10
Oncology	7	3	10
Neurology	9	1	10
Dietetics and Nutrition	7	2	9
Family Medicine	9		9
Nursing	9		9
Neurosurgery	8	1	9
Clinical Child Psychology Program	5	1	6
Urology	6		6
Biostatistics	6		6
Surgery	5		5
Psychiatry and Behavioral Sciences	3	2	5
Health Policy and Management	5		5
Molecular and Integrative Physiology	5		5
Otolaryngology	3	2	5
Ophthalmology	5		5
Electrical Engineering and Computer Science	4		4
Physics & Astronomy	1	3	4
Pharmacology, Toxicology and Therapeutics	4		4
Applied Behavioral Science	2	2	4
Curriculum and Teaching	4		4
Chemical and Petroleum Engineering	3	1	4
Department of Orthopaedics at KU-Wichita	1	3	4
Chemistry	4		4
Cancer Biology	3		3
Molecular Biosciences	3		3
Hoglund Brain Imaging Center	3		3
Biochemistry and Molecular Biology	3		3
Endocrinology	3		3
Geology	3		3
Health, Sport, and Exercise Sciences	1	2	3
Medical Oncology	2	1	3
Communication Studies	3		3
Bioengineering	3		3
Cancer Center	1	1	2
Social Welfare	2		2
Department of Biostatistics and Data Science		2	2
Environmental Studies	2		2
Speech, Language and Hearing	2		2

Unit	2012- FY19	FY20	Total
Pathology	2		2
Kansas Biological Survey		2	2
Pharmaceutical Chemistry	1	1	2
Schiefelbusch Institute for Lifespan Studies	2		2
Pharmacology and Toxicology	2		2
Sociology	2		2
Center for Child Health and Development	2		2
Educational Psychology	2		2
Mathematics	2		2
Music Education and Music Therapy	2		2
Physiology	2		2
Child Language Doctoral Program		2	2
Microbiology, Molecular Genetics and Immunology	2		2
Kidney Institute		2	2
Pulmonary and Critical Care Medicine	2		2
Higuchi Biosciences Center	2		2
Hematology and Oncology		1	1
Department of Communication Studies		1	1
Family and Community Medicine		1	1
Special Education	1		1
Center for Physical Education	1		1
Clinical Informatics	1		1
History and Philosophy of Medicine		1	1
Biology	1		1
Radiation Oncology	1		1
Center for Global and International Studies	1		1
Center for Computational Biology	1		1
Women, Gender, and Sexuality Studies	1		1
Department of Sports Medicine		1	1
Anesthesiology	1		1
Ecology and Evolution		1	1
Geography	1		1
Civil, Environmental, and Architectural Engineering	1		1
Center for Children and Families	1		1
CardioThoracic Surgery		1	1
Population Health		1	1
Geography & Atmospheric Science		1	1
Film and Media Studies		1	1
Department of Oncology		1	1
University of Kansas Transportation Center		1	1
Physical Therapy		1	1
Pharmacy Practice		1	1
Clinical Psychology	1		1
Biodiversity Institute		1	1
History and Philosophy of Science	1		1
Allergy and Rheumatology		1	1
Total	344	68	412