

OSU Libraries & Press Open Access Fund Report
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OSU Libraries & Press initiated a pilot Open Access Fund in April 2015 that pays for open access article processing charges for OSU authors who meet [award criteria](#). The purpose of the fund was to heighten the visibility and accessibility of OSU scholarship and to support faculty and their student and post-doc co-authors, in all disciplines, who choose to publish in open access journals that require article processing charges. The fund was intended for authors who did not otherwise have access to funds for open access publishing fees.

A total of \$14,880 was provided to 10 OSU lead authors for reimbursement of article processing charges. There was a limit of one award per faculty member at a maximum amount of \$2,000 per award. Funds were allocated on a first come, first served basis.

At the February 9 Library Administration, Management, and Planning (LAMP) meeting, it was agreed that the popularity of the fund demonstrates that there are OSU faculty and graduate students across the university who are interested in publishing articles in open access journals and do not have other sources of funding (such as grants or department funds) to pay for open access article publication charges. This fund met a need. LAMP agreed that future funding should be directed to assistant professors and graduate students in order to encourage open access publishing by new and emerging scholars.

Questions remain about where funding should come from. Do we solicit funds from the university and colleges and departments to support such an effort, devote a percentage of the library's general fund to pay author processing charges, solicit donor contributions, or some combination of the above?

In addition to the preliminary work of developing the criteria, a fund web page, and the online application form, applications were reviewed on a weekly basis and analyzed to determine if the articles met the fund criteria. Andrea Wirth served as the OA fund manager through July 2015. Michael has served in this role since. Complete application processing procedures are available on the [library wiki](#). The amount of time it takes to administer the fund is not insignificant.

The 10 OSU faculty applicants who received funding report to 10 different departments in 9 different colleges:

Agricultural Sciences-2
Liberal Arts-1
Health and Human Science-1
Engineering-1
Science-1
Forestry-1
Libraries-1

CEOAS-1
Veterinary Medicine-1.

Recipients include:

- Shanaka de Silva (CEOAS)
- Aymeric Goyer (Botany and Plant Pathology)
- Adam Higgins (Chemical, Biological and Environmental Engineering)
- Christopher Sanchez (Psychology)
- Sheila Kitchen (Integrative Biology)
- Matt Shinderman (Forest Ecosystems and Society--Cascades Campus)
- Walt Ream (Microbiology)
- Steve Van Tuyl (OSULP)
- Anne Julian (Social and Behavioral Health Sciences)
- Milan Milovancev (Vet Med).

Interestingly, the article published by Walt Ream was co-authored by undergraduate students he worked with who sequenced a bacterial genome and wrote an article about it. Four faculty at the rank of assistant professor, 2 full professors, 2 graduate students, 1 associate professor, and 1 senior instructor received funding. A total of 24 OSU faculty, 3 post-docs, 3 graduate students, and 11 undergraduate student *co-authors* benefitted from the fund.

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Journal	Publisher	APC
Volcanology	Frontiers	\$1,600
BMC Genomics	BioMed Central	\$2,000
Hydrology and Earth System Sciences	Copernicus Publications	\$1,200
PLoS ONE	PLoS	\$1,350 (2)
G3: Genes, Genomes, and Genetics	Genomic Society of America/Highwire Press	\$1,950
Ecology and Evolution	Wiley	\$2,000
Genome Announcements	American Society for Microbiology	\$330
Preventive Medicine Reports	Elsevier	\$1,100

BMC Veterinary Research	BioMed Central	\$2,000
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The following six articles have already been formally published. The remaining 4 are either still in press or under review.

Davidson, A. F., Glasscock, C., McClanahan, D. R., Benson, J. D., & Higgins, A. Z. (2015). Toxicity Minimized Cryoprotectant Addition and Removal Procedures for Adherent Endothelial Cells. *PLoS ONE*, 10(11), e0142828. doi:10.1371/journal.pone.0142828

De Silva, S. L., Mucek, A. E., Gregg, P. M., & Pratomo, I. (2015). Resurgent Toba–field, chronologic, and model constraints on time scales and mechanisms of resurgence at large calderas. *Frontiers in Earth Science*, 3, 25. doi:10.3389/feart.2015.00025

Goyer, A., Hamlin, L., Crosslin, J. M., Buchanan, A., & Chang, J. H. (2015). RNA-Seq analysis of resistant and susceptible potato varieties during the early stages of potato virus Y infection. *BMC genomics*, 16:472. doi:10.1186/s12864-015-1666-2

Kitchen, S. A., Crowder, C. M., Poole, A. Z., Weis, V. M., & Meyer, E. (2015). De Novo Assembly and Characterization of Four Anthozoan (Phylum Cnidaria) Transcriptomes. *G3: Genes| Genomes| Genetics*, 5(11), 2441-2452. doi:10.1534/g3.115.020164

Klein JM, Bennett RW, MacFarland L, Abranches Da Silva ME, Meza-Turner BM, Dark PM, Frey ME, Wellappili DP, Beugli AD, Jue HJ, Mellander JM, Wei W, Ream W. 2015. Draft genome sequence of *Erwinia billingiae* OSU19-1, isolated from a pear tree canker. *Genome Announc* 3(5):e01119-15. doi:10.1128/genomeA.01119-15.

Shinderman, M. (2015). American pika in a low-elevation lava landscape: expanding the known distribution of a temperature-sensitive species. [Article in Press]. *Ecology and Evolution*. doi:10.1002/ece3.1626