

Center for Mitochondrial & Epigenomic Medicine - CHOP

RESEARCH TECHNICIAN I

I hope this email finds you well. Here is all the important information for spreading the word about the job opportunity available in the Wallace lab. They are currently looking for two technicians! The posting link itself is <https://careers.chop.edu/job/Philadelphia-Research-Technician-I-Center-of-Mitochondrial-and-Epigenomic-Medicine-PA-19104/877978900/> and is linked below in my description. I have forwarded this information to Alex since I know he has been sharing job postings to Bio 097. If you have anyone in mind that would love to learn these skills let me know as I would be happy to guide them on how to have a good experience here!

Thank you so much!
Lia D'Alessandro

Research Technician I - Center of Mitochondrial and Epigenomic Medicine

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careers.chop.edu

What will they gain?

The position will enable students to develop mastery of mouse husbandry and mouse dissection. They will learn further wet lab techniques (genotyping, protein analysis, lipid analysis, etc.) through the execution of a project outside of mouse maintenance duties. The lab has several senior scientists (PhD and MD PhDs), post docs, PhD candidates and more to collaborate with and to gain career advice.

Here is some information about the lab:

More than 35 years ago, lab director Douglas C. Wallace, PhD, and his colleagues founded the field of human mitochondrial genetics. Dr. Wallace showed that the mtDNA is inherited exclusively from the mother and that genetic alterations in the mtDNA can result in a wide range of metabolic and degenerative diseases as well as being important in cancer and aging.

The Wallace Lab is a leader in CHOP's Center for Mitochondrial and Epigenomic Medicine studies on mitochondrial and epigenomic dysfunction in a wide range of clinical problems such as autism, epilepsy, heart disease, diabetes and obesity, forms of blindness, Alzheimer and Parkinson disease, cancer, and aging. In addition to examining the essential roles of mitochondria, the lab and CMEM teams are exploring how mitochondrial genes influence adaptation to extremes in our environment such as arctic cold, tropical heat, or high altitude. In addition, they are conducting preclinical studies relevant to developing therapies for mitochondrial dysfunction, for which few effective clinical treatments currently exist.

Lab website: <https://cmem.research.chop.edu/index.php>

APPLYING!:

If interested, students can feel free to apply at this link <https://careers.chop.edu/job/Philadelphia-Research-Technician-I-Center-of-Mitochondrial-and-Epigenomic-Medicine-PA-19104/877978900/> and contact my lab manager **Katherine Mitchell** (a swat alumna!) at MITCHELLKL@chop.edu. They also can reach me at dalessanl1@chop.edu if they have questions about the position experience as a recent graduate! I am more than happy to connect them with our current community!