



Klionsky Summer Research Fellowship in Pathology



Competitive 8-week summer fellowship for MS1 students

- Perform basic, translational or diagnostic research
- Uncover the mechanisms of human disease
- Learn about the field of Pathology through weekly clinical experiences
- Work with UPMC Department of Pathology Faculty
- Eligible for a stipend of up to \$4500

For more information:



Application Deadline: March 31

Contact: Dr. Wendy Mars (wmars@pitt.edu)

For more information: www.path.pitt.edu/training/clinical-opportunities/medical-students/medical-student-opportunities/klionsky-summer

**Our faculty perform both Basic and Translational research
Here are some of our faculty and their research areas:**

Cancer:

Tim Burns (lung cancer metastases)
burnstf@upmc.edu
<https://www.path.pitt.edu/timothy-f-burns-md-phd>

Yuan Chang (cancer viruses)
Yc70@pitt.edu
<https://www.path.pitt.edu/yuan-chang-md>

Yu-chih Chen (informatics in cancer)
Cheny25@upmc.edu
<https://www.path.pitt.edu/yu-chih-chen-phd>

Jon Davison (esophagus)
davisonjm@upmc.edu
<https://www.path.pitt.edu/people/jon-m-davison-md>

Marie DeFrances (cancer genetics)
defrancesmc@upmc.edu
<https://www.path.pitt.edu/people/marie-c-defrances-md-phd>

Frank Jenkins (virology)
fjenkins@pitt.edu
<https://www.path.pitt.edu/people/frank-j-jenkins-phd>

Yuri Nikiforov (cancer genetics)
nikiforovyev@upmc.edu
<https://www.path.pitt.edu/people/yuri-e-nikiforov-md-phd>

Xiaosong Wang (breast biomarkers)
xiaosongw@pitt.edu
<https://www.path.pitt.edu/xiaosong-wang-md-phd>

Alan Wells (cancer metastases)
wellsa@upmc.edu
<https://www.path.pitt.edu/people/alan-wells-md-dmsc>

Data mining:

Mike Becich (electronic health records and diabetes)
becich@pitt.edu
<https://www.health.pitt.edu/people/michael-j-becich>

Dermatopathology:

Jonhan Ho
hoxxjx@upmc.edu
<https://www.path.pitt.edu/people/jonhan-ho-md-ms>

Immunity/bacteria/viruses:

Ivona Pandrea (SIV and coagulation)
pandrea@pitt.edu
<https://www.path.pitt.edu/people/ivona-vasile-pandrea-md-phd>

Melanie Scott (inflammasomes/liver/sepsis)
scotmx@upmc.edu
<https://www.path.pitt.edu/melanie-j-scott-md-phd>

Sally Wenzel (lung/asthma/viruses)
swenzel@pitt.edu
<https://www.path.pitt.edu/sally-e-wenzel-md>

Genomic inborn errors of metabolism:

Steven Dobrowolski (metabolomics)
dobrowolskis@upmc.edu
<https://www.path.pitt.edu/people/steven-f-dobrowolski-phd>

Neurodegeneration and neuroinflammation:

Charleen Chu (mitochondrial dysfunction in Parkinsons)
ctc4@pitt.edu
<https://www.path.pitt.edu/people/charleen-t-chu-md-phd>

Julia Kofler (phenotypes of Alzheimers)
koflerjk@upmc.edu
<https://www.path.pitt.edu/people/julia-kofler-md>

Tissue Regeneration:**Bone/Cartilage**

Nam Vo (disc degeneration)
nvv1@pitt.edu
<https://www.path.pitt.edu/people/nam-vo-phd>

Heart/Lung

Corinne Kliment (mitochondria/fibrosis/COPD)
ckliment@pitt.edu
<https://www.path.pitt.edu/corrine-kliment-md-phd>

Melanie Koenigshoff (drug studies/stem cells in lung)
koenigshoffm@upmc.edu
<https://www.path.pitt.edu/melanie-koenigshoff-md-phd>

Julie Phillippi (coronary artery bypass)
phillippija@upmc.edu
<https://www.path.pitt.edu/julie-phillippi-phd>

Cindy St. Hilaire (vascular calcification)
sthilaire@pitt.edu
<https://www.path.pitt.edu/cynthia-st-hilaire-phd>

Sina Tavakoli (radiological imaging in heart/lung)
sit23@pitt.edu
<https://www.path.pitt.edu/sina-tavakoli-md-phd>

Liver/GI/kidney

Juliane Beier (toxicity studies in liver)
jibeier@pitt.edu
<https://livercenter.pitt.edu/people/juliane-i-beier-phd/>

Andy Duncan (ploidy as related to liver disease)
duncana@pitt.edu
<https://www.path.pitt.edu/people/andrew-w-duncan-phd>

Mo Ebrahimkhani (systems biology in liver)
mo.ebr@pitt.edu
<https://www.path.pitt.edu/people/mo-r-ebrahimkhani-md>

Eric Lagasse (stem cells in GI)
lagasse@pitt.edu
<https://www.path.pitt.edu/eric-lagasse-pharmd-phd>

George Michalopoulos (liver)
michalopoulosgk@upmc.edu
<https://www.path.pitt.edu/people/george-k-michalopoulos-md-phd>

Michael Oertel (liver)
mio19@pitt.edu
<https://www.path.pitt.edu/people/michael-oertel-phd>

Rod Tan (acute and chronic kidney disease)
tanrj@upmc.edu
<https://www.path.pitt.edu/roderick-j-tan-md-phd>

Please visit the Pathology web site for complete information on the:

Department

<https://www.path.pitt.edu>

Faculty

<https://www.path.pitt.edu/people>

Training Programs

<https://www.path.pitt.edu/training>

**KLIONSKY SUMMER RESEARCH FELLOWSHIP IN PATHOLOGY
APPLICATION**

LAST NAME: _____ **FIRST NAME:** _____

Medical School: _____ **MS year:** _____

Mailing Address

Street: _____

City: _____

State: _____

Phone: _____

E-mail: _____

Faculty Mentor

_____ I have identified a mentor

_____ I have not identified a mentor and am seeking help to do so

Mentor Information (if one has been identified):

Name: _____

Department/Division: _____

Phone: _____ E-mail: _____

How did you learn of this training opportunity? _____

Personal Statement:

In up to 300 words (attach separately), describe the project you propose with your identified mentor or alternatively, your reason for applying for the Klionsky Summer Research Fellowship in Pathology.

Please include a copy of your CV and your medical school transcript if you are *not* a Pitt Medical Student

Send application materials via email or mail to:

Wendy M. Mars, Ph.D.

University of Pittsburgh School of Medicine

Department of Pathology

S407 South BST

Pittsburgh, PA 16261

wmars@pitt.edu

412-648-9690

Applications due by March 31