

**Fourth Amendment to Faculty and Student Access Agreement  
for the Nanofabrication Facility of Carnegie Mellon University and  
the Petersen Institute of NanoScience and Engineering  
of the University of Pittsburgh**

This Fourth Amendment to the Faculty and Student Access Agreement for the Nanofabrication Facility ("Fourth Amendment") is made as of March 1, 2021, by and between Carnegie Mellon University ("Carnegie Mellon") and the University of Pittsburgh-Of the Commonwealth System of Higher Education ("University").

WHEREAS, on April 22, 2014, Carnegie Mellon and the University entered into a Faculty and Student Access Agreement (the "Agreement") pertaining to use of Carnegie Mellon's nanofabrication facility and the University's Petersen Institute of NanoScience and Engineering;

WHEREAS, the parties previously amended the Agreement by First Amendment dated April 9, 2015, by Second Amendment dated June 18, 2015, and by Third Amendment dated May 17, 2018; and

WHEREAS, the parties now desire to further amend the Agreement as follows.

NOW, THEREFORE, the parties hereto, intending to be legally bound, hereby agree as follows:

1. Section 5. Term and Termination; Effect of Termination is amended as follows:

The Term of the Agreement shall be extended for a period of three years, from June 1, 2021 through May 31, 2024, unless sooner terminated as permitted under the Agreement

The remaining provisions of Section 5 shall remain unchanged.

2. Pursuant to Section 12. Notices,

Notices to the University should be sent to:

Jennifer E. Woodward  
Vice Chancellor for Sponsored Programs and Research Operations  
University of Pittsburgh  
Office of Sponsored Programs  
300 MURDC  
3420 Forbes Avenue  
Pittsburgh, PA 15260  
E-mail address: [jew7@pitt.edu](mailto:jew7@pitt.edu)  
Telephone: (412) 624-7400  
Facsimile: (412) 624-7409

And notices to Carnegie Mellon should be sent to:

Carnegie Mellon University  
Office of Sponsored Programs  
Christine Bedillion  
Executive Director  
5000 Forbes Avenue  
Carnegie Mellon University Pittsburgh, PA 15213  
E-mail address: osp@andrew.cmu.edu  
Telephone: (412) 268-9774  
Facsimile: (412)268-6279

3. Attachment A is revised as attached hereto.
4. Any capitalized term not defined herein shall have the same meaning as in the Agreement.
5. The Agreement, as amended by this Fourth Amendment, together with all attachments and exhibits, constitutes the entire agreement and understanding between the parties and supersedes any prior or contemporaneous negotiations, agreements, understandings, or arrangements of any kind or nature with respect to the subject matter of the Agreement or the Fourth Amendment

IN WITNESS WHEREOF, the parties hereto have set their hands and seals as of the date first above written.

Carnegie Mellon University

DocuSigned by:  
By: Julia Sobol Dzurino  
1F6D305650504F0...  
Name: Julia Sobol Dzurino  
Title: Associate Director, OSP  
Date 3/25/2021

University of Pittsburgh – Of the Commonwealth  
System of Higher Education

DocuSigned by:  
By: Zachary J Byrnes  
C43C8A9CAB1648A...  
Name: Zachary J Byrnes  
Title: Associate Director  
Date 03-25-2021 | 1:35 PM EDT

**ATTACHMENT A  
CMU NANOFABRICATION FACILITY  
SCOPE OF ACTIVITIES**

Student/Faculty Name:

Advisor's Name and contact information:

**General Description of Activities and Equipment to be used:**

Dates during which Faculty/Student anticipates being at the Facility:

Student and/or Faculty Members understands and agrees, that total Fees charged for their equipment use in the Carnegie Mellon Facility cannot exceed \$5,000 per month. The University agrees to pay Fees based on the current pricing as set forth at [www.nanofab.ece.cmu.edu](http://www.nanofab.ece.cmu.edu).

University Address for Billing and Invoices:

Responsible Department Address:

With a Copy to:

Dr. David Waldeck  
Chevron Science Center  
219 Parkman Avenue, Room G-10  
Pittsburgh, PA 15260  
e-mail: [dave@pitt.edu](mailto:dave@pitt.edu)

University agrees to pay Carnegie Mellon within 30 days of receipt of invoice as follows:

By check made payable to "Carnegie Mellon University" directed to:

Carnegie Mellon University

Financial Services Group  
P.O. Box 360456  
Pittsburgh, PA 15251-6456  
Attn: Beth Callaway

With cc to:  
Matthew Moneck, Executive Manager  
Carnegie Mellon Nanofabrication Facility, ECE Department  
Pittsburgh, PA 15213-3891 USA  
email: mmoneck@andrew.cmu.edu

This Scope of Activities is effective as of the date of last signature below or the date University begins its use of the Facility, whichever is earlier.

**University of Pittsburgh-Of the Commonwealth System of Higher Education**  
**Office of Research**

Print Name:\_\_\_\_\_

Signature:\_\_\_\_\_Date:\_\_\_\_\_

E-mail address:\_\_\_\_\_

If applicable:

University Student, Print Name:\_\_\_\_\_

Signature:\_\_\_\_\_Date:\_\_\_\_\_

University Faculty Advisor, Print Name:\_\_\_\_\_

Signature:\_\_\_\_\_Date:\_\_\_\_\_

**Carnegie Mellon University**  
**Office of Sponsored Programs**

Print Name:\_\_\_\_\_Date:\_\_\_\_\_

Signature:\_\_\_\_\_

E-mail address:\_\_\_\_\_

Carnegie Mellon Facility Use Approved for up to\_\_\_\_\_hours per month by:

Print Name:\_\_\_\_\_Date:\_\_\_\_\_

Signature:\_\_\_\_\_