

STUDENT INTERNSHIP APPLICATION FORM

COMMUNITY COLLEGE OF PHILADELPHIA AND THE SINGH CENTER AT THE UNIVERSITY OF PENNSYLVANIA

The National Science Foundation supported Mid-Atlantic Nanotechnology Hub (MANTH), located at the Singh Center for Nanotechnology at the University of Pennsylvania, and the Community College of Philadelphia (CCP), have created a paid internship opportunity in nanotechnology for Community College of Philadelphia students. The program provides students with the opportunity to experience applications of advanced nanotechnology in a world-class cleanroom environment. CCP students would carry out this internship at the Singh Center over the course of a summer.

The content of the internship experience will allow for students to prepare samples and carry out processes to analyze structures at the nanometer scale, along with documenting the results of their work. Upon completion of the program, the interns will have a product that demonstrates and summarizes their skills and knowledge gained from their internship (e.g., final report, presentation). Interns will be able to demonstrate competency in a list of tasks, skills and acquisition of knowledge. This is a paid internship experience.

Student Name and J Number _____

Mailing Address: _____

Phone Number: _____

Email: _____

Part 1: General Eligibility Questions:

- 1.) Are you eligible to work in the United States? _____
2. Are you 18 years or older? _____
- 3.) Are you in good academic standing with a 3.0 GPA or higher? List your current GPA. _____
- 4.) Have you completed CIS 103 Computer Applications and Concepts with a B or better? _____
- 5.) Have you completed one of the courses below with a B or better? Answer yes/no and include grade if applicable.
 - AET 201 Introduction to Nanotechnology _____
 - CHEM 121 College Chemistry I _____
 - PHYS 111 General Physics I _____
- 6.) Indicate your work availability (days of the week/times of day). _____

Part 2: Applicants must submit an up to one page, single-spaced statement of interest that explains why they are pursuing this internship, as described above. Applicants should include a self assessment of the following (including examples where appropriate): ability to follow directions and learn new tasks, punctuality, conscientiousness, skills in oral communication, writing and working with teams.

Part 3: Applicants must submit 2 letters of recommendation using the attached form, preferably from professors in the sciences or math. The internship will take place in Singh Center facilities with state-of-the-art scientific equipment and/or industry laboratories.

Person providing Reference 1: _____

Person providing Reference 2: _____

Part 4: Signature: X _____ Date: _____

In accordance with the Academic Honesty Policy set forth by the Community College of Philadelphia, I certify that the information provided is answered truthfully. I agree to participate in periodic evaluations and in completion of reports or presentations with respect to my internship experience in compliance with the expectations of Singh Center and CCP.

STUDENT INTERNSHIP FACULTY RECOMMENDATION FORM

NANOTECHNOLOGY INTERNSHIP PROGRAM

COMMUNITY COLLEGE OF PHILADELPHIA AND THE SINGH CENTER AT THE UNIVERSITY OF PENNSYLVANIA

Student Name and J Number: _____

Dear Faculty Member,

The above student has given your name as a reference for admission for the Nanotechnology Internship Program between the Community College of Philadelphia and the Singh Center for Nanotechnology at the University of Pennsylvania. Based on what you know about this student, please comment on how they might adjust and contribute to a novel internship that would require working with new people along with sophisticated equipment, learning new procedures, and taking responsibility for given assignments, once trained. Please return this completed form and any additional documents to Linda Gerz (lgerz@ccp.edu). Thank you for taking the time to complete this recommendation for the applicant.

In what class(es) have you observed this student? _____

Please complete the chart below, based on your experience/observations of the student and your assessment of their suitability for an internship in a fabrication facility and/or laboratory:

| | Not Observed | Not Suitable | Partially Suitable | Suitable | Highly Suitable |
|--|--------------|--------------|--------------------|----------|-----------------|
| Ability to Follow Directions and Learn | | | | | |
| Punctuality | | | | | |
| Conscientiousness | | | | | |
| Oral Communication Skills | | | | | |
| Written Skills | | | | | |
| Team Skills | | | | | |
| Overall | | | | | |

Please use this space to add additional comments. Feel free to attach your personalized recommendation separately.

Recommendation Completed by:

Name: _____

Date: _____

Contact Information (Email/Phone Number): _____