

## Patrick Tuttle

The City College of New York (CUNY)

160 Convent Ave

New York, NY 10031

Cell: 419-303-1690

[Ptuttle000@citymail.cuny.edu](mailto:Ptuttle000@citymail.cuny.edu)

---

September 20, 2018

Ms. Jennifer G. Brown  
Corteva Agriscience Hiring Manager  
DowDuPont  
693 Washington St.  
Midland, MI 48640

Dear Ms. Brown,

I am very interested in the opening for the Isoclast Production Engineer position. I believe that my pertinent experience in the field of engineering, such as research in organic synthesis, production engineering internship, and military experience makes me an ideal candidate.

Research in organic chemistry allowed me to gain experience with various laboratory equipment, multiple organic synthesis and purification techniques, and health and safety regulations. Over the last year, I was a research student who helped research, synthesize, and purify imidazole and carbazole compounds using various techniques. Additionally, I was sent as a representative to present our research findings at conferences and various universities.

Last summer, I worked as a Production Engineering Intern at DowDuPont-DowAgrosciences. Over the course of three months, my primary projects allowed me to improve and develop quality critical procedures that resulted in the annual saving of \$125,000, research and evaluate pump performance that saved \$15,000 annually, and lead a five-year audit ensuring the plant complied with updated national, local, and industry health, safety, and performance regulations. I also initiated and implemented several Management of Changes (MOC), helped with Loss Prevention Practices (LPP), and helped with the Layers of Protection Analysis (LOPA) for implementing a new product.

As an instructor and operator in the Naval Nuclear Power program, I gained theoretical and technical knowledge, leadership ability, and a re-enforcement of core values, such as honor, integrity, and teamwork. Additionally, I mentored 25 sailors and acted as a maintenance supervisor for eight months, earning maintenance supervisor of the quarter. Plant conditions changed periodically, and the maintenance I performed was both corrective and preventative. I was highly trained in chemistry and radiological effects on the environment and how to properly handle and dispose of nuclear waste and other potentially hazardous material.

I believe that I would be an asset to DowDuPont, and the Isoclast Production Engineer position would be a great opportunity for me to learn from a company who shares the same core values I learned while serving, performing research, and during my internship. Thank you for your consideration.

Sincerely,

Patrick Tuttle