



### Société de Chimie Industrielle Undergraduate Fellows at Columbia University

Last Name	First Name	Major	Project	Summer of
Amemiya	Erika	Chemistry	Synthesis and catalytic applications of heterobimetallic compounds	2019
Dippon	Vanessa	Chemistry	Directed evolution of an artificial Metalloenzyme to accelerate Rh(III) catalysis	2019
Qian	Kevin	Chemistry	The surface and photochemistry of Novel formate-bound CdS nanocrystals	2019

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Caniglia	Caravaggio	Chemistry	Probing conductance pathways in saturated, straight-chain alkanes, silanes, and germanes	2018
Teglasi	Joseph	Chemistry	Investigating the effect of precursor conversion reactivity on the nucleation of InP nanocrystals	2018
Wang	Jason	Biochemistry	Merge photoredox and cobalt catalysis-- [2+2+2] cycloaddition and reductive cyclization of 1,6-diyne	2018

Bhaskar	Roshan	Chemistry	Synthetic efforts toward the allylation and crotylation reactions through silane complexation	2017
Huang	Ivy	Chemistry	Channel compounds for intercalation battery electrode applications	2017
Knudson	Isaac	Chemistry	Aromatic ion-based polyelectrolytes as electrolytic materials for energy storage	2017

Kulko	Elizaveta	Chemistry	Synthesis of alkyne-tagged voltage sensing dyes and their localization by stimulated Raman scattering microscopy	2016
Kweon	Oh Sang (James)	Chemistry	Integrin localization in bleb protrusion in disseminating breast cancer	2016
Moneer	Osman	Chemistry	Exploring transition metal dichalcogenides for use in making atomically-thin transistors	2016

Cricco-Lizza	Eliza	Biochemistry	Catalysts for dehydrative reactions	2015
Fossum	Britt	Chemistry	Working with perylene diimide derivatives to synthesize new molecules and study these molecules for use in solar cells and molecular electronics	2015
Myong	Michele	Chemistry	Synthesis of an n-heterocyclic carbene for dye-sensitized solar cells	2015

Musavi	Leila	Biochemistry	Researching the therapeutic relevance of RAS GTPases in cell and animal models of disease	2014
Turkiewicz	Ari	Applied Physics	Researching the synthesis of solid state materials using molecular clusters as building blocks	2014
Vancura	Bert	Biochemistry	Working to synthesize and characterize a class of novel organoplatinum complexes	2014

Kazer	Sam	Chemistry	Work on biomolecular chemistry at nano-and micro-particle interfaces	2013
Levine	Matthew	Biophysics	Investigation of the invasive behavior of various breast cancer cell lines	2013
Tsim	Matthew	Chemistry	Studies toward an All-Carbon [3 + 2] Cycloaddition Catalyzed by Cyclopropenimines	2013

Braffman	Nathaniel	Chemistry	Pyrrone Diels-Alder approaches to the synthesis of indoline alkaloids	2012
Bucher	Cyril	Chemistry	Efforts toward the total synthesis of dictyostatin	2012
Musselman	Kelsey	Chemistry	Mechanistic studies of the reaction of carboxylic acids and isonitriles to yield n-formylamides	2012