

Dr. Lee J. Silverberg

**Professor Tenure-Line
Chemistry**

Title of your research project.

Oxidations of 2,3-diaryl-2,3-dihydro-1,3-thiaza-4-ones

Description of research. Please provide a few sentences that explain the question and the methods employed in this research project.

We explore the further conversion of our compounds by oxidation at the sulfur and other atoms. These also may be tested for bioactivity.

Did this project include Penn State students as researchers?

Yes

If yes to the above question, please state where it was published.

Acta Cryst. Sect. E: Crystallographic Commun. 2018, E74, 1695-1699.

Acta Cryst. Sect. E: Crystallogr. Commun. 2017, E73, 1417-1420.

IUCrData 2017, 2, x171112.

Acta Cryst. Sect. E: Crystallogr. Commun. 2017, E73, 1189-1191.

Acta Cryst. Sect. E: Crystallogr. Commun. 2016, E72, 1541-1543.

Int. J. Chem. (Toronto, ON, Can.) 2015, 7 (2),73-84.

Acta Cryst. Sect. E: Crystallogr. Commun. 2015, E71, 264-267.

What problem do you address with your research?

Selectivity in oxidations.