Publications:

“First-Semester Organic Chemistry During COVID-19: Prioritizing Group Work, Flexibility, and Student Engagement.” **L. A. Nickerson**, K. M. Shea, *J. Chem. Ed*. **2020**, *97*, 3201-3205.

“Transition Metal Catalyzed Insertion Reactions with Donor/Donor Carbenes.” B. D. Bergstroma, **L. A. Nickerson**a, J. T. Shawa, L. W. Souzaa, *Angew. Chem. Int. Ed.* **2020**, 10.1002/anie.202007001. aAuthors are listed alphabetically by last name.

“Enantioselective Synthesis of Isochromans and Tetrahydroisoquinolines by C–H Insertion of Donor/Donor Carbenes.” **L. A. Nickerson**, B. D. Bergstrom, M. Gao, Y-S. Shiue, C. J. Laconsay, M. R. Culberson, W. A. Knauss, J. C. Fettinger, D. J. Tantillo, J. T. Shaw. *Chem. Sci.* **2020**, *11*, 494-498.

“Au(I)-Catalyzed Synthesis of Trisubstituted Indolizines from 2-Propargyloxypyridines and Methyl Ketones.” M. D. Rossler, C. T. Hartgerink, E. E. Zerull, B. L. Boss, A. K. Frndak, M. M. Mason, **L. A. Nickerson**, E. O. Romero, J. E. Van de Burg, R. J. Staples, C. E. Anderson. *Org. Lett.* **2019**, *21*, 5591-5595.

**“**Enantioselective Synthesis of Indolines, Benzodihydrothiophenes, and Indanes by C–H Insertion of Donor/Donor Carbenes.” L. W. Souza,† R. A. Squitieri,† C. A. Dimirjian, B. M. Hodur, **L. A. Nickerson**, C. N. Penrod, J. Cordova, J. C. Fettinger, J. T. Shaw. *Angew. Chem. Int. Ed.* **2018**, *130*, 15433-15436. †These authors contributed equally.

“Symmetric Synthesis of Homocitric Acid Lactone.” **L. A. Nickerson**, V. Huynh, E. I. Balmond, S. P. Cramer, and J. T. Shaw. *J. Org. Chem*. **2016**, *81*, 11404-11408.

“Cerium-free Luche Reduction Directed by Rehydrated Alumina.” E. Jones-Mensah,† **L. A. Nickerson**,† J. L. Deobald, H. J. Knox, A. B. Ertel, and J. Magolan. *Tetrahedron*, **2016**, *72*, 3748-3753. †These authors contributed equally.