

## Selected Publications (undergraduate coauthors\*, graduate student coauthors#)

Giuliano, R. M. "Synthesis of 4-Amino-4-Deoxy Sugar Components of Bacterial Oligosaccharides, Antibiotics, and Antitumor Agents," *Elsevier Reference Module in Chemistry, Molecular Sciences, and Chemical Engineering*, **2018**, <https://doi.org/10.1016/B978-0-12-409547-2.12710-6>.

#Rotella, M.; Bezpalko, M.; Piro, N.; Lazzara, N.; Kassel, Zubris, D.; Giuliano, R. "Synthesis, X-ray Crystallographic and Computational Analysis of 2,3-Dideoxy- $\alpha$ - and  $\beta$ -erythro-hexopyranosyl Cyanides. *American Chemical Society Symposium Issue 1257, Stereochemistry and Global Connectivity: The Legacy of Ernest L. Eliel* **2017**, pp 155-170. <https://doi.org/10.1021/bk-2017.ch008>

#Briegel, A. C.; \*Cummings, A. K.; #Smith, G. R., \*Doroski, M. D.; Boyko, W. J.; Piro, N. A.; Kassel, Wm.S.; Giuliano, R. M. "Synthesis of Lemonose Derivatives: Methyl 4-Amino-3-O, N-Carbonyl-2,4,6-Trideoxy-3-C-Methyl- $\alpha$ -L-lyxo-Pyranoside." *Carbohydrate Research* **2015**, *409*, 63-68.

#Rotella, M.; #Giovine, M.; Dougherty Jr., W.; Boyko, W. Kassel, S. "Synthesis and x-ray crystallographic analysis of 4,6-di-O-acetyl-2,3-dideoxy- $\alpha$ -D-threo-hexopyranosyl cyanide. *Carbohydrate Research*, **2016**, *425*, 40-42.

#Vagadia, P. P.; #Brown, S. P.; Zubris, D. L.; Piro, N. A.; Boyko W. J.; Kassel, Wm. S.; Giuliano, R. M. "Stereoselective Synthesis of 7-Deoxy-1,2;3,4-Di-O-Isopropylidene-D-glycero- $\alpha$ -D-galacto-Heptopyranose," *Carbohydrate Chemistry: Proven Methods* **2015**, *3*, 245-253.

#Scholl, C.; #Licisyn, T.; \*Cummings, C.; #Hughes, K.; Johnson, D.; Boyko, W.; Giuliano, R. M. "Synthesis of Cyclopropyl Glycosides and Their Use as Novel Glycosyl Donors," *Carbohydrate Research*, **2012**, *356*, 288-294.