

1135-VJ-361 **Paul Sisson*** (paul.sisson@lsus.edu) and **Tibor Szarvas** (tibor.szarvas@lsus.edu).
Calculus and Art.

Calculus is still too often presented as a collection of tools and theorems devoid of human connections and relationships to other topics. The graphic art of calculus is one such often-overlooked connection. Drs. Sisson and Szarvas, both of whom have many years of experience as professors of mathematics and as university administrators, illustrate the art that arises from the search for ever more effective approaches to teaching and from giving students the means to explore calculus while they learn. The images they discuss can serve to motivate students and inspire a deeper appreciation for the subject. Examples include Enneper surfaces, Lissajous and cycloid-type figures, and objects formed in the TNB frame, with special emphasis on lessons learned while creating images for their calculus textbook. (Received August 28, 2017)