In 1989, the University of Michigan eliminated General Chemistry for the vast majority of entering students who were interested in pursuing basic science (and pre-health) programs. Engineering students and students who might want (or need) a one-term introductory course do have this option available to them; however, this is not a prerequisite for taking the organic sequence. Over the years, we have developed and experimented with many different ideas to support students in the organic program, lecture and laboratory, and particularly with a supplemental instruction option for Honors credit. As a group, the organic division remains committed to chalk-talk drawing and discussion in our face-to-face sessions, literature-based examinations, coherence across the course regardless of when it is taught, and in making a diverse set of resources available. We have periodically carried out research on parts of the program, and some of these results will also be included.