

1135-01-1180 **David E Peifer*** (dpeifer@unca.edu). *Max Dehn's Black Mountain College Students.*

Max Dehn was a member of the Black Mountain College (BMC) faculty the last seven years of his life, from 1945 until 1952. At the beginning of his career, Dehn had done ground breaking work in topology and infinite group theory. It is surprising that at the end of his career he taught at this small liberal arts college with an emphases on the arts. What influence did Dehn have on this unique community? As part of an answer to this question, we will examine the careers of a few of the BMC students whose lives were influenced by their time with Dehn. Both Trueman MacHenry and Peter Nemenyi were BMC graduates who later received PhD's in mathematics and statistics. Dorothea Rockburne, a New York based contemporary artist, says that Dehn was the BMC faculty who had the most influence on her painting career. Ruth Asawa, who was a San Francisco based sculptor and art educator, took several courses from Dehn and kept a lifelong relationship with his family. (Received September 20, 2017)