The work of composer Leah Muir has been shown and performed in many international venues, such as the Deutsche Oper Berlin, Bruckner Orchester Linz with Dennis Russell Davies and David Friedman, the Münchener Biennale, Wien Modern, MärzMusik, Academy Schloss Solitude, Wiener Konzerthaus, Konzerthaus Berlin, the Aspen Music Festival, June in Buffalo, Ars Electronica, Soundtrack Cologne, with many established new music ensembles and soloists. She has received many international awards and prizes during her career including a an ASCAP (2001), a Fulbright to work with Chaya Czernowin (2006-7), the German Opera "New Scenes" Prize (2013) the Berliner Composition Stipend (2016), the German cultural exchange program for Venice (2019) to name a few.

Muir's music theatre productions include "Von Sodom und Gomorra nach Berlin" premiered at the Münchener Biennale, the 40 min. mini opera, "Wie man findet, was man nicht sucht". Her work as a video artist include "8 to 8" first shown at the Matera festival. She has been developing video projects with talented soloists, including the lmusic video filmed in Venice, "Private Sponsor I" and a video performance of Lorelei Dowling on Contraforte which will premiere with Klangforum Wien in the concert season of 2020/21. "Lost Time" was composed in conjunction with Chihura Shiota's installation at the Stadtmuseum Nikolaikirche in Berlin.

As a guest professor in the composition department at the Berlin University of the arts Muir serves as the Artistic Director and co-founder of Ensemble ilinx, Studio for New Music. She is also serving on the faculty at Stanford University, the Bing Overseas Program in Berlin.