In October of 2013, I founded the Center for Global Women’s Health Technologies at Duke University to provide stimulating multidisciplinary and multicultural experiences to motivate Duke’s young women and men to utilize science and technology to tackle global challenges in women’s health. The hope is to create an international pipeline of innovators and innovations to transform the health of women globally. In this talk, I will describe three of our current efforts towards these goals, specifically point of care technologies for cervical cancer screening and breast tumor margin assessment and finally, our experience with an education based service learning opportunity for students to teach practical engineering skills to women and girls in low resource communities.