

1163-AE-1015 **Miranda I Teboh-Ewungkem*** (mit703@lehigh.edu), Department of Mathematics, Lehigh University, Bethlehem, PA 18015. *Supporting Mathematics in Developing Countries: Case of Collaboration with Dr Gideon Ngwa and the University of Buea, Cameroon.*

Many African diaspora mathematicians with basic math training from African universities are eager to engage with the institutions that trained them. They need support to make those efforts meaningful. Some practicing mathematicians working in developing countries but trained in developed nations need encouragement to continue to stay in their home countries to promote the development of mathematics there. Women and others in mathematics in developing countries need role models, mentors and active collaboration. In this talk, I present my collaborative efforts with African institutions, starting with my sustained collaboration with Dr. Ngwa, Dept. of Mathematics, Univ. of Buea, Cameroon, a mathematician trained in Oxford. Next, I share my engagements with the Math Dept., Univ. of Buea, through teaching, supervision and in organizing internationally attended mathematics meetings, as well as in training students, engaging them in research and, in mentoring junior faculty. I will also highlight my role in examining students' work from other African universities, discussing successes/challenges encountered, the roles ADMP, GRAID, and the NSF have played, via grants, and continue to play in enabling the successes of the aforementioned collaborations. I will conclude with future plans. (Received September 14, 2020)