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Tanya Moore* (tanya@intersectinglines.us). *A Storied Perspective: What the Lives and Careers of Women in Math Can Teach us About Broadening Participation*. Preliminary report.

Women have been active participants in the mathematical sciences throughout history, yet chronic underrepresentation of women in the field persists and the contributions of women are not largely known. As questions arise about how best to increase recruitment and retention of women in mathematics, examining the lives of women mathematicians can be instructive. The author explores how we might use biographies to inspire, motivate and change the narrative around who mathematicians are and the work that they do. This presentation focuses specifically on three African American women mathematicians, Evelyn Boyd Granville, Dorothy Hoover and Gladys B. West, and shares how their lives can be used as road maps for efforts focused on broadening participation in math. (Received September 15, 2020)