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**Gregg Musiker\*** ([musiker@math.umn.edu](mailto:musiker@math.umn.edu)). *Bipartite Graphs, Quivers, and Cluster Variables.*

We discuss work of In-Jee Jeong, an REU student mentored by the speaker at UMN in summer 2011. This work provides combinatorial formulas for Laurent expansions of certain cluster variables for certain periodic quivers. In particular the formulas illustrated use weighted sums of perfect matchings of certain bipartite graphs and provide variants of previously known formulas involving Aztec Diamonds. (Received January 29, 2012)