1105-57-119 **Allison K Henrich*** (henricha@seattleu.edu), Seattle University, 901 12th Ave, PO Box 222000, Seattle, WA 98122, and **Slavik Jablan** and **Inga Johnson**. *Invariants of Pseudoknots.* Preliminary report.

Pseudoknots are equivalence classes of knot diagrams where some crossing information may be unknown. Recently, two major invariants of pseudoknots have been defined: (1) a probabilistic invariant called the weighted resolution set and (2) a combinatorial invariant that is derived from the Gauss diagram of the pseudoknot. Before this work, it was conjectured that the weighted resolution set was a complete invariant of pseudoknots. We have just proven this conjecture false, using the Gauss-diagrammatic invariant. In this talk, we present our counterexample and proof. (Received September 12, 2014)