1172-57-200   **Thang T.Q. Le** and **Adam S Sikora*** (`asikora@buffalo.edu`), 244 Math Bldg, University at Buffalo, SUNY, Buffalo, NY 14260. *Stated skein algebras and a geometric approach to quantum groups.* Preliminary report.

We generalize the theory of stated Kauffman bracket skein algebras of the first author and his collaborators to SL(n)-skein algebras, based on the relations of the second author. This theory provides a geometric interpretation of the quantum group Oq(sl(n)) and of some of its important properties. (Received August 28, 2021)