1158-05-108   **Colleen Robichaux*** (`cer2@illinois.edu`), 273 Altgeld Hall, 1409 W. Green St., Urbana, IL 61801, **Harshit Yadav** (`yadav7@illinois.edu`), 273 Altgeld Hall, 1409 W. Green St., Urbana, IL 61801, and **Alexander Yong** (`ayong@illinois.edu`), 273 Altgeld Hall, 1409 W. Green St., Urbana, IL 61801. *The ABCDs of Schubert calculus.*

We collect *Atiyah-Bott Combinatorial Dreams* (A·B·C·Ds) in Schubert calculus. One result relates equivariant structure coefficients for two isotropic flag manifolds, with consequences to the thesis of C. Monical. We contextualize using work of N. Bergeron-F. Sottile, S. Billey-M. Haiman, P. Pragacz, and T. Ikeda-L. Mihalcea-I. Naruse. The relation complements a theorem of A. Kresch-H. Tamvakis in quantum cohomology. Results of A. Buch-V. Ravikumar rule out a similar correspondence in K-theory. (Received February 25, 2020)