1048-57-113   **John A Baldwin*** (`baldwinj@math.princeton.edu`), John Baldwin, Department of Mathematics, Fine Hall, Washington Road, Princeton, NJ 08544-1000. *Capping off open books and the Ozsváth-Szabó contact invariant.*

If (S, ϕ) is an open book with disconnected binding then we can form a new open book (S', ϕ') by capping off one of the boundary components of S with a disk. We define a U-equivariant map on Heegaard Floer homology which sends $c^+(S', \phi')$ to $c^+(S, \phi)$, and we discuss various applications. (Received February 01, 2009)