1147-35-474   **Hongjie Dong*** (`hongjie_dong@brown.edu`), 182 George Street, Providence, RI 02912-9056, and **Kunrui Wang**, 182 George Street, Providence, RI 02912-9056. *Boundary regularity for the 3D incompressible Navier-Stokes equations.*

We establish several boundary ε-regularity criteria for suitable weak solutions to the 3D incompressible Navier-Stokes equations in a half cylinder with the zero Dirichlet boundary condition on the flat boundary. Our proofs are based on delicate iteration arguments and interpolation techniques. These results extend and provide alternative proofs for the earlier interior results by Vasseur, Choi-Vasseur, and Phuc-Guevara. (Received January 24, 2019)