Consider the moduli space $M_{0,n}$ of curves of genus 0 with $n$ marked points. Call a point $x \in M_{0,n}$ postcritically special if there is a postcritically finite rational map $F : \mathbb{P}^1 \to \mathbb{P}^1$ whose postcritical set $P$ is a representative of the point $x$ in moduli space.

In an email conversation, L. DeMarco posed the following question: in $M_{0,n}$, what does the locus of postcritically special points look like? We prove that this locus is dense in $M_{0,n}$, with respect to the complex-analytic topology. (Received September 03, 2015)