Lecture Abstract: In this presentation, we articulate some of the confusion and disagreement over the interpretation of the Clean Slate statute through interviews with legal professionals. Next, we explain the operation of the Rules Engine, following the relatively sparse explanation available, and we discuss the consequences of this effective but inscrutable tool. Finally, we present our initial work on an alternative computational approach: a “digital sandbox” for legislators, lawyers, judges, and citizens to define and explore the consequences of legislation. The sandbox environment will allow differing interpretations of statutory law, or various revisions to existing law, to be expressed formally and compared through automated analysis. We see computation as a way not only to expand the benefits of criminal justice reform but also to enhance individuals’ understanding and agency with regard to the law.