Computational procedures increasingly inform how we work, communicate, and make decisions. In this talk, I draw on interviews and ethnographic observations conducted within the Los Angeles Police Department to analyze the organizational and institutional forces shaping the use of information for social control. I reveal how the police leverage predictive analytics and new surveillance technologies to allocate resources, codify risk, and conduct investigations. I argue big data does not eliminate discretion, but rather displaces discretionary power to earlier, less visible parts of the policing process, which has implications for organizational practice, social inequality, and the law.