Cops in Lab Coats

Cops in Lab Coats

Curbing Wrongful Convictions through Independent Forensic Laboratories

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TO MY PARENTS ALFREDO AND THELMA GUERRA Whose passion for justice inspires me.

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Foreword

In 1927, the state of Virginia forcibly sterilized 21-year-old Carrie Buck after scientific "experts" concluded that she was a feebleminded moral delinquent. According to these so-called authorities, Ms. Buck inherited genetic defects from her mother which she, in turn, passed on to her own infant daughter. Based on manufactured—and later thoroughly discredited—"scientific evidence" against Ms. Buck, the U.S. Supreme Court upheld Virginia's mandatory sterilization law. Justice Oliver Wendell Holmes famously justified the Court's decision by quipping that "three generations of imbeciles are enough."

It's tempting to view what happened to Carrie Buck as an unfortunate relic of the unsophisticated past. Surely, we think, the methodology and standards applied by scientists today are far superior to those forced upon the unknowing Carrie Buck. Surely, stringent safeguards are now in place that would have exposed the dishonest "experts" who fabricated evidence against her. Surely, today's judges show more concern for the importance of scientific truth when dealing with fundamental questions of human liberty.

Cops in Lab Coats shatters those assumptions. It begins with the powerful story of twenty-six-year-old George Rodriguez, condemned wrongfully for a rape and sentenced to serve a sixty-year term. A single hair, miraculously preserved when the rest of the evidence was discarded, proved his innocence seventeen years later. But Sandra Guerra Thompson is not simply portraying one man's dramatic rescue from the justice system. She is, instead, describing a broken system—of hundreds, perhaps thousands, of wrongful convictions obtained as a result of shoddy, fraudulent, or otherwise invalid forensic science.

Although this record lends itself to scandal, sensational exposé, and outrage, Professor Thompson instead thoughtfully lays out the causes of those crime lab scandals and argues persuasively that this situation is nothing short of a national crisis. Her analysis of the groundbreaking 2009 report from the National Academy of Sciences casts doubt on the scientific validity of many of the forensic disciplines that shape not only popular crime-scene television dramas but all too real courtroom testimony in which juries determine guilt or innocence.

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As I learned from personal experience, however, the release of the NAS report did not dampen the zeal exhibited by some prosecutors to embrace untested "scientific" methods purveyed by self-proclaimed experts in the quest to obtain convictions. Late in 2009, I was horrified to learn that prosecutors planned to use the results of a dog-scent lineup in the upcoming retrial of my client, Anthony Graves, for capital murder. Anthony had been convicted and sentenced to death fifteen years before for the 1992 murder of a family of six in Somerville, Texas. Anthony's conviction was overturned by the Fifth Circuit Court of Appeals in 2005, but rather than release Anthony, the state elected to retry him. At that point, I was one of the lawyers on Anthony's legal team.

Four years after the Fifth Circuit's ruling, however, Anthony still sat in the Burleson County jail, waiting for his retrial. In a last-ditch effort to obtain physical evidence tying Anthony to the crime scene, a deputy sheriff had his dogs smell six items from the burned-out house where the murders had occurred seventeen years before. The deputy reported that after smelling two of the six items, his dogs "alerted" to a gauze pad that had been wiped across Anthony's skin. According to the deputy, this "proved" that Anthony had been present at the crime scene. Had Anthony's life not been at stake, the flimsy melodrama would have been laughable. But the defense team dared not treat it as a joke because a Texas appellate court had already ruled that dog-scent lineup evidence was admissible in court. The prosecutors notified us that the deputy's dog-scent findings would be a key part of the state's case, even though they knew that the deputy had no formal training, followed no scientific protocols and could present no studies to validate his procedures. Soon afterwards, we learned that the deputy had been sued by several people who had been wrongly convicted thanks, at least in part, to his "infallible" dogs. (Ultimately, in 2010, Anthony was exonerated on the grounds of actual innocence, without having to be retried.)

Had I possessed this book in 2009, I would have been better prepared to fight the admissibility of the dog-scent evidence had Anthony's case gone to trial. The book's utility to criminal defense lawyers is obvious. But meaningful criminal justice reforms cannot be achieved simply by educating defense lawyers. This book should be on the must-read list for prosecutors, judges, police officers, forensic scientists, law students, and everyone else affected by the criminal justice system. The solution that Professor Thompson proposes is making crime labs independent of police departments. She does not claim that it will magically solve all problems, but she argues cogently and systematically that it can and will reduce incompetence, unconscious bias toward the prosecution, and improper management in these laboratories. The facts and arguments she presents should reduce the surprising levels of resistance to the concept of

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crime lab independence among professional organizations within the forensic science community, as well as federal and state prosecutors and law enforcement agencies.

As a Houstonian, I was embarrassed a decade ago by the crime lab failures that seemed to be featured almost daily in the news. Today, nothing makes me prouder about living in Houston than the willingness of our city leaders, our police department, and our citizens to embrace the concept of crime lab independence. It is our good fortune to have Professor Thompson, an acknowledged expert in wrongful convictions as well as a former prosecutor, serving on the board that oversees the new Houston Forensic Science Center. My fondest wish is that Professor Thompson's detailed description of our city's bold crime lab experiment will provide inspiration, as well as a blueprint, for other jurisdictions to free their crime labs from the control of cops in lab coats.

Nicole B. Cásarez, J.D. Professor, University of St. Thomas Houston, Texas

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