

MORE GREAT QUESTIONS IN SCIENCE

Can SCIENCE Stop Crime?

1 X 53 HD



PBS.
INTERNATIONAL

MORE GREAT QUESTIONS IN SCIENCE

Can SCIENCE Stop Crime?

1 X 53 HD

CONTACT

Tom Koch, Vice President
PBS International
10 Guest Street
Boston, MA 02135 USA

TEL: +1-617-208-0735
FAX: +1-617-208-0783

jt Koch@pbs.org
pbsinternational.org

Can science create a world without crime or help catch crooks before they can act again? *NOVA scienceNow* peers inside the criminal mind and discovers cutting-edge forensic techniques that are helping investigators stop criminals in their tracks.

The Criminal Mind: Born of Made?

How do genes, brain structure, and environment conspire to make one person a criminal and another a rule-abiding citizen? *NOVA scienceNow* meets scientists who are using neuroimaging and genetic testing to uncover the biology of aggression, as well as individuals who demonstrate that environment plays a critical role in rewriting biological destiny.

Lie Detection

Can science spot a lie? Millions of polygraphs are still done every year, although the technique is deeply flawed. Now, scientists are learning how to spot lies at their very source, inside the brain. *NOVA scienceNOW* puts the technique to the test and finds out how brainwaves might reveal what some people strive to keep hidden; the decision to deceive.

Death Investigators

Murder investigations often hinge on one critical detail: When did the victim die? But determining the time of death is not as easy as it sounds. With a visit to a body farm *NOVA scienceNow* explores the biological forces behind a corpse's decomposition, learns why a maggot can be a forensic scientist's best friend, and witnesses how scavenging vultures can throw investigators dangerously off-track.

Profile: Tadayoshi Kohno

We all know that hackers can tap into our computers. But did you know that they can also take control of our cars, medical devices, and even children's toys? University of Washington computer scientist Yoshi Kohno hacks into everyday machines, deciphering how criminals could transform them into perfect spies—or lethal weapons—in an effort to stay one step ahead of the hackers who could turn our increasingly electronic world against us.

120720

NOVA

CREDITS

Writer, Producer, Director: Scott Tiffany

Executive Producer: Julia Cort

Senior Executive Producer: Paula S. Apsell

Profile of Tadayoshi Kohno

Writer, Director: Joshua Seftel

Producers: Joshua Seftel and Erika Frankel

Photo: isak55 for Shutterstock; Bullet hole: oriontrail for Shutterstock



PBS

INTERNATIONAL