



## June Newsletter

*Better Justice Through Better Science™*

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### *Newsflash*

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- **Gun Violence Homicide Case**
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## *Cybergenetics News*

*National Gun Violence Awareness Month*



June is *Gun Violence Awareness Month*, a time to highlight effective solutions that prevent harm and protect communities. Stopping violence early requires proactive intervention and accurate accountability—especially when it comes to young people.

Across 385 handgun-related DNA cases, TrueAllele has successfully interpreted mixtures involving up to 8 contributors—evidence data far too complex for manual methods. These handgun cases span 37 jurisdictions, including 33 U.S. states, Washington, D.C., Puerto Rico, Canada, and the UK, reflecting broad acceptance. Cybergeneics intervention assisted in 78 guilty outcomes and 5 acquittals. Other resolutions included dismissals and non-prosecutions, demonstrating TrueAllele’s value in establishing the truth for either side.

This month, Cybergeneics was proud to attend the *Illinois Juvenile Officers Association* (IJOA) Conference for the first time, joining law enforcement officers dedicated to juvenile justice and community safety. Our TrueAllele technology helps solve challenging DNA cases, identify the right individuals, and prevent future offenses.

By combining innovative forensic tools with timely intervention, we can stop a young offender escalating to more serious crime. Intervention can break the cycle of youth violence before it becomes a lifelong pattern.

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# Gun Violence Homicide Case

## Pennsylvania v. Christian Bey



On July 17, 2019, off duty Pittsburgh Police Officer Calvin Hall was fatally shot after a block party. The murder weapon was a firearm found near the scene. The county crime laboratory analyzed the gun for DNA. But they couldn't interpret the mixture data. Their inconclusive DNA results were uninformative.

Testing the same DNA data, TrueAllele casework separated the mixture. The computer connected the gun to suspect Christian Bey with an appreciable match statistic of 7.02 nonillion (a 1 followed by 30 zeros). For the grips, the TrueAllele match statistic to Bey was 73.4 billion.

In March 2023 a Cybergenetics expert witness testified about the DNA match results. An Allegheny County jury convicted Bey two weeks later. He was sentenced to life in prison without parole.

These cases underscore how better technology can help protect our local community. Reminders like *National Gun Violence Awareness Month* can help prevent future tragedies.

**Trials**

 **Cybergenetics** Need better DNA for justice?

**Complimentary TrueAllele®  
DNA Screening**

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## ***DNA Database Investigation***

### *Unmixing, Uploading and Connecting DNA*

At this year's IJOA Conference, Cybergenetics connected with law enforcement professionals from across the Midwest. Our message to the juvenile justice professionals was simple: when DNA evidence gets too complex, Cybergenetics' TrueAllele can help.

In today's world, crime doesn't stay within city limits. Youth-related gang activity and multi-jurisdictional crime often involve many people. The DNA evidence can contain multiple contributors, low-level DNA, or degraded samples. Traditional lab methods often find such DNA data "inconclusive." That's where TrueAllele steps in.

TrueAllele's powerful computing technology can unmix complex DNA mixtures, extract clear match statistics, and connect suspects to crime scenes across broad geographic areas. In one [real-world crimewave involving juvenile car thefts](#), TrueAllele revealed links between 37 incidents across six jurisdictions. But other methods failed to make connections.

## Unmixing, Uploading and Connecting DNA Evidence: TrueAllele® Technology

Illinois Juvenile Officers Association (IJOA)  
2025 Conference  
Peoria, Illinois  
June, 2025

Jonathan B. Perlin, M.S.

 Cybergenetics

  
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Investigators deal with partial DNA profiles, too many contributors, or evidence dismissed as uninterpretable. TrueAllele helps them make useful connections between people, places, and crimes. The computer helps solving cases early, with fewer dead ends and stronger leads. And for juvenile officers, that means a better chance at early intervention before a young offender becomes a lifelong criminal.

[Presentations](#)

 Cybergenetics **Need more accurate science?**

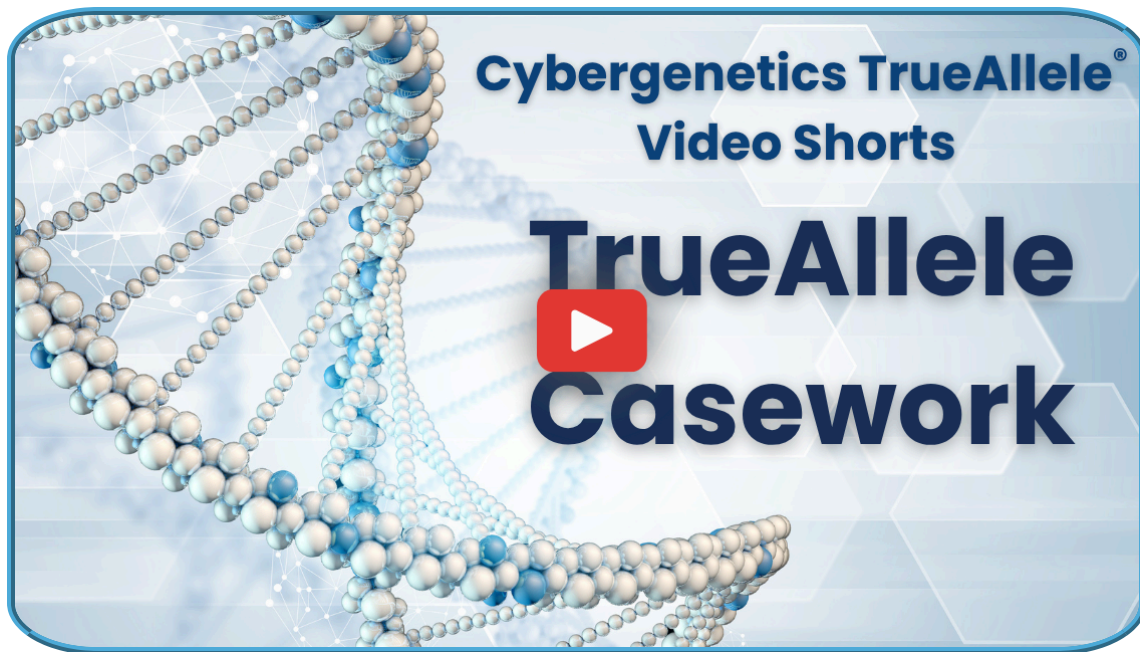
**Complimentary TrueAllele®  
DNA Screening**

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## ***Video Feature***

***TrueAllele Casework***




When crime occurs, DNA is often left behind—but traditional methods may struggle to interpret low-level or mixed samples. This short video introduces Cybergenetics' TrueAllele® Casework technology that can help law enforcement interpret "uninterpretable" DNA evidence. Faster answers mean faster crime solving—and one more tool in the fight to stop crime before it escalates.

 **Cybergenetics** Need more accurate science?

**Complimentary TrueAllele®  
DNA Screening**

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## *Conferences*





If you are attending upcoming conferences, stop by our booth to learn how TrueAllele interprets complex DNA evidence data that traditional methods can't resolve. We'll share real case examples, explain how to request a free DNA screening, and answer questions about how TrueAllele supports investigations, defense strategies, and post-conviction reviews. Whether you're reexamining evidence or dealing with inconclusive lab results, we're here to help!

## August

- I.H.I.A. - *International Homicide Investigators Association 31st Annual Symposium*
  - Location: Hyatt Regency, Louisville, KY
  - Dates: August 3-8
- C.H.I.A. - *California Homicide Investigators Association 56th Annual Conference*
  - Location: The Red Rock Casino Resort and Spa, Las Vegas, NV
  - Dates: August 12-15

At *IHIA*, Loudoun County Chief Deputy Commonwealth's Attorney Nicole Wittmann and Cybergenetics Chief Scientist and Executive Dr. Mark Perlin will be talking about *Prosecuting Homicide with "Inconclusive" DNA – Virginia Case Studies*.

Stop by our trade booth to learn how TrueAllele technology can help you solve your most complex DNA cases.



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