



*The Advocacy Institute, in Conjunction with the County Prosecutors Association of New Jersey,
Is Pleased to Announce*

PROGRAM ANNOUNCEMENT

5th ANNUAL CODIS CONFERENCE

June 21, 2012

8:45 a.m. to 12:30 a.m.

NJ Forensic Science & Technology Center

1200 Negron Drive

Hamilton, New Jersey

Program Summary

The 2012 Combined DNA Index System ("CODIS") Conference will focus on the success of New Jersey's CODIS program, the New Arrestee Law, Fingerprints and SBI Numbers, Forensic DNA Typing and the future of DNA Technology. This program is designed to further the participants' understanding of these issues for the investigation and prosecution of criminal cases.

Who Should Attend?

Both experienced and new Assistant Prosecutors, Deputy Attorneys General, Assistant Attorneys General and law enforcement officers involved in the investigation and prosecution of criminal cases involving DNA will benefit from this conference.

Who Is the Faculty?

See attached.

CLE Credit

NJ CLE Credit: This program had been approved by the Board on Continuing Legal Education of the Supreme Court of New Jersey for 4.0 hours of total CLE credit. Of these, 0.0 qualify as hours of credit for ethics/professionalism, and 4.0 qualify as hours of credit toward certification in criminal trial law.

NY CLE Credit: 4.0 substantive credits (pursuant to the approved jurisdiction policy).

PA CLE Credit: 3.0 substantive credits (\$4.50 mandatory registration fee required).

How Do I Register?

State Employees

Most State employees are able to register for this course by going to <http://reg.dcj.lps.state.nj.us/login.aspx?portalid=2> and creating an AGAI Course Registration account. To do so, your computer **must** be attached to the government's Garden State Network. Upon opening the AGAI Course Registration System home page, you will see the Create Account link in the Login Box. Click on it and create your account, which will include you selecting a user name and password. Once you create your account, you can access the AGAI Course Registration System at <http://reg.dcj.lps.state.nj.us/login.aspx?portalid=2> to register for future courses or to manage your account. Please retain your user name and password for your records.

Non-State Employees or State Employees not Connected to the Garden State Network

If you are not a State employee, or are otherwise unable to access the AGAI Course Registration System through the Garden State Network, kindly email the Advocacy Institute at: AdvocacyInstitute@lps.state.nj.us for an authorization code to allow you access to the AGAI Course Registration System through the My New Jersey portal. **Setting up your account through the portal is a two-step process, the details of which are set forth in the next two paragraphs.**

Once you receive the portal authorization code you will be prompted to go to the My New Jersey portal at <http://www.state.nj.us/> and create a portal account. This is Step 1 of the process, which you need only do once.

Upon setting up your portal account, you need to set up your AGAI Course Registration System account. This is Step 2. To do so, log on to the My New Jersey Portal <http://www.state.nj.us/>. Upon opening the AGAI Course Registration System home page, you will see the Create Account link in the Login Box. Click on it and create your account, which will include you selecting a new user name and password. Once you create your account, you can access the AGAI Course Registration System at <http://reg.dcj.lps.state.nj.us/login.aspx?portalid=2> to register for future courses or to manage your account. Please retain your user name and password for your records.

PRESENTATION SUMMARIES AND FACULTY BIOGRAPHIES

DNA & CODIS: PUTTING IT ALL TOGETHER **(9:00 a.m. to 10:30 a.m.)**

(Part 1: Success of New Jersey's CODIS Program)

This presentation focuses on the overall picture of the structure of CODIS and statistics on the number of profiles entered into CODIS and the number of hits that have resulted from those entries. The current set up of the laboratory, how evidence is processed in the lab and the typical reports connected with biological evidence will be reviewed. Factors that determine eligibility of specimens to be uploaded into CODIS will also be discussed. The success of the CODIS program is evident in the number of hits received every year and the increase in case submissions to the laboratory system.

Maureen Low-Beer is currently the Acting DNA Laboratory Director for the New Jersey State Police Office of Forensic Sciences located in Hamilton Township, New Jersey. Maureen has over 28 years of experience as a forensic scientist in the laboratory system and is currently tasked with supervising the daily operations of the DNA Laboratory. She has testified in federal, superior and municipal courts on cases involving the analysis of drugs, toxicology, biological fluids and DNA. Maureen has a BA in chemistry from Douglass College and a Master of Forensic Science degree from George Washington University in Washington, D.C.

(Part 2: New Arrestee Law - DNA Database & Databank Act)

The presentation will address the legal requirements for collecting a DNA sample under New Jersey's DNA Database and Databank Act and the relevant statutory provisions of the Act. This presentation will also address the statutory change in the Act that recently took place that will require DNA samples upon arrest for certain violent crimes, which will be effective February 1, 2013. This presentation will also discuss legal decisions concerning challenges to DNA arrestee database statutes.

DAG Janet Flanagan is currently supervisor of the Division of Criminal Justice's CODIS Compliance Unit, wherein she manages the day-to-day operations and supervises all aspects of the Unit, which monitors and enforces compliance with New Jersey's DNA Database and Databank Act. She has successfully briefed and argued the constitutionality of New Jersey's DNA Act before the New Jersey Supreme Court and has drafted DNA Rules and Regulations that became law on December 3, 2007. Prior to her current position, DAG Flanagan was a supervisory appellate attorney representing the State of New Jersey in hundreds of criminal appeals before New Jersey Appellate and Supreme Courts. She briefed and argued the landmark death penalty case, *State v. Robert Marshall*, 123 N.J. 1 (1991), that became New Jersey's first death penalty case to be affirmed by the New Jersey Supreme Court.

(PART 3: Fingerprints & SBI Numbers)

This presentation will describe common unit functions of the NJSP AFIU. Participants will gain an understanding of the following: 1-How fingerprints are captured and processed; 2. Who is required to be fingerprinted in NJ; 3. What occurs when fingerprints are taken; 4. Why fingerprints are important to the law enforcement community; and 5. Fingerprints and their relationship to the Computerized Criminal History (CCH). Participants will also gain an understanding of the NJ Automated Fingerprint Identification System (AFIS) database and Mug Photo repository. Examples of AFIU Fingerprint Technicians assisting enlisted law enforcement will be presented.

Sergeant. Bradley Cherry is currently the Assistant Unit Head of the New Jersey State Police AFIU located at the NJSP's Division Headquarters in West Trenton, New Jersey. He has been with the NJSP for thirteen years after graduating the NJSP Training Academy in Sea Girt, New Jersey. He received a BA in Criminal Justice from Moravian College in Bethlehem, PA in 1991. He has instructed students in many subject areas, including Records Management System, Mid-Level Management and Leadership Courses and a Training Refresher Certification Course.

FORENSIC DNA TYPING: FUTURE OF DNA TECHNOLOGY (10:40 a.m. to 12:30 p.m.)

This presentation briefly reviews past and present methods utilized with forensic DNA testing and then discusses issues facing the field with topics including low-level DNA, mixtures, and familial searching. This presentation will also describe why the latest methods for human genome analysis are not always the best fit for forensic DNA needs.

John M. Butler, Ph.D. is NIST Fellow and Group Leader of Applied Genetics at the National Institute of Standards and Technology. He is author of the internationally acclaimed textbook *Forensic DNA Typing* now in its third edition, as well as more than 100 scientific articles and invited book chapters. His book was also translated into Chinese (2007) and Japanese (2009). His Ph.D. research, which was conducted in the FBI Laboratory, involved pioneering the techniques now used worldwide in modern forensic DNA testing. Over the past 20 years, Dr. Butler has worked in government and industry. He enjoys teaching and regularly presents training workshops to scientists, students, and lawyers. He designed and maintains STRBase (<http://www.cstl.nist.gov/biotech/strbase>), an information resource for short tandem repeat DNA markers. He serves as an invited guest to the FBI's Scientific Working Group on DNA Analysis Methods and currently chairs the mixture interpretation subcommittee. As a member of the World Trade Center Kinship and Data Analysis Panel, he aided the New York City Office of Chief Medical Examiner in their work to identify the remains of victims of the 9/11 terrorist attacks. He also serves on the Department of Defense Quality Assurance Oversight Committee for DNA Analysis and advises numerous national and international forensic DNA efforts. He is a member of the International Society of Forensic Genetics and an Associate Editor for the prestigious journal *Forensic Science International: Genetics*. Dr. Butler has received numerous awards during his career including the Presidential Early Career Award for Scientists and Engineers (2002), the Department of Commerce Gold Medal (2008) and Silver Medal (2002), the Arthur S. Flemming Award (2007), Brigham Young University's College of Physical and Mathematical Sciences

Honored Alumnus (2005), and the Scientific Prize of the International Society of Forensic Genetics (2003). In August 2011, ScienceWatch.com announced that Dr. Butler was number one in the world as a high-impact author (number of citations per paper published) in legal medicine and forensic science for the decade of 2001-2011. He and his wife serve in their community and church and are the parents of six children, all of which have been proven to be theirs through DNA testing.



County Prosecutors Association



Division of Criminal Justice



NJSP Office of Forensic Sciences

5th Annual CODIS Conference

NJ Forensic Science & Technology Center
1200 Negron Road
Hamilton, NJ

Thursday - June 21, 2012 - 8:45 a.m. to 12:30 p.m.

AGENDA

8:15 - 8:45 a.m.

REGISTRATION

8:45 - 9:00 a.m.

WELCOMING REMARKS

Stephen J. Taylor, Director
Division of Criminal Justice

Howard Baum, Ph.D., Director
NJSP Office of Forensic Sciences

9:00 -10:30 a.m.

DNA & CODIS: Putting it all Together

PART 1:

Success of New Jersey's CODIS Program
Maureen Low-Ber, DNA Lab Director
NJSP Office of Forensic Sciences

PART 2:

New Arrestee law – DNA Database & Databank Act
DAG Janet Flanagan, CODIS Compliance Unit

PART 3:

Fingerprints & SBI Numbers
Sgt. Bradley Cherry, A.F.I.S. Unit, NJSP

10:30 – 10:40 a.m.

BREAK

10:40 a.m. - 12:30 p.m.

Forensic DNA Typing: Future of DNA Technology

John M. Butler, Ph.D.
National Institute of Standards & Technology

(Optional tour of lab following conference)