

Interagency Workshop on the use of Next-Generation DNA Sequencing for Human Identification and Characterization

January 31, 2012

National Institute of Standards and Technology
Biochemical Science Division
Gaithersburg, MD 20899

The Deputy Director, Defense Forensics is convening a workshop to discuss the impact that rapidly advancing Next-Generation DNA sequencing technologies will have on Government Human Identification (ID) and forensics applications, and develop a cooperative interagency development plan that will efficiently leverage limited science and technology funding to accelerate research and development in this area. The workshop includes overviews of the current state of Next Generation DNA sequencing technologies and applications of DNA sequence analysis to human ID and forensics. The anticipated output of this workshop is a draft set of clearly defined Government-wide needs and goals for Next Generation DNA Sequencing applications for human ID and forensics that is grounded in understanding of interagency needs and the technical underpinnings of near-term sequencing capabilities. Common needs and goals within this set may provide opportunities for future cooperative interagency efforts to accelerate the development and application of this technology using a model similar to that used in current efforts to develop and field rapid DNA analysis prototypes based on STR analysis.

Background reading material and meeting information can be found at the following website
http://www.nist.gov/mml/biochemical/genetics/ngs_hid_workshop.cfm

Agenda

8:30 am	Arrival and Coffee	Room B208
9:00 am	Welcome, Workshop Objectives	Mr. Kroupa A202
9:15 am	DNA Sequencing Technologies and their Application to Human ID and Forensics	NIST/MIT-Lincoln Lab
10:45 am	Break	
11:00 am	DNA Sequencing Technologies and their Application to Human ID and Forensics	NIST/MIT-Lincoln Lab
12:00 pm	Lunch	Room B208
1:00 pm	Presentations from Additional Agencies	AFDIL, ATF, others
1:30 pm	Discussion	
3:00 pm	Adjourn	

Restrooms are located down the hallway on the left after the glass stairway.
Coffee and lunch are both located in B208 to the left of the conference room.
Sandwiches will be delivered for lunch and a \$5 donation would be appreciated.

