

AGENDA

2017 All Hands Meeting

June 7-9, 2017 • Ames, IA

Wednesday, June 7, 2017

All day Airport shuttles from the Des Moines airport to Gateway Hotel can be booked through the registration or 10 days in advance of the meeting by emailing registrations@iastate.edu

6:00 pm **Welcome Reception** **South Prairie**

Thursday, June 8, 2017

7:00 AM **Registration, Check-In and Breakfast** **North/Central Prairie**

8:00 AM **Opening Remarks from Dr. Alicia Carriquiry** **North/Central Prairie**

8:30 AM **Project Reports- Statistical Foundations and Human Factors** **North/Central Prairie**

8:30 - Anjali Mazumder (K, DD)	9:00 - Simon Cole (E)
8:40 - Maria Cuellar (BB)	9:05 - William Thompson (I)
8:45 - William F. Eddy (AA)	9:10 - Brandon Garrett (U,W)
8:50 - Dan Spitzner (HH)	9:20 - Daniel Murrie (T)
8:55 - Cleotilde Gonzalez (M)	

9:30 AM **Short Discussion**

9:45 AM **Break**

10:00 AM **Project Reports- Handwriting, Fingerprints, Firearms and Toolmarks** **North/Central Prairie**

10:00 - Hal Stern (G)	10:15 - Karen Kafadar (X)
10:05 - Daniel Murrie (V)	10:20 - William F. Eddy (O)
10:10 - Joseph Kadane (Q)	10:25 - Heike Hofmann (CC)

10:30 AM **Short Discussion** **North/Central Prairie**

10:45 AM **Break**

11:00 AM **Project Reports- Shoeprint and Tread marks, Digital Forensics, Blood Pattern Analysis**

11:00 - Charless Fowlkes (A)	11:20 - Jennifer Newman (D)
11:05 - Jared Murray (II)	11:25 - Chris Galbraith (S)
11:10 - Alicia Carriquiry (EE)	11:30 - Daniel Attinger (P)
11:15 - Yong Guan (J)	

11:30 AM **Short Discussion** **North/Central Prairie**

11:45 AM **Break**

12:00 PM **Buffet Lunch** **North/Central Prairie**

1:00 PM

Breakout Session 1 by Research Topic

Group 1 - Human Factors

South Prairie

Project E - Analysis of Forensic Testimony and Reports (Cole)

Project I - Evaluating Lay Perceptions of Forensic Evidence and Forensic Statistics (Thompson)

Project M - Human Factors in Visual Identification: A Cross-Cutting Research Proposal (Gonzalez)

Project T - Forensic Processing and Human Factors at Crime Laboratories (Murrie)

Project U - Research on Lawyers, Jurors, and the Evaluation of Forensic Evidence (Garrett)

Project W - Legal Education and Forensic Evidence (Garrett)

Group 2 – Statistical Foundations

North/Central Prairie

Project K - Improving the Statistical Validity of Forensic Science Databases – Size, Relevance, Representativeness and Utility (Mazumder)

Project AA - Inverse Problems in Forensic Science – A Statistical Approach (Eddy)

Project BB - Blind Proficiency Testing: Designing a Methodology for Forensic Laboratories (Cuellar)

Project DD - Probabilistic Framework for the Evaluation of Complex Forensic Inference: Accounting for Uncertainty, Multiple Data Sources and Expert Judgement (Mazumder)

Project HH - Statistical Modeling Framework for Pattern Evidence (Spitzner)

Group 3 – Blood Pattern Analysis

Conference Room 2

Project P – Combining Fluid Dynamics, Statistics and Pattern Recognition in Bloodstain Pattern Analysis, to Quantify Spatial Uncertainty and Remove Human Bias (Attinger)

Group 4 – Fingerprints

North/South Meadow

Project Q - Developing a Statistical Foundation for Latent Print Comparison (Kadane)

Project V - Latent Fingerprint Proficiency Testing (Murrie)

Project X - Quality Metrics for Latent Fingerprints (Kafadar)

2:45 PM

Break

3:15 PM

Breakout Session 2 by Research Topic

Group 5 – Firearms/Handwriting

South Prairie

Project O - Developing Methods for Comparison of Cartridge Breechface Images (Eddy)

Project CC – Statistical and Algorithmic Approaches to Matching Bullets (Hofmann)

Project G - Towards a Score-Based Likelihood Ratio for Handwriting Evaluation (Stern)

Group 6 – Digital Forensics

North/South Meadow

Project D - StegoDB: An Image Dataset for Benchmarking Steganalysis Algorithms (Newman)

Project J - Mobile App Forensic Analysis (Guan)

Project S - Statistical Methods for Change Detection Over Time in Digital Forensics Data (Smyth)

Group 7 – Shoeprints

North/Central Prairie

Project A - Statistical Models for the Generation and Interpretation of Shoeprint Evidence (Fowlkes)

Project EE – Statistical and Algorithmic Approaches to Shoeprint Analysis (Carriquiry)

Project II - Understanding and Modeling the Probability Distribution of Accidental/Randomly Acquired Characteristics for Shoeprint Matching (Murray)

4:30 PM	Training and Education General Session	North/Central Prairie
5:30 PM	Break and Transportation- Shuttles to transport guests	Reiman Gardens
5:45 PM	<i>Poster set up (each project is strongly encouraged to present a poster)</i>	
6:00 PM	Mixer and Poster Session	Reiman Gardens
7:30 PM	Dinner and Keynote Address from Hon. Barbara Hervey	Reiman Gardens
	<i>Shuttles running from 7pm-9:15 pm to transport guests to Gateway Hotel</i>	

FRIDAY, JUNE 9

7:00 AM	Breakfast	North/Central Prairie
8:00 AM	Reports from Groups	North/Central Prairie
10:00 AM	Break	
10:30 AM	Reports from Groups	North/Central Prairie
12:00 PM	Lunch and Closing Remarks	North/Central Prairie
1:00 PM	Adjourn	

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