

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE



MERCURY PROPOSERS' DAY

IARPA

L E A D I N G I N T E L L I G E N C E I N T E G R A T I O N

Dr. Kristen Jordan
March 13, 2015



Agenda

Time	Event	Speaker
8:00 – 8:30 am	Check-in	
8:30 – 8:35 am	Welcome	Kristen Jordan Program Manager, MERCURY
8:35 – 8:50 am	IARPA Overview & Remarks	Jason Matheny Associate Office Director, IARPA
8:50 – 9:30 am	UNCLASSIFIED Mercury Program Overview	Kristen Jordan
9:30 – 10:00 am	Laboratory for Analytic Sciences (LAS) Overview	Elizabeth Richards Senior Lead for Cyber, Laboratory for Analytic Sciences
10:00 – 10:15 am	Doing Business with IARPA	Mr. Tarek Abboushi IARPA Acquisitions
10:15 – 10:30 am	Q&A Session	Kristen Jordan
10:30 – 10:45 am	Break	
10:45 – 10:55 am	CLASSIFIED Mercury Overview Pt. 1	Kristen Jordan
10:55 – 11:15 am	CLASSIFIED Mercury Overview Pt. 2	Colleen Stacy Research Analyst, Laboratory for Analytic Sciences
11:15 – 11:45	Break	
11:45 – 12:15 pm	CLASSIFIED Q&A Session	Kristen Jordan
12:15 – 1:00 pm	No Host Lunch	
1:00 – 4:00 pm	UNCLASSIFIED Capability Briefings & Informal Teaming Discussions	Non-Government Personnel Only
4:00 – 5:00 pm	UNCLASSIFIED Poster Session	Non-Government Personnel Only



Proposers' Day Goals

- Familiarize participants with IARPA's interest in research on methods to detect and forecast significant events using foreign SIGINT.
- Ask questions and provide feedback; this is your chance to alter the course of events.
- Foster discussion of synergistic capabilities among potential program participants, i.e. facilitate teaming. Take a chance: someone might have a missing piece of your puzzle.



Disclaimer

- This Conference is provided solely for information and planning purposes.
- The Proposers' Day Conference does not constitute a formal solicitation for proposals or proposal abstracts.
- Nothing said at Proposers' Day changes the requirements set forth in a BAA.



Schedule

- Full proposals are due ~45 days after BAA is published.
- Once BAA is published, questions can only be submitted and answered in writing via the BAA guidance.

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE



IARPA Overview

L E A D I N G I N T E L L I G E N C E I N T E G R A T I O N

Dr. Jason Matheny



Office of the Director of National Intelligence

Central Intelligence Agency

Defense Intelligence Agency

Department of State

National Security Agency

Department of Energy

National Geospatial-Intelligence Agency

Department of the Treasury

National Reconnaissance Office

Drug Enforcement Administration

Army

Federal Bureau of Investigation

Navy

Department of Homeland Security

Air Force

Coast Guard

Marine Corps





IARPA Mission and Method

IARPA's mission is to invest in high-risk/high-payoff research that has the potential to provide the U.S. with an overwhelming intelligence advantage over our future adversaries

- **Bring the best minds to bear on our problems**
 - Full and open competition to the greatest possible extent
 - World-class, rotational, Program Managers
- **Define and execute research programs that:**
 - Have goals that are clear, measureable, ambitious and credible
 - Employ independent and rigorous Test & Evaluation
 - Involve IC partners from inception to finish
 - Run from three to five years



Office of Incisive Analysis

“Maximizing Insight from the Information We Collect, in a Timely Fashion”

Large Data Volumes and Varieties

Providing powerful new sources of information from massive, noisy data that currently overwhelm analysts.

Social-Cultural and Linguistic Factors

Analyzing language and speech to produce insights into groups and organizations.

Improving Analytic Processes

Dramatic enhancements to the analytic process at the individual and group level.



Office of Smart Collection

“Dramatically Improve the Value of Collected Data”

Novel Access

Provide technologies for reaching hard targets in denied areas

Asset Validation and Identity Intelligence

Detect the trustworthiness of others

Advance biometrics in real-world conditions

Tracking and Locating

Accurately locate HF emitters and low-power, moving emitters with a factor of ten improvement in geolocation accuracy



Office of Safe and Secure Operations

“Counter Emerging Adversary Potential to Deny our Ability to Operate Effectively in a Globally-Interdependent and Networked Environment”

Computational Power

Revolutionary advances in science and engineering to solve problems intractable with today's computers

Trustworthy Components

Getting the benefits of leading-edge hardware and software without compromising security

Safe and Secure Systems

Safeguarding mission integrity in a hostile world



Office for Anticipating Surprise

“Detecting and Forecasting Significant Events”

S & T Intelligence

Detecting and forecasting the emergence of new technical capabilities.

Indications & Warnings

Early warning of social and economic crises, disease outbreaks, insider threats, and cyber attacks.

Strategic Forecasting

Probabilistic forecasts of major geopolitical trends and rare events.



How to engage with IARPA

- **Website:** www.IARPA.gov
 - Reach out to us, especially the IARPA PMs. Contact information on the website.
 - Schedule a visit if you are in the DC area or invite us to visit you.
- **Opportunities to Engage:**
 - **Research Programs**
 - Multi-year research funding opportunities on specific topics
 - Proposers' Days are a great opportunity to learn what is coming, and to influence the program
 - **“Seedlings”**
 - Allow you to contact us with your research ideas at any time
 - Funding is typically 9-12 months; IARPA funds to see whether a research program is warranted
 - IARPA periodically updates the topics of interest
 - **Requests for Information (RFIs) and Workshops**
 - Often lead to new research programs, opportunities for you to provide input while IARPA is planning new programs



Concluding Thoughts

- **Our problems are complex and truly multidisciplinary**
- **Technical excellence & technical truth**
 - Scientific Method
 - Peer/independent review
 - Full and open competition
- **We are always looking for outstanding PMs**
- **How to find out more about IARPA:**

www.IARPA.gov
- **Contact Information**

Phone: 301-851-7500

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE



MERCURY

Program Overview

L E A D I N G I N T E L L I G E N C E I N T E G R A T I O N

Dr. Kristen Jordan
March 13, 2015



Mercury Overview

- Mercury is a multi-year research and development program.
- It seeks to develop new automated methods for analysis of diverse, existing, foreign Signals Intelligence (SIGINT) data in order to anticipate and/or detect military activity, terrorist activity, civil unrest, and disease outbreaks.
- Mercury seeks to anticipate events before open source news reporting.



Background

- Many significant societal events are preceded and/or followed by population-level changes in communication, consumption, and movement.
- Some of these changes may be indirectly observable from foreign SIGINT data not available to unclassified research groups or news organizations.
- To date, there has been only limited research to test the predictive value of these data.



Related Research

- The Political Instability Task Force (PITF) forecasts political instability using unclassified structural data.
- The Integrated Crisis Early Warning System (ICEWS) forecasts political instability using unclassified structural data and news feeds.
- IARPA's Open Source Indicators (OSI) forecasts civil unrest, disease outbreaks, and election outcomes using unclassified data, such as social media, web search queries, online reservations, and other sources.
- Few methods have been developed for detecting and forecasting unexpected events by automatically fusing multiple data types – classified or unclassified.



Key Technical Challenges

- Develop models for population behavior change in anticipation of, and in response to, events of interest.
 - Analysis of SIGINT data that reflect those population behavior changes.
- Develop SIGINT data extraction techniques that focus on volume, rather than depth, by identifying shallow features of SIGINT data (keywords, geotags, timestamps) that correlate with population or group behavior.
 - Entity extraction in large volumes to overcome noise.
- Develop multivariate time-series models robust to non-stationary for noisy data to reveal patterns that precede events.
 - Correct for latency due to collection and processing.
- Training of classifiers to weight combinations of time-series for generating probabilistic warnings of events.
 - Stream-based learning approaches.



Evaluation

- Teams will deliver real-world warnings to IARPA.
- The goal is to ***“Beat the News.”***
 - Teams develop query, processing, and sampling strategies.
 - Cleared team members are given access to foreign SIGINT data.
 - Teams’ systems automatically generate warnings for real events.
 - Teams are rewarded for early and accurate warnings of as many events as possible.
- **Warning delivered to IARPA =**
(Timestamp, Probability of event, Event details)
- **Event details =**
(Population, Event-Type, Event-Time, Location)
- Performers can elect to send additional details about events.
- Competitive forecasting tournament -- the delivery of successive, better warnings is expected; each warning will be scored separately.



Geographic Scope

- Mercury is a research program, not an operational activity.
- For research purposes, the geographic focus will be Middle East/North Africa.
- Large enough to test the generalizability of performers' approaches.
 - Event variety (e.g., political instability, military activity, infectious disease, terrorist activity).
 - Some countries with few events.
 - Some countries with many events.



Events

Event	Ground Truth Data
Civil unrest – protest, strike, occupation	News sources, open source
Regime change, elections	News sources, open source
Violence – ethnic, religious, racial	News sources, open source
Disease outbreak – common, rare, and pandemic	News sources, open source
Military activity – weapons employment, mobilization	News sources, open source
Terrorist activity – bombing, armed assault, hijacking	News sources, open source



Scoring

- At kickoff, the Government team expects to provide a large list of significant events in the Middle East/North Africa for the prior 12 months, for which an early warning would have been valuable.
- After kickoff, Government team will provide monthly “ground truth” – events for the last month, for which a warning would have been expected.
- Starting in Month 6, teams start producing warnings.
- Starting in Month 9, warnings delivered to IARPA are officially scored against Program milestones.



Scoring

- Lead time: The time the warning was delivered to IARPA, compared to time of earliest open source report of event (not necessarily the time of the event).
- Probability score: accuracy of probability assigned to event.
- Quality of warning: typological match between event forecasted/detected and true event.
- Precision and Recall.
- Other assessments, qualitative and quantitative, will be performed by the Government team to evaluate each team's approach. Approaches will also be evaluated on the utility of the warnings, as judged by potential users.



Metrics

- Lead-Time
 - Days between warning and first open-source report of event.
 - Warning for an event outside the 30-day window will not be scored, but should be submitted. Such events will be analyzed separately to provide additional assessment of the team's approach.
 - Teams will be asked to identify successive warnings for the same event. The Government team will use this information for additional assessment of team's approach.
- Probability Score
 - Quadratic score = $1 - (o-p)^2$
 - p is the probability assigned to the warning, o is "ground truth": 1 if the event occurred, 0 if the event didn't occur within 30 days.



Metrics

- For each warning we calculate the quality $q = \alpha_1 + \alpha_2 + \alpha_3 + \alpha_4$
 - $\alpha_1 \sim$ Population
 - $\alpha_2 \sim$ Event-Type
 - $\alpha_3 \sim$ Event-Time
 - $\alpha_4 \sim$ Location
 - Partial warnings are given “partial credit”
- Quality score will use a typology of Event-Types and Locations to calculate the difference between warning and ground truth; e.g., Location:
 - Typology = (Country, Province/State, City)
 - Compare warning location with true location (x_1, x_2, x_3) , $x_i = 0$ if false, $x_i = 1$ if true
 - Location quality, $\alpha_4 = \frac{1}{3} x_1 + \frac{1}{3} x_1 x_2 + \frac{1}{3} x_1 x_2 x_3$



Metrics

- Precision:

Number of events identified by Government team for which performer team sent a warning to IARPA with non-zero lead time and quality

Total number of warnings sent to IARPA by performer team

- Recall:

Number of events identified by Government team for which performer team sent a warning to IARPA with non-zero lead time and quality

Total number of relevant events identified by Government team



Metrics - Example

Warnings:

	Time stamp	Probability of event	Population	Event-Type	Event-Time	Location
Warning1	02/03/15	0.15	General population	Protest	02/10/15	Egypt
Warning2	02/05/15	0.30	General population	Protest	02/10/15	Ras Gharib, Red Sea, Egypt
Warning3	02/09/15	0.45	General population	Protest	02/10/15	Hurghada, Red Sea, Egypt
Ground Truth	02/11/15	1	General population	Protest	02/10/15	Hurghada, Red Sea, Egypt

Quality scores (location):

	Country	Province/State	City	Score
Gold Standard	Egypt	Red Sea	Hurghada	
Warning1	Egypt	-	-	1/3
Warning2	Egypt	Red Sea	Ras Gharib	2/3
Warning3	Egypt	Red Sea	Hurghada	1

Overall scores:

	Lead time	Probability score	Quality score
Warning1	7 days	0.28	3.33
Warning2	6 days	0.51	3.67
Warning3	2 days	0.7	4



Warning Generation

- It is expected that the technology developed under this effort will have ***no “human in the loop.”***
- Experts can help develop and train systems, but they ***will not*** manually generate warnings, guide the system, or filter warnings before they are sent to IARPA.
- Teams’ systems must include an audit trail for each warning, listing relevant evidence and weights.
- Warnings that are related should be explicitly identified for additional evaluation by the Government team.



Milestones

- Month 6 – Deliver first warnings (ungraded waypoint)
- Month 9 – Deliver first warnings (graded against milestones)
- Year-end milestones:

Metric	Month 9 (3 months of graded warnings)	Month 21 (12 months of graded warnings)	Month 33 (12 months of graded warnings)
Mean Lead Time	1 day	3 days	7 days
Mean Quality Score	3	3.25	3.5
Mean Probability Score	0.60	0.70	0.85
Recall	0.50	0.65	0.80
Precision	0.50	0.65	0.80



What Mercury is not

- Not a program focused on
 - U.S. events.
 - Identification or tracking of specific individuals.
 - Collection mechanisms that require directed participation by individuals.
- Not a program on advanced NLP
 - Mercury does not aim to improve deep parsing of text. Rather, Mercury aims to cancel error through aggregation of shallow features for which off-the-shelf NLP tools should be sufficient.
- Not narrowly focused on a single data source or type
 - Mercury is not about developing advanced tools for analyzing a single signal. Rather, Mercury will develop new methods for aggregating multiple, noisy signals indicative of significant events.
- Not a program on data visualization



Data and Location

- Classified core data sets will be provided and accessible to appropriately cleared (TS//SI) team members at NSA's Laboratory for Analytic Sciences (LAS) at NC State University, Raleigh, NC.
- Teams may request access to additional SIGINT data and enrichment repositories. Access to additional requested data is at the discretion of NSA and will follow relevant SIGINT policies.
- The LAS will provide each team with desk/analyst space for up to four cleared researchers per team.
- It is expected that uncleared team members will work with cleared team members.
- Additional team members can assist the LAS team from their own company classified facility.



Team Composition

- Given the combination of technical challenges, we anticipate teams will possess expertise in:
 - SIGINT processing
 - SIGINT analysis and production
 - Social sciences
 - Mathematics and statistics
 - Computer science
 - Content extraction
 - Information theory
 - Software rapid prototype development



Teaming

- Because of the many challenges presented by this program, both depth and diversity will be beneficial.
 - Throughput. Consider all that you will need to do, all the ideas you will need to test.
 - Make sure you have enough people and expertise to do the job.
 - Sufficient resources to follow critical path while still exploring alternatives – risk mitigation.
 - Completeness. Teams should not lack any capability necessary for success, e.g. should not rely on enabling technology to be developed elsewhere.
 - Tightly knit teams
 - Clear, strong management, and single point of contact.
 - No loose confederations.
 - Each team member should be contributing significantly to the program goals. Explain why each member is important, i.e. if you didn't have them, what wouldn't get done?

Remember, you may be very accomplished, but can you do it all?



Summary

- Mercury seeks to develop automated methods for forecasting and detecting civil unrest, disease outbreaks, terrorist activity, and military activity, days to weeks earlier than existing methods.
- We are looking for well-executed, creative ideas.
- The BAA supersedes anything presented or said by IARPA at the Proposers' Day.



Laboratory for Analytic Sciences

Reflect. Observe. Imagine.

THE ART + SCIENCE OF ANALYSIS

IARPA: MERCURY PROPOSERS' DAY

JAMES M KEISER

TECHNICAL DIRECTOR, LABORATORY FOR ANALYTIC SCIENCES

KAY MOORE

MISSION DIRECTOR, LABORATORY FOR ANALYTIC SCIENCES

FORREST ALLEN

PROGRAM MANAGER, LABORATORY FOR ANALYTIC SCIENCES

Laboratory for Analytic Sciences

The Laboratory for Analytic Sciences (LAS) is a government, academic and industry collaboration charged with imagining, investigating and implementing innovative solutions for a variety of tactical and strategic analytic challenges of critical importance to the U. S. Intelligence Community.



Laboratory for Analytic Sciences

➤ The People

➤ The Place

➤ The Problem

◆ Govt personnel with diverse education, work roles, and experience (50%)

- To include traditional and non-traditional partners from within the “Community”

◆ Augmented by others* from outside the community (50%); academic, industry

* Computer Science, Mathematics, Statistics, Engineering, Political Science, History, Economics, Business, Anthropology, Psychology, Sociology, Cultural Studies, Linguistics, Communications, Music, Art, ...

Laboratory for Analytic Sciences

➤ The People

➤ The Place

➤ The Problem

- ◆ A 17500 ft² campus location to facilitate sharing problems, methodologies and solutions
- ◆ Co-located government, academic and industry personnel
- ◆ Away from the daily demands of DC

Laboratory for Analytic Sciences

➤ The People

➤ The Place

➤ The Problem ■■■



“The mission of the Intelligence Community is to **create decision advantage** for our customers. ...

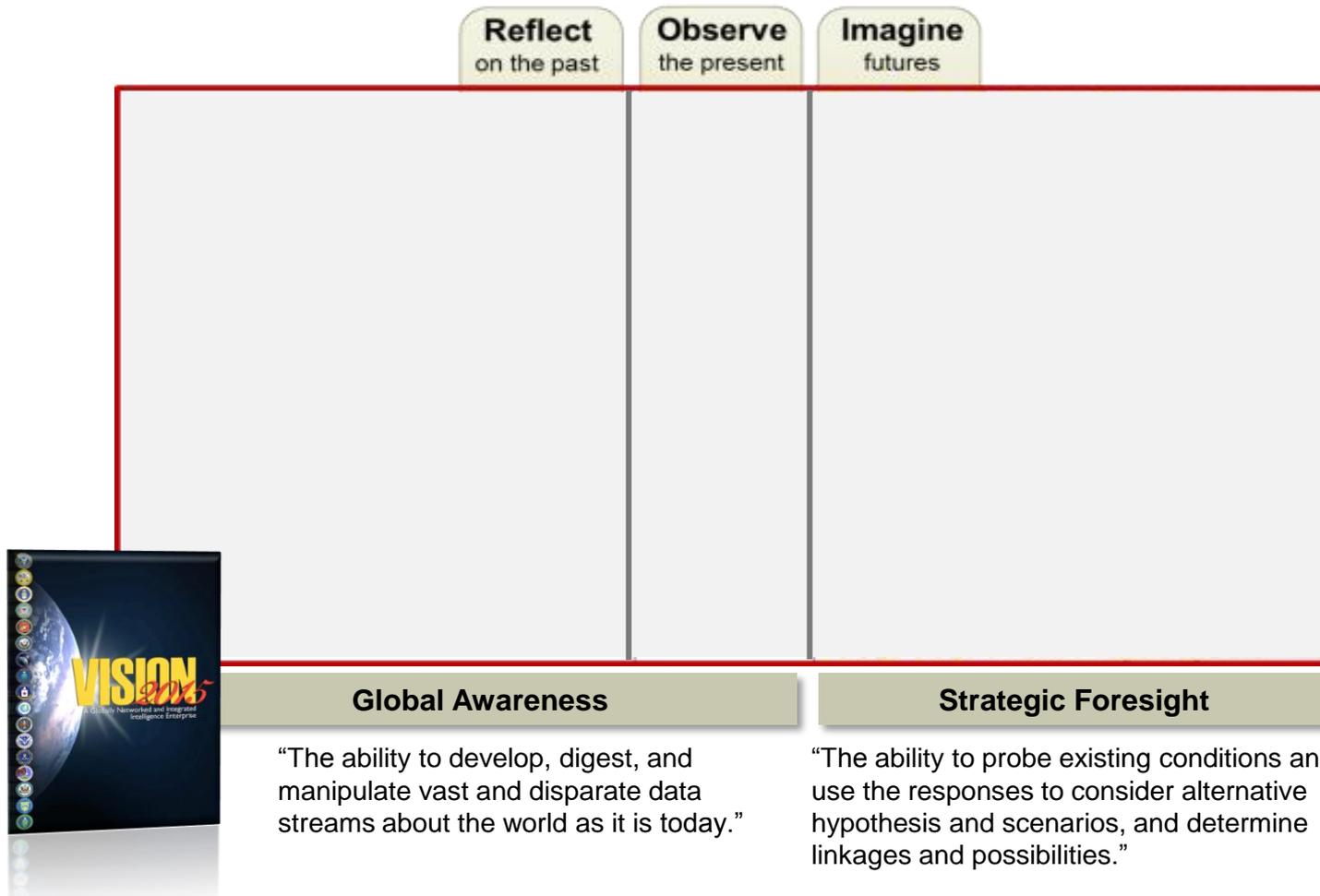
This means we collect intelligence to improve our customers’ ability to make a decision while denying our adversaries the same advantage.”

“Vision 2015: A Globally Networked and Integrated Intelligence Enterprise,” www.dni.gov/Vision_2015.pdf, July 2008.

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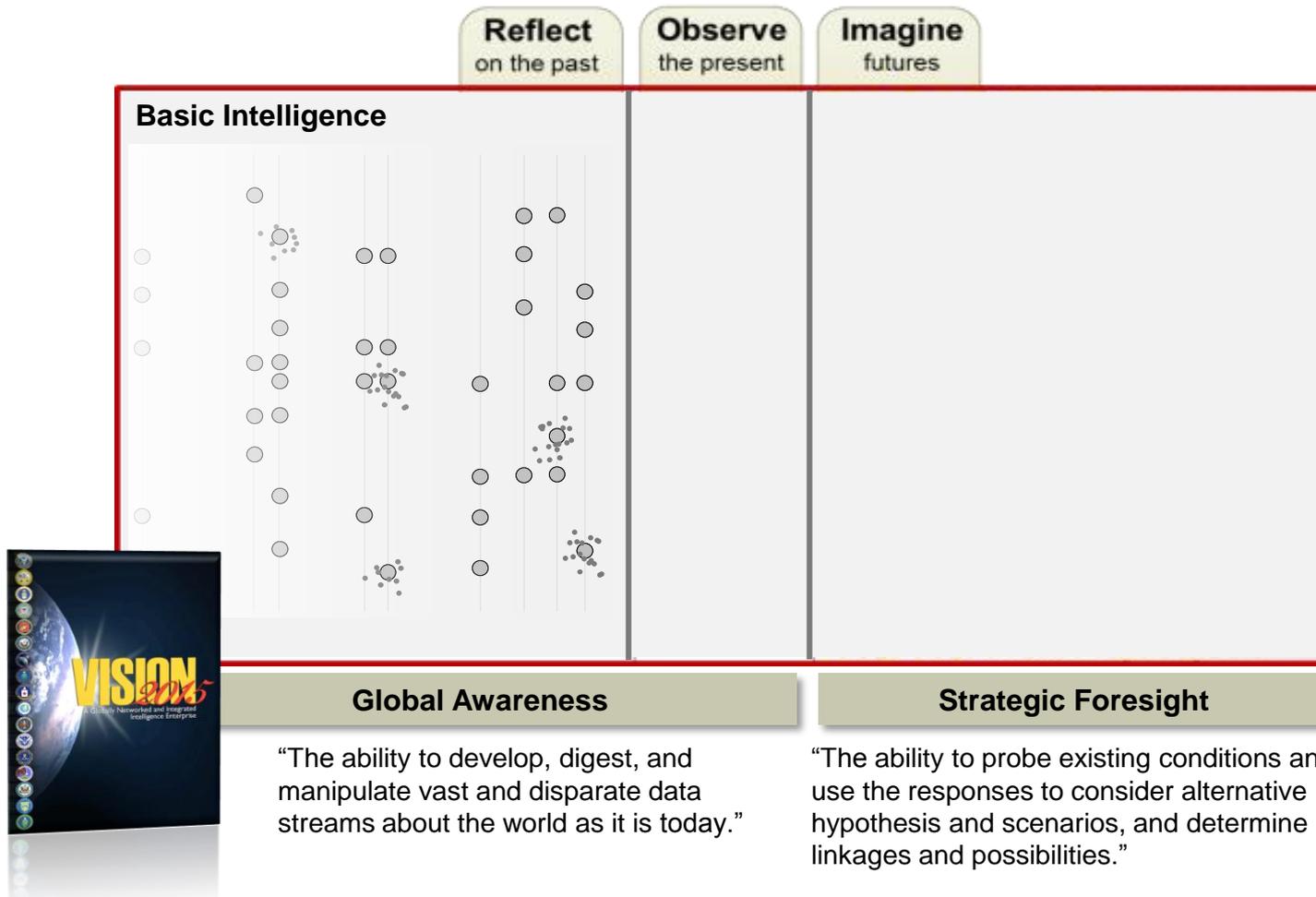
Laboratory for Analytic Sciences

Creating Decision Advantage



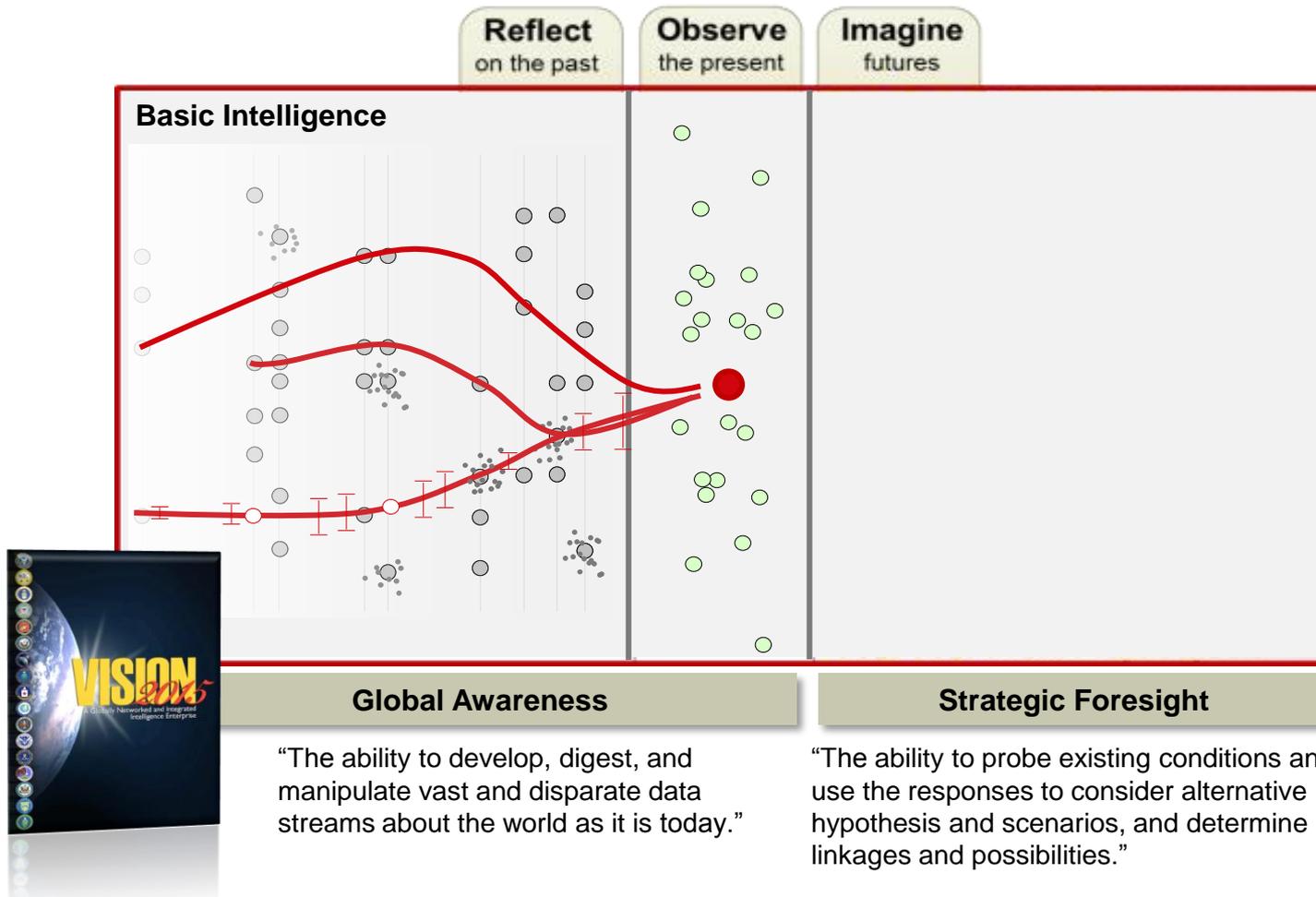
Laboratory for Analytic Sciences

Creating Decision Advantage



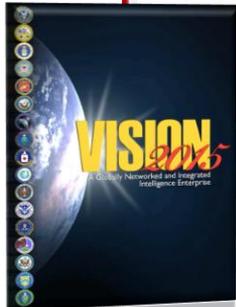
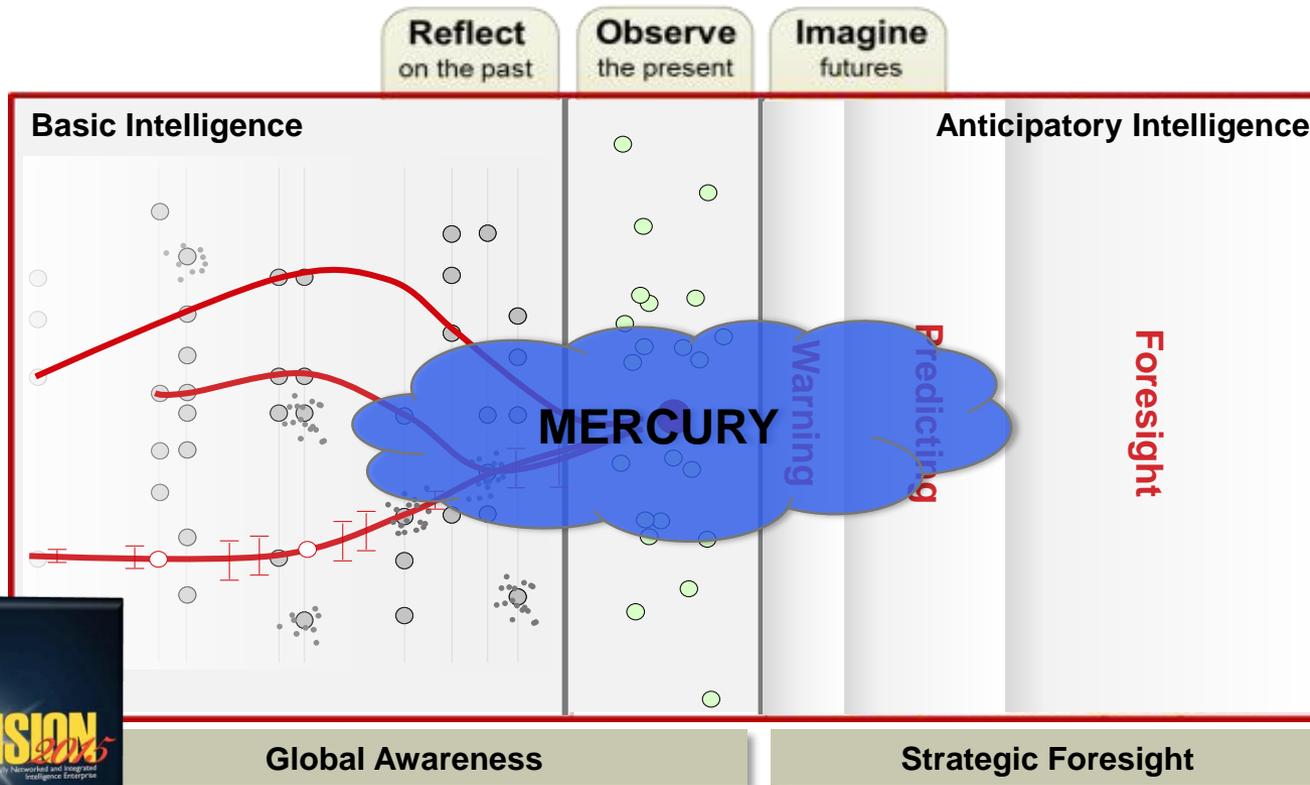
Laboratory for Analytic Sciences

Creating Decision Advantage



Laboratory for Analytic Sciences

Creating Decision Advantage



“The ability to develop, digest, and manipulate vast and disparate data streams about the world as it is today.”

“The ability to probe existing conditions and use the responses to consider alternative hypothesis and scenarios, and determine linkages and possibilities.”

Our Approach

Big Data Analytics

- Machine Learning
- Advanced Predictive Analytics
- Time-Series Analysis

Infrastructure

- Cloud
- Streaming
- Cognitive Computing

- tools, analytics, platforms, systems -

technology

tradecraft

- structured analytic techniques -

Divergent Thinking

- Analysis of Alternatives
- Red Team Analysis

Contrarian

- “What If?” Analysis
- Devil’s Advocacy

Diagnostic

- Quality of Information Check
- Analysis of Competing Hypotheses

Academic Engagement

NC STATE

College of Education

Leadership, Policy and Adult and Higher Education

College of Design

Graphic Design; Industrial Design; Art + Design

College of Science

Statistics

College of Humanities and Social Sciences

English; Political Science (School of Public and International Affairs); Psychology; Communication

College of Engineering

Computer Science; Electrical and Computer Engr; Industrial and Systems Engr; Civil Engr

College of Natural Resources

Geospatial Analytics

Poole College of Management

Accounting; Business Management; Economics; Management, Innovation & Entrepreneurship

Renaissance Computing Institute (RENCI)

Duke University

Mathematics, Statistical Science, Electrical and Computer Engineering

Industry Engagement

Analogous Domains

Supply Chain

Financial Services

Public Health

Pharmaceuticals

Business Intelligence

Manufacturing

Cyber Security

Retail / Marketing

Education

Industry Sub-Contractors to LAS:

- SAS
- IBM
- Applied Research Associates (ARA)
- Resilient Cognitive Solutions (RCS)
- Aptima
- Saffron Technology
- Signalscape
- RTI International

LAS/MERCURY Compute Facility

Housed in the LAS Transport Room

- 42 U (48" deep)
- 12.5kV
- 30 Amps

Or

- Split 42 U's across 2 racks
- 12.5kV
- 30 Amps

Connectivity

- Shared bandwidth capacity requires batch transfers of large data sets

Total Weigh <= 1800 lbs

STORAGE

NetApp E2700

- 4 U's
- 240TB
- 232 lbs

COMPUTE

Dell R710

- 18 Compute Servers
- 36 U's
- 1038 lbs



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PROGRAM MANAGER, LABORATORY FOR ANALYTIC SCIENCES

If you have questions, suggestions, and comments, please submit an index card now!

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE



Doing Business with IARPA

Mr. Tarek Abboushi



Doing Business with IARPA - Recurring Questions

- Questions and Answers (<http://www.iarpa.gov/index.php/faqs>)
- Eligibility Info
- Intellectual Property
- Pre-Publication Review
- Preparing the Proposal (Broad Agency Announcement (BAA) Section 4)
 - Electronic Proposal Delivery (<https://iarpa-ideas.gov>)
- Organizational Conflicts of Interest
(<http://www.iarpa.gov/index.php/working-with-iarpa/iarpas-approach-to-oci>)
- Streamlining the Award Process
 - Accounting system
 - Key Personnel
- IARPA Funds Applied Research
- RECOMMENDATION: Please read the entire BAA



Responding to Q&As

- Please read entire BAA before submitting questions
- Pay attention to Section 4 (Application & Submission Info)
- Read Frequently Asked Questions on the IARPA @ <http://www.iarpa.gov/index.php/faqs>
- Send your questions as soon as possible
 - Mercury BAA: **dni-iarpa-baa-15-08@iarpa.gov**
 - Write questions as clearly as possible
 - Do NOT include proprietary information



Eligible Applicants

- Collaborative efforts/teaming strongly encouraged
 - Content, communications, networking, and team formation are the responsibility of Proposers
- Foreign organizations and/or individuals may participate
 - Must comply with Non-Disclosure Agreements, Security Regulations, Export Control Laws, etc., as appropriate, as identified in the BAA



Ineligible Organizations

Other Government Agencies, Federally Funded Research and Development Centers (FFRDCs), University Affiliated Research Centers (UARCs), and any organizations that have a special relationship with the Government, including access to privileged and/or proprietary information, or access to Government equipment or real property, are not eligible to submit proposals under this BAA or participate as team members under proposals submitted by eligible entities.



Intellectual Property (IP)

- Unless otherwise requested, Government rights for data first produced under IARPA contracts will be UNLIMITED.
- At a minimum, IARPA requires Government Purpose Rights (GPR) for data developed with mixed funding
- Exceptions to GPR
 - State in the proposal any restrictions on deliverables relating to existing materials (data, software, tools, etc.)
- If selected for negotiations, you must provide the terms relating to any restricted data or software, to the Contracting Officer



Pre-Publication Review

- Funded Applied Research efforts, IARPA encourages:
 - Publication for Peer Review of **UNCLASSIFIED** research
- Prior to public release of any work submitted for publication, the Performer will:
 - Provide copies to the IARPA PM and Contracting Officer Representative (COR/COTR)
 - Ensure shared understanding of applied research implications between IARPA and Performers
 - Obtain IARPA PM approval for release



Preparing the Proposal

- Note restrictions in BAA Section 4 on proposal submissions
 - Interested Offerors must register electronically IAW instructions on: <https://iarpa-ideas.gov>
 - Interested Offerors are strongly encouraged to register in IDEAS at least 1 week prior to proposal “Due Date”
 - Offerors must ensure the version submitted to IDEAS is the “Final Version”
 - Classified proposals – Contact IARPA Chief of Security
- BAA format is established to answer most questions
- Check FBO for amendments & IARPA website for Q&As
- BAA Section 5 – Read Evaluation Criteria carefully
 - e.g. “The technical approach is credible, and includes a clear assessment of primary risks and a means to address them”



Preparing the Proposal (BAA Sect 4)

- Read IARPA's Organizational Conflict of Interest (OCI) policy:
<http://www.iarpa.gov/index.php/working-with-iarpa/iarpas-approach-to-oci>
- See also eligibility restrictions on use of Federally Funded Research and Development Centers, University Affiliated Research Centers, and other similar organizations that have a special relationship with the Government
 - Focus on possible OCIs of your institution as well as the personnel on your team
 - See Section 4: It specifies the non-Government (e.g., SETA, FFRDC, UARC, etc.) support we will be using. If you have a potential or perceived conflict, request waiver as soon as possible



Organizational Conflict of Interest (OCI)

- If a prospective offeror, or any of its proposed subcontractor teammates, believes that a potential conflict of interest exists or may exist (whether organizational or otherwise), the offeror should promptly raise the issue with IARPA and submit a waiver request by e-mail to the mailbox address for this BAA at dni-iarpa-baa-15-08@iarpa.gov.
- A potential conflict of interest includes but is not limited to any instance where an offeror, or any of its proposed subcontractor teammates, is providing either scientific, engineering and technical assistance (SETA) or technical consultation to IARPA. In all cases, the offeror shall identify the contract under which the SETA or consultant support is being provided.
- Without a waiver from the IARPA Director, neither an offeror, nor its proposed subcontractor teammates, can simultaneously provide SETA support or technical consultation to IARPA and compete or perform as a Performer under this solicitation.



Streamlining the Award Process

- Cost Proposal – we only need what we ask for in BAA
- Approved accounting system needed for Cost Reimbursable contracts
 - Must be able to accumulate costs on job-order basis
 - DCAA (or cognizant auditor) must approve system
 - See <http://www.dcaa.mil>, “Audit Process Overview - Information for Contractors” under the “Guidance” tab
- Statements of Work (format) may need to be revised
- Key Personnel
 - Expectations of time, note the Evaluation Criteria requiring relevant experience and expertise
- Following selection, Contracting Officer may request your review of subcontractor proposals



IARPA Funding

- IARPA funds Applied Research for the Intelligence Community (IC)
 - IARPA cannot waive the requirements of Export Administrative Regulation (EAR) or International Traffic in Arms Regulation (ITAR)
 - Not subject to DoD funding restrictions for R&D related to overhead rates
- IARPA is not DOD



Disclaimer

- This is Applied Research for the Intelligence Community
- Content of the Final BAA will be specific to this program
 - The Final BAA is being developed
 - Following issuance, look for Amendments and Q&As
 - There will likely be changes
- The information conveyed in this brief and discussion is for planning purposes and is subject to change prior to the release of the Final BAA.



QUESTIONS ?

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE



Q&A

L E A D I N G I N T E L L I G E N C E I N T E G R A T I O N

dni-iarpa-baa-15-08@iarpa.gov