

# Directors Briefing

**Dennis DeBacco, Law and Policy Program**

**Mark Perbix, Information Sharing Program**

**Yogesh Chawla, Software Development and Engineering**

**Tim Lott, Cybercrime and Digital Forensics**

**Membership Group Meeting  
July 21, 2022**

# **Law and Policy Program**

**Dennis DeBacco, Information Systems Specialist**

**Membership Group Meeting**

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# Law and Policy Projects

- **Survey of State Criminal History Information Systems, 2020**
- **“Mini-Survey” of State Criminal History Information Systems, 2022**
  - Next survey will be an abbreviated version of traditional survey
  - Full SSCHIS surveys will be administered on a 4-year cycle starting with 2024 survey

# L & P Projects Continued

- **Criminal history improvement workshops (October/November 2022) - CT, MA, ME, NH, RI and VT**
- **Alaska on-site audit (October 25-28, 2022)**
- **Washington State record vacation project update**
- **Inventory and summary of state rap sheets**

# Washington State Record Vacation Project Update

- **Contract with Washington Office of Financial Management through June 30, 2023**
- **SEARCH is tasked with conducting a feasibility study and making recommendations regarding the establishment of a system for streamlining the vacation of criminal conviction records**
- **SEARCH's role**
  - Stakeholder engagement
  - Documentation of common practices and recommendations for how best to implement streamlining measures
  - Assess available data sources
  - Suggest technology measures and provided cost estimates for implementation
- **Legislative reports and presentation of findings (Spring 2023)**



# Most Common NCHIP Project Activities – FY 2021

- **Staffing – 14 states**
- **Disposition improvement – 13 states**
- **Computer system upgrades – 10 states**
- **Electronic court disposition reporting – 10 states**
- **Livescans – 9 states**
- **Security upgrades – 8 states**
- **Analytics – 7 states**
- **CCH record improvement – 7 states**
- **Increasing fingerprint submissions – 7 states**
- **Submitting MH records to NICS Indices – 6 states**
- **NFF participation – 6 states**



# Most Common NARIP Project Activities – FY 2021

- **Staffing – 8 states**
- **Disposition improvement – 5 states**
- **Submitting MH records to NICS Indices – 5 states**
- **Submitting MCVD convictions to NICS Indices – 4 states**
- **Increasing prosecutor submissions – 3 states**
- **Analytics – 1 state**
- **Electronic court disposition reporting – 1 state**
- **Livescans – 1 state**
- **Message switch – 1 state**
- **Protection orders – 1 state**
- **Sealing/expungement – 1 state**
- **Submitting state firearms prohibitors to NICS Indices – 1 state**



# Most Common NCHIP Project Activities – FY 2022

- **Staffing – 11 states**
- **Disposition improvement – 10 states**
- **Computer system upgrades – 6 states**
- **Livescans – 6 states**
- **Meetings/conferences – 5 states**
- **CCH record improvement – 4 states**
- **Increasing fingerprint submissions – 4 states**
- **Sealing/expunging records – 4 states**
- **Analytics – 3 states**
- **Audits – 3 states**
- **Electronic court disposition reporting – 3 states**
- **Message switch – 3 states**
- **Training – 3 states**





# NARIP – FY22 Highlights

- **Alaska**

- Staff augmentation for courts and repository
- Reporting MCDV convictions
- Purchasing computer equipment
- Electronic court disposition reporting

- **Virginia**

- AFIS system replacement
- CCH repositior replacement
- Livescans in courtrooms

# **Information Sharing Program**

**Mark Perbix, Director**

**Membership Group Meeting**

July 21, 2022



# CCH Analytics Work

- **Participating States**
  - AR, ME, CT, TN, NJ (MI, NV and MS in late 2022)
- **State CCH Data Quality Monitoring - Data Dashboards to monitor KPIs**
  - Phase 1 – Analysis of CCH databases using prototype dashboard tool (CT, TN, NJ)
  - Phase 2 – Analysis of Error/Suspense file data and migration to Power BI (AR, ME)
- **Sentencing Disparity Study with University of Maryland (ME, TN, CT)**

# Major ISP Projects

- **Interstate Compact Transfer – Subscription and Notification Service**
  - KS and AZ
- **NIBRS**
  - Support for HI data collection and reporting
  - Addition of flat file to XML submission file
  - Development of state-based analytics tool for data quality analysis using Power BI
  - Continue to support the NIBRS Estimation and NCS-X Project through Dec 2022

# Partnerships

- **Nlets -**
  - Updating state statute and NCIC codes for DHS LENS Project
- **NCJA**
  - SAA strategic planning support
  - Developed tool to evaluation and compare strategic plans
- **NGA/NCJA**
  - TTA on pretrial and reentry policies with AZ, DE, OR, VT



# Clean Slate Initiative

- **SEARCH's role is to document technical and operation challenges and opportunities for states seeking to implement state-initiated record clearance procedures**
- **SEARCH will produce detailed profiles for 11 states – CO, CT, DE, LA, MA, MI, MO, NY, PA, TX and UT**
- **SEARCH is also working with Washington State to conduct an efficacy study for creating state-initiated records vacation procedures**

# Other Projects

- **Designing Data Dashboards for Law Enforcement**
  1. Reasons to develop a dashboard
  2. Concept of Operations
  3. Technical and Functional Requirements
- **Work with West Virginia**
  - Develop ConOps for Information Sharing Environment
  - Develop Data Exchange Specification to Report Court Dispositions to the Repository
- **ICAOS - RFP Development for system replacement**

# **Inventory and Summary of State Rap Sheets**

- **Inventory of rap sheet data from 43 states that provided sample anonymized rap sheets**
- **Purpose: to compare and highlight commonalities and gaps across state rap sheets**
- **Goal: Inform Membership about actual use of data in rap sheets and potential changes or additions to JTF standard**





# Rap Sheet Analysis Initial Finding

- **22 states do not include any prosecutor information**
- **9 states include a Summary Segment**
- **28 states include Supervision Segments**
- **No state includes a separate segment for Juvenile data, although:**
  - 9 states (21%) identify if the subject of the arrest was a juvenile at the time of the arrest.
  - 5 states (12%) include juvenile information in the Identification Segment
  - 5 (12%) include juvenile information as an arrest cycle.
- **16 states provide a list of the agencies that contributed data to the RAP Sheet.**



# Rap Sheet Analysis Initial Finding

- **All 43 states include *sentence data***
  - 17 states present data in distinct data elements
  - 26 use a semi-structured text sting.
- **7 states provide *warrant information* if an arrest warrant has been issued for the subject.**
- **3 states indicate if the individual is subject to an *order of protection*.**
- **1 state includes *victim information in the arrest charge* that provides the age and sex of the victim.**
- **1 state includes *stolen identity data*, if the subject of the RAP Sheet is a victim of a stolen identity.**

# **Software and Data Engineering Program**

**Yogesh Chawla, Director**

**Membership Group Meeting**

July 21, 2022

# OJBC - Hawaii

- **Current Federated Query System:**
  - Criminal History, Warrants, and Firearms.
- **Additional Federated Query Systems**
  - Hawaii County, Kauai, Maui Incident Data
  - Prosecution Data
- **Integrating Prosecution Data with Criminal History and Juvenile Justice Systems**

# OJBC - Maine

- **Detailed Incident Analytics Dashboards for troop commanders**
- **Dashboards include:**
  - Major Crimes, Traffic Incidents, Domestic Violence, Property Crimes, Agency Referrals
  - Capability to do ad-hoc queries to quickly react to data requests
  - Ability to drill into the Incident Data in the Record Management Systems for detailed Incident Reports

# Maine Incident Analytics Dashboard

Pages



File Export Share Get insights Subscribe Edit



Vehicle

Major Crimes

Burglaries

OUI and Drugs

Referrals

Domestic Incidents

Incident Details By Ca...

Incident Details by Of...

Incident Details by Cir...

Ad Hoc Queries



## Maine State Police Incidents Dashboard

Total Incidents: **490484**

Date Range: **01/01/2016 - 7/18/2022**

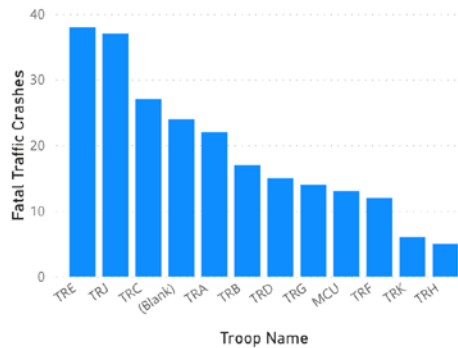
Total Offenses: **196223**

Select Incident Date

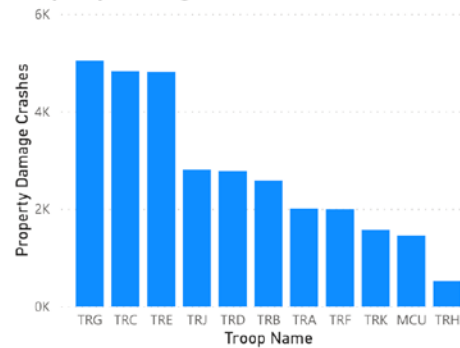
1/1/2016 7/18/2022



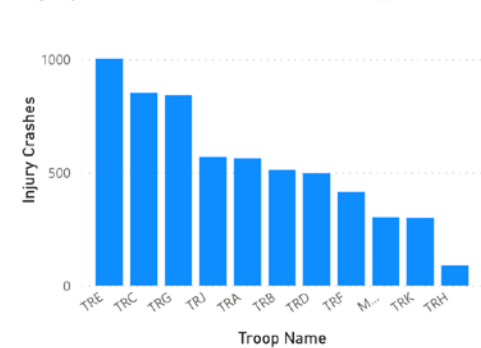
Fatal Traffic Crashes



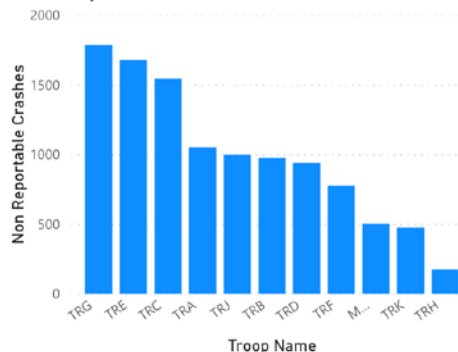
Property Damage Crashes



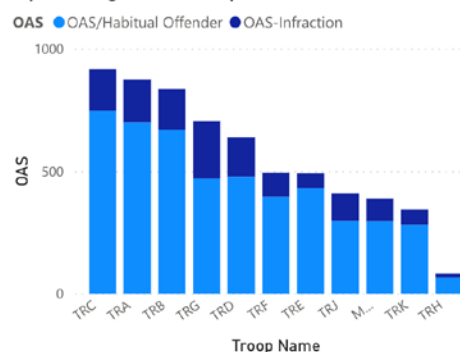
Injury Crashes



Non Reportable Crashes



Operating After Suspension (OAS)



Incident Details

# OJBC - Oklahoma

- **Working with user community on pilot testing the RapUp portal**
- **Optimizing the system to improve performance**
- **Increased security by integrating with 3<sup>rd</sup> party authenticators like Google and Microsoft to provide one time passwords on mobile devices for 2 factor authentication.**

# OJBC - Michigan

- **eWarrant expanded to include electronic Charge Referrals to submit to Prosecution Case Management Systems**
- **eWarrant successfully deployed Incident Reporting and Charge Referrals to Saginaw and Kent Counties**
- **2022-2023 plans include the development of Charge Referral Prosecution Decisions response to Law Enforcement**



# OJBC -Vermont Orders and Warrant System (VOWS)

- **Electronic workflow portal to track Warrants and Protection Orders through their lifecycle replacing the legacy paper process**
- **Supports Issuing, Record Holding and Servicing agencies**
- **Provides a dashboard for quick access to:**
  - **'To Do' and 'Requires Review' Orders**
  - **'Active Warrants' Orders**
  - **'Active RFA' Orders**
  - **'Requires Service' Orders**

# OJBC -Vermont Orders and Warrant System (VOWS)

- **Provides for document storage of all documents accompanying warrants**
- **Tracks hierarchical relationships between warrant related documents**
- **Approximately 320,000 warrant transactions processed annually**
- **Allows for exporting search results as excel, csv and PDF for comparison to other data sources or to maintain an external record**
- **Critical system requiring 24/7 uptime and support**

# How can we help you?

- **OJBC is the development arm of SEARCH**
- **You don't have to be an OJBC member to have SEARCH help you with your information sharing challenges**
  - Analysis of current systems
  - Guidance on integration best practices
  - Help you develop and review RFPs

## **Example Projects**

- Rapback, NIBRS flat file conversion, improving disposition reporting, integration with existing systems, providing secure access to Criminal History data.

# Cybercrime and Digital Forensics Program

**Timothy Lott, Director**  
Membership Group Meeting

**July 21, 2022**



[search.org](http://search.org)

# Training Team and Digital Forensics Team



Timothy Lott



Dean Chatfield



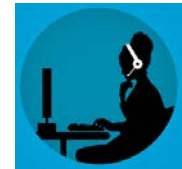
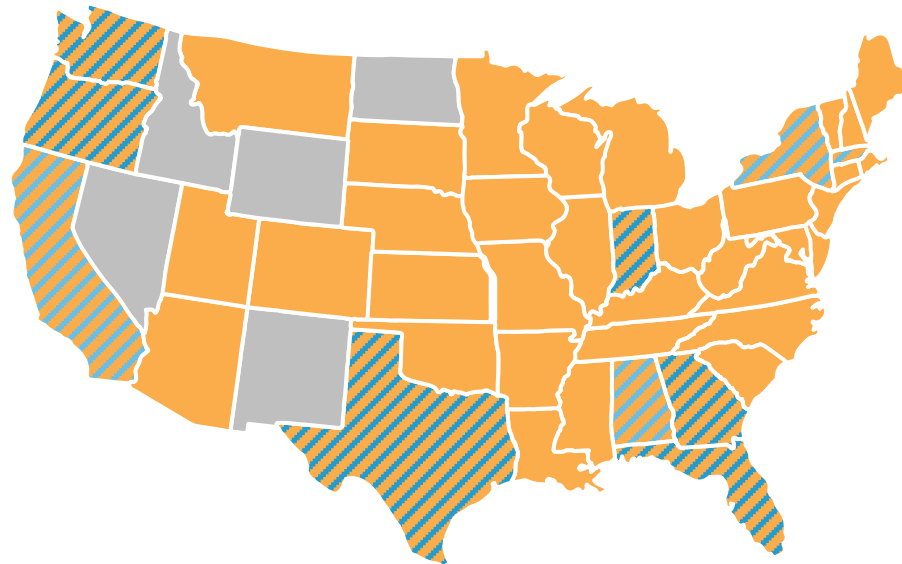
Lauren Wagner

- **Contract Employees**
  - John Trenary – Current law enforcement
  - George Vasiliou – Retired law enforcement
  - Eric Jollymore – Current law enforcement
  - Jonithan Funkhouser – Current law enforcement
  - Christopher Dale – Current law enforcement
  - Melinda Gobron – Retired law enforcement

# Training and Technical Assistance



■ Training  
1673



■ Technical Assistance  
204

45 States with Training and/or Technical Assistance

# Publications and ISP List

- **14,611 white paper and LE guide requests**
  - Distributing 70,000 documents
- **ISP List**
  - ~2800 Electronic Service Providers
  - 610,000 hits over the past year

# Current Projects

- **ICAC National Training and Technical Assistance Program**
  - Direct training to ICAC Task Forces
  - Conference Presentations/ Trainings
  - Technical Assistance Program



# Current Projects

- **ICAC Strengthening Investigative Tools**
  - Enhancing ISP List
  - Mobile Information and Knowledgebase Ecosystem (MIKE)
  - Aggregating disparate sources of information
- **Partnership with National District Attorneys Association**
  - Provide 12 courses
    - High-Tech Crime for Prosecutors
    - Computer Forensics for Prosecutors

# Current Projects

- **Digital Forensic Services**
  - Contract with California Department of Justice (Cal-DOJ) Division of Medi-Cal Fraud and Elder Abuse (DMFEA)
  - Assist with On-Scene collection of digital evidence
  - Provide examination services for individual cases
    - Over 100TB of data collected and analyzed in last year
    - Over 2000-man hours in last year
- **Contract extension through June 2025**

# 2022 – 2023 Priorities

- **Continuation of ICAC National Training and Technical Assistance**
  - 12 Hands-on 3-Day courses
  - 5 Conferences
  - Publication dissemination
  - ISP list additions
- **12 ICAC Tools Trainings**
- **12 Virtual courses**

# 2022 – 2023 Priorities

- **Expansion of SEARCH Digital Forensics Services**
  - Working with other state and local jurisdictions to provide digital forensics services
- **Further development of Cybersecurity/ Information Systems Security program**
- **BJA Cybercrime Solicitation**

# Questions