Overview

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  – Assessment Research
  – Standard Internal and External Surveys Reporting
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Origin

• “The effectiveness of the academic and professional programs will be monitored by the Naval Academy Institutional Research Office”

• “The Office of Institutional Research, Planning and Analysis will serve as the official source of all statistics-based information distributed internally to or externally from the United States Naval Academy”

• “information is distributed to the Naval Academy leadership in a routine and timely manner to assist in the decision-making process”
  – Superintendent Memo 22 Mar 1996

• “Superintendent's principal adviser for collecting, analyzing and disseminating research data and statistical information regarding USNA candidates, midshipmen, and graduates as it relates to the mission.”

• “Obtain and maintain relevant data and metadata on the performance and achievements of midshipmen and graduates in a form that is easily accessed and retrieved.”

• “Conduct or coordinate all surveys of midshipmen, faculty and staff relating to the Naval Academy, its mission, or its operations.”
  – USNA Organizational Manual of 4 Apr 2017
Vision, Mission and Functions

• **Vision:** To be USNA’s most trusted source for information
• **Mission:** To provide data and evidence based analysis and reports that inform and shape strategic planning, institutional policy creation and revision, and decision support
• **Functions:**
  – Official USNA Data Source
  – Stakeholder Decision Support
  – Assessment Research
  – Standard Internal and External Surveys Reporting
  – Research Support - Faculty, Staff and Midshipmen
  – Ad Hoc Requests
Organization

AEB Core Member

Director
AD-09

Superintendent
Deputy for IT

Survey Coordinator
GS-12
- Internal Surveys
- External Surveys

Oracle/DW Engineer
GS-14
- DW Architecture
- IRB Core Member

Data Manager Deputy
GS-14
- IR Data Warehouse
- Ad Hoc Reporting

Business Intelligence Specialist
GS-12
- BI Specialist
- ERP migration
- Survey Analysis
- AEB Analytical Support
What We Do

• Provide quality assurance for all USNA data and statistical information

Deliverables

• Monthly Brigade Composition and Attrition Report
  – Title X end strength limit of 4400 US midshipmen, 5 year attrition average, Ethnicity and other demographic data

• Position papers/responses to congressional inquiries that require historical data/information

• Data support for the AEB Annual Report to the Superintendent/SLT

• Provide Cost Per Graduate update

• Graduate Retention data
Stakeholder Decision Support

What We Do

• Provide and interpret data to decision makers (#1 job for all IR Offices)
• Build strong relationships at USNA and externally (N1, other service academies, CNA, National and Maryland Associations of Institutional Research)
• Understand USNA and customer needs

Deliverables

• Integrated Postsecondary Education Data System (IPEDS)
• Provide MSCHE, ABET and NCAA accreditation data
• Serve as a Core Member of the Academy Effectiveness Board
Assessment Research

What We Do

• Provide Data and Statistical Analysis for AEB studies
• Conduct Assessment Studies for Divisions/Departments

Deliverables

• Biannual (Fall and Spring) NAPS Outcomes Study
• Assessment of Alternate Class Instruction Methods
  – NE203, EM211
• Graduate Outcomes Studies – USNA, OCS, ROTC
  – Follow On Schools, PRT Performance, Promotion Rates
• Assessment of Improved BCA Measurement Methods
• Predictive Analyses of Conduct/Honor Offenses
• Effects of Run Alternatives on PRT Performance Category
• Longitudinal Midshipmen Values Study
Standard Internal and External Surveys Reporting

What We Do

• All surveys are conducted on-line and must comply with laws, rules and regulations concerning Human Subject Research
• Analysis of survey data to meet the decision making needs of survey sponsor

Deliverables

• Numerous recurring Internal Surveys - Quality of Life/Climate, Honor, Values In Action, MBTI, NCAA Exit, Summer Training, Annual Freshmen, others
• External Surveys updated annually
• Ad Hoc Surveys - as requested by the Superintendent, Commandant, Academic Dean, AEB, others

IR serves as USNA central POC for all external surveys – coordinates and QAs data with Data Owners (general institutional, academic, admissions, financial, athletic, professional, library)
Research Support - Faculty, Staff and Midshipmen

What We Do

• Provide information/data

Deliverables

• USNA Data for Research Projects
• Advise on IRB/HRPP Process and Requirements
• Ensure PII is Protected
• Administer Surveys for Faculty/Midshipmen Researchers
• Serve as Member of the Institutional Review Board
Ad Hoc Queries

What We Do
• Respond to ad hoc data requests for information

Deliverables
• 370 data requests completed in CY 2017
  – Customers include
    – Superintendent
    – AEB
    – USNA Privacy Officer (FOIAs)
    – Congressional Staffs
    – PAO
    – ProDev
    – Faculty, Midshipmen and more
Key References

- 10 US Code Chapter 603 – USNA
- DoDI 1322.22 of 24 Sep 2015 – Service Academies
- SECNAV Instr 1531.2 of 17 Jun 2009 - USNA Curriculum and Admissions Policy
- USNA Instr 5420.36A of 18 Aug 2015 – Responsibilities and Duties of the AEB
- OPNAV Instr 5450.330 of 14 Feb 1992 – IR founded
- Superintendent Memo of 22 Mar 1996 – to Director, IR
- USNA Organization Manual of 4 Apr 2017
- OPNAV Instr 5450.330B of 6 Nov 2017 – Missions, Functions, Tasks of USNA
- Privacy Act of 1974 and DoN/USNA Privacy/PII guidance
- FERPA (Family Educational Rights and Privacy Act)
  - The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.
Questions