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Graduate School of Business and Public Policy (GSBPP)

Manpower Systems Analysis Thesis Day Programs and Documents

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2015-03-19

# Manpower System Analysis Thesis Day Program / March 2015

Monterey, California, Naval Postgraduate School

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## OFFICER BIOGRAPHIES

### **LCDR Josh Ellison, USN, 1310 (Aviation)**

EDUCATION: BS Computer Science/ Business, BIOLA University  
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### **LTJG Ryan Bowers, USN, 1200 (Human Resources)**

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### **LCDR Brett Williams, USN, 1320 (Aviation)**

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## OTHER AY2015 MSA RESEARCH TOPICS

### **DECEMBER 2014**

#### **LCDR Katrina Ryan, Royal Australian Navy**

*Fatigue Mitigation and Crew Endurance Management in the Royal Australian Navy and the U.S. Navy: A Review of Recent Efforts and a Collaborative Path Forward*

#### **Maj Tong Choon Koh, Singapore Air Force**

*Singapore Armed Forces Warrant Officers and Specialists Manpower Projection Flow Model*

#### **LCDR Kara Lavin, USCG**

*The Modeling of Factors That Influence Coast Guard Manpower Requirements*

**Questions/comments regarding MSA student thesis projects may be directed to:**

Dr. Yu-Chu Shen, Academic Associate, e-mail: yshen@nps.edu, phone: (831) 656-2951, DSN 756



## GRADUATE SCHOOL OF BUSINESS AND PUBLIC POLICY

NAVAL POSTGRADUATE SCHOOL

# MANPOWER SYSTEMS ANALYSIS

# *Thesis Day*

19 March 2015

NAVAL POSTGRADUATE SCHOOL  
MONTEREY, CA

## MANPOWER SYSTEMS ANALYSIS

### SCHEDULE

THURSDAY, 19 MARCH 2015

#### WELCOME/OPENNING

**Capt. Shawn Callahan**

*Director, Research, Modeling & Analysis Division (OPNAV N154)*

#### MSA PROGRAM HIGHLIGHTS

**Dr. Yu-Chu Shen**

*Academic Associate, Manpower Systems Analysis Curriculum*

#### THESIS PRESENTATIONS

**Lt. Cmdr. Josh Ellison (video presentation)**

*Financial Management*

*Improving the Signal for U.S. Navy Officer Productivity*

**Lt. Cmdr. Kyle Alcock**

*Operations Research*

*Comparing the Performance of Resident to Distance Learning Student Navy Officers at Naval Postgraduate School*

**Lt. Cmdr. Serena Blankenship & Lt. Cmdr. Kristin Shepherd**

*Manpower Systems Analysis*

*Analysis of Suicide Behaviors in the Active Duty and Reserve Component Population*

**Lt. j.g. Ryan Bowers**

*Manpower Systems Analysis*

*Pre-Accession Factors in the Performance and Retention of Hispanic Enlistees*

**Lt. Cmdr. Brett Williams**

*Manpower Systems Analysis*

*Evaluation of Aviation Career Pay Incentives Among the Naval Aviation*

*Enterprise Utilizing Auction Mechanisms*

*CNP Award Recognition for Excellence In Manpower Systems Analysis*

#### CLOSING REMARKS

**Capt. Shawn Callahan**

*Director, Research, Modeling and Analysis Division*

## OTHER 2015 MSA RESEARCH TOPICS

### MARCH 2015

**Capt Matthew Curry, USMC**

*Factors Affecting the Performance and Retention of Non-Career*

*Hispanic and Non-Hispanic Enlistees*

*CNP Award Recognition for Excellence In Manpower Systems Analysis*

**LT Chinomso Asonye, USN**

*Analysis of Body Mass Index and First-term Attrition of Navy Enlisted Personnel*

**LT Timothy Henderson, USN**

*Determining How to Best Predict Navy Recruiting Using Various Economic Variables*

**LT Mark Blankenship, USN**

*Prevalence of sleep issues, fatigue and musculoskeletal complaints among sailors attached to a shore-based training command*

**1st Lt. Mustafa Korkmaz, Turkish Army**

**& Cpt Ugur Ugurbas, Turkish Army**  
*Determinants of First Term Attrition for Enlisted and Officer Selected Marine Corps Reservists*

**LT Anthony Capuano, USN**

*U.S. Navy Medicine's Medical Home Port: A Pre and Post Analysis on Its Effectiveness of Increasing Primary Care Encounters, Reducing Emergency Room Utilization, and Increasing Continuity of Care*

**ENS Boris Kun, USN & Maj William Whaley, USMC**

*Deception Detection Process and Accuracy: An Examination of How International Military Officers Detect Deception in the Workplace*

**Capt Lucas Crider, USMC**

*Effectiveness of the United States Marine Corps Tiered Evaluation System*

**LT Wesley Musselman, USN**

*A Manpower Based Assessment the of USS COLE Mission Capabilities Following the Terrorist Attack on 12 October 2000*

**Lt. Col. Marcus De Mello Takahashi, Brazilian Air Force**

*Selection of Senior Officers for Career Course and Impact of Attrition of Colonels*

**LT Elizabeth Newbold, USN**

*Analysis of Manning Options for Visit, Board, Search, and Seizure Teams*

**LCDR Amanda Dzananovic, USN**

*Designing the Navy Enlisted Supply Chain Inter-Organizational Collaborative Capacity Assessment*

**Capt Sean Norton, USMC**

*An analysis of the Marine Corps Individual Ready Reserve (IRR) Screening Process*

**Capt Daniel Ealy, USMC**

*Utilization of Graduate Education in the United States Marine Corps*

**LTC Oleksiy Pavliuchyuk, Ukraine Army**

*Assessment of the International Military Education and Training Program in the Ukrainian Armed Forces*

**LCDR Kirk Emanuelsen & LCDR Jon Lee**

*Gender Differences in Life-Work Balance and Its Impact on Female Occupational Choice and Retention*

**Maj Mateo Salas, USMC**

*Comparison of Retention and Promotion Factors among Hispanic and non-Hispanic Marine Officers*

**LCDR Case Garrison, USN**

*Factors in the Performance and Retention of Hispanic Versus Non-Hispanic Naval Officers*

**LCDR Russell Sansone, USN**

*The Earnings of Veterans: Effects of Military Service*

**Lt. Col. Arthur Gentil Toneli, Brazilian Air Force**

*Application of Integer Programming to Brazilian Air Force's Officer Assignment Process.*

**Capt Gunnar Spafford, USMC**

*Composition, Training, and Management of Foreign Security Force (FSF) Advisor Groups*