

DR WAYNE PORTER, CAPT USN (RET)

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EDUCATION

Ph.D Information Sciences (System Dynamics) **2014**
Naval Postgraduate School, Monterey, Ca.
Dissertation: “**The Effects Of System Dynamics Modeling On Systems Thinking In The Context Of Regional Strategic Planning**”

M.S. Computer Science
M.S. Joint C4I Systems Technology **1999**

Naval Postgraduate School, Monterey, Ca
Thesis: “**Resources Required for Adaptive C4I Models in a Distributed Heterogeneous Computing Environment**” (Honors Thesis for Joint C4I)

University of Southern California, Los Angeles, Ca

B.A. Humanities

Area of Concentration: Cinematography

PROFESSIONAL EXPERIENCE (SIGNIFICANT ASSIGNMENTS)

Department of the Navy (civilian) – Naval Postgraduate School **2015- present**
Executive Director, Common Operating Environment Lab
Director, Littoral Operations Center
Senior Lecturer, Defense Analysis and Systems Engineering

Independent Consultant **2014-2015**
Kiernan Associates
Developed complexity and System Dynamics models for National Counter Terrorism Center

Wikistrat, Inc
Chief Strategist **2014**

United States Navy – (Retired after 28 years service)

Chair, Systemic Strategy and Complexity, Naval Postgraduate School **2011 - 2014**

Special Assistant (Strategy) to the Chairman of the Joint Chiefs of Staff **2008 – 2011**

Included extensive work on global and regional issues of security, intelligence, economic development, sustainability, demographics, energy, trade, environmental and ecological concerns. Wrote A National Strategic Narrative (since cited internationally as a framing document for a new US strategy)

Assistant Chief of Staff (Intelligence) for Commander, US and Coalition Naval Forces in the Persian Gulf **2007 – 2008**

Director, Strategic Action Group (N00Z) for Chief of Naval Operations **2005 – 2007**

Helped create the 1,000 ship Navy concept, designed total reorganization of Navy Intelligence and Cryptology communities, created Global Fleet Stations concept, consulted on National Maritime Strategy, drafted CNO congressional testimony

Director, Operational Net Assessment for Commander, US Naval Forces Europe **2003 - 2005**

**Political Advisor – Balkans for Commander, NATO Forces South and
Special Representative of NATO Secretary General in Southern Serbia
Intelligence, Information Dominance Officer** **2001 - 2003**
1989 – 2014

Served primarily as an operational intelligence officer. Specialized in operational and strategic intelligence and planning, systems thinking. Also qualified as Surface Warfare Officer and Steam Engineering Watch Officer. Proposed the restructuring of Naval Intelligence adopted in 2008.

Lear Astronics Corp, Santa Monica, Ca
Senior Contracts Administrator **1986 – 1989**

AWARDS

Who's Who in America, Ellis Island Medal of Honor, Defense Superior Service Medal, four Legions of Merit, Defense Meritorious Service Medal, Navy Meritorious Service Medal, NATO Meritorious Service Medal **1986 – 2014**
Vice Admiral Rufus B. Taylor Award for Professional Excellence in Intelligence **2001**

TEACHING, SPEAKING EXPERIENCE

Naval Postgraduate School, Monterey, Ca
Senior Lecturer “Systemic Strategic Thinking and Planning” (PhD/Masters level course) **2016**
Dissertation and Thesis Advisor in Homeland Security, Systems Engineering, Information Sciences, and National Security Affairs **2015 - 2016**
Guest Lecturer – “The Need for a National Strategic Narrative in Strategic Planning,” **2012-2014**

Global Institute of Sustainability, Arizona State University, Tempe, Az
Walton Fellow & Visiting Lecturer – “The Darwinian Moment: A Narrative for Adaptation” **2013**

TEDx Monterey – **“Can We Model Opportunity?”**
TEDx Santa Cruz – **“A National Strategic Narrative and the Role of American Communities.”** **2014**

PUBLICATIONS AND PAPERS

Chapter accepted for publication by Springer Publishers, book entitled, “Policy Analytics, Modelling, and Informatics: Innovative Tools for Solving Complex Social Problems,” chapter entitled, “The Value of System Dynamics Modeling in Policy Analytics and Planning.” Nov 2016

Naval Postgraduate School doctoral Dissertation, THE EFFECTS OF SYSTEM DYNAMICS MODELING ON SYSTEMS THINKING IN THE CONTEXT OF REGIONAL STRATEGIC PLANNING, Sep 2014

OSD/JS Strategic Multi-layer Assessment Occasional White Paper, Rethinking Counter Terrorism: The Need for Systemic Strategic Planning and a Strategic Campaign to Address Violent Islamist Extremism that Manifests Itself in Terrorist Acts, Aug 2013

Harvard Business Review, The HBR List of Audacious Ideas, Partner With China in Afghanistan, Jan 2012

American Foreign Policy Interests, Rethinking America's Joint Force: Credibility and Strength in a Constrained Fiscal Environment, Apr 2012, Vol 109

The HotSpring Quarterly, The Last Pack of Cigarettes, Fall 2012

Monterey County Farm Bureau, Farm Focus Quarterly, Exceptionalism and American Citizens, Fall 2012

Woodrow Wilson Center for International Scholars, **A National Strategic Narrative** (forward by Dr. Anne-Marie Slaughter), Apr 2011

Washington Times, Putting our Veterans Back to Work, 30 Mar 2010

New America Foundation, "A New Deal: A Plan for Sustainable Afghan Security," Nov 2010

Naval Institute Proceedings, Confessions of an Intel Shoe, 1991

8th Euromicro Workshop on Parallel and Distributed Processing, A QoS Performance Measure Framework for Distributed Heterogeneous Networks, 2000

REFERENCES (UPON REQUEST)

ADM Michael Mullen, USN (ret); ADM James Stavridis, USN (ret)