



Analyzing Future Complex National Security Challenges within the Joint, Interagency, Intergovernmental, and Multinational Environment

**ANNOUNCING A PROTEUS “FUTURES” ACADEMIC WORKSHOP,
22-24 AUGUST 2006, AND A “CALL FOR PAPERS”**

We're entering an age of acceleration. The models underlying society at every level, which are largely based on a linear model of change, are going to have to be redefined. Because of the explosive power of exponential growth, the 21st century will be equivalent to 20,000 years of progress at today's rate of progress; organizations have to be able to redefine themselves at a faster and faster pace.

(Ray Kurzweil, 2003)

The United States Army War College, in collaboration with the Office of the Director, National Intelligence (DNI), will conduct an academic workshop to explore the complexity of the future global security environment, its discrete threats and opportunities, and examine new and emerging Proteus related strategies and processes to meet 21st century U.S. national security needs. This workshop's overall purpose is to vet and exchange ideas through presentation of submitted papers. The event will take place 22-24 August 2006 at the Center for Strategic Leadership, Carlisle Barracks Pennsylvania.

WHAT IS PROTEUS AND THE PROTEUS MANAGEMENT GROUP?

Proteus was a being from Greek mythology: Proteus, the son of Oceanus and Tethys was endowed with a capacity to assume different forms and to prophesy. The Proteus project originated as an advanced concepts research initiative at the U.S. National Reconnaissance Office in 1999, employing commercially proven scenario-based methodology. In the course of exploring alternate future scenarios and considering possible national security issues, the project team published interim results of the work in a book entitled *Proteus Insights from 2020*. The book contains the original nine “insights” and five “planes of influence” that were derived from examining five “future hypothetical scenarios.” The book has been used as a basis to enable further strategic research and has inspired the initial Proteus Consortium.

The Proteus Management Group (PMG), established in mid-December 2005, is a resident project within the Center for Strategic Leadership. The project is sponsored by the DNI to promote further discourse, study and research on the application of Proteus Insights (PI) to strategic issues, focusing on the refinement, continued development, and use of the Proteus lens in future scenarios. A second objective is to assist strategic and high-operational level decision-makers, planners, and intelligence analysts using all elements of national power in creative consideration and critical analysis of future national security, military, and intelligence issues

within the Joint, Interagency, Intergovernmental and Multinational (JIIM) environment. For more details on the PI and the PMG effort, see www.strategicleader.us/proteus.htm.

CALL FOR PAPERS

All Communities (Government, Interagency, DOD/Military, Intelligence, academic, and business) are invited to submit papers on future national security issues and challenges. Abstracts and précis's should be no longer than two pages and submitted to the PMG by **15 April 2006**. The PMG will review and select abstracts and précis for workshop presentation by the **25 April 2006**. Final papers should be between 3000 and 10,000 words and contain proper footnotes or endnotes and bibliographies. If an author plans to use presentation slides, the slide deck must be submitted on CD or sent electronically in Power Point to the PMG by **18 August 2006**. All papers must be submitted on CD or sent electronically to the PMG no later than **22 August 2006** (first day of workshop). The PMG will review any exceptions to these dates on a case by case basis. Abstract and papers can be either mailed or emailed to the Proteus Management Group (See contact information below).

PAPER AND PRESENTATION TOPICS:

Educational Exercises/Experiential Learning. This topic area examines course work, computer assisted learning, role playing games and simulations that incorporate PI on critical and out of the box thinking and support the communities listed above. Examples: Role Playing Simulation (RPS), gaming using RPS or gaming technology, real world tools development (collaboration, C2), applicable case studies, student learning models for critical thinking, smart agent technology," Protean "Planes of Influence" and doctrinal PI discussions.

Analysis and Decision Support. This topic area looks at the application of PI in intelligence analysis, decision-making, and planning processes at the strategic and operational levels. Examples include National and Joint intelligence processes, perception management in Information Operations (IO), the Military Decision Making Process (MDMP), Joint and Strategic planning, Interagency planning and decision-making; "Expert Agents" and cognitive assistants that support analytic functions; cultural, social and/or psychological applications in policy scenarios that could be influenced by Protean thought, and counterterrorism or GWOT applications.

Future Research. This topic area will explore new Proteus related insights, refinement and development of current insights, and work on Protean applications for identifying future threats and capitalizing on opportunities. Examples include Alternative Futures planning processes, simulation and gaming using PI, development of new Protean insights and lenses, procurement and logistics processes, robotic applications, Artificial Intelligence research and future technology convergence (Nano, Micro, Info, Bio, Cogno), threats and/or opportunities.

OVERALL WORKSHOP OBJECTIVES AND DELIVERABLES

The objectives of this workshop are: 1) to bring together an international audience of military, national security and intelligence community leaders as well as experts from academia to exchange ideas and promote further discourse, study and research on the application of PI to strategic issues; and 2) to assist strategic and high-operational level decision-makers, planners and analysts, in developing future strategies and requirements as stated above. Two weeks prior

to the workshop participants will receive an e-copy of the participant binder containing workshop agenda, panel assignments, reference material, and a roster containing participant contact information. At the conclusion of the workshop the PMG will publish a workshop report and a selection of submitted papers chosen for the quality and manner in which Protean Insights are applied. Additionally, each participant will receive a CD containing all papers and presentations. This information will also be posted on the Proteus website – www.strategicleader.us/proteus.htm.

WORKSHOP DESIGN

The workshop will be conducted over the course of three days focusing on the topical area themes outlined above. The event will begin with a morning plenary session, followed by afternoon panel paper presentations and discussions. That evening there will be a dinner and keynote address to set the stage for the subsequent working panel sessions and discussions on day two. Day two will consist of panel presentations, a catered lunch with a guest speaker. Day three includes a presentation and hands-on demonstration of the “Proteus Media,” a complexity thinking game developed by Professor John Hiles, Naval Post Graduate School, followed by a final plenary session.

TENTATIVE PROGRAM

Tuesday, 22 August 2006 – The Collins Center

- 0800 – 0930 Participant Arrival and Workshop Registration
- 1000 – 1145 Plenary Session: Proteus, Future Threats and Opportunities (Normandy Room, 3rd Floor)
- 1145 – 1245 Lunch, Cafeteria Style (Ardennes Room)
- 1300 – 1700 Panel Paper Presentations and Discussions (Team Rooms, 2nd Floor)
- 1800 – 2100 Cocktails and Dinner w/Guest Speaker (Letort View Community Center)

Wednesday, 23 August 2006 – The Collins Center

- 0730 – 0830 Continental Breakfast (2nd Floor)
- 0830 – 1200 Panel Paper Presentations and Discussions (Team Rooms, 2nd Floor)
- 1200 – 1300 Lunch w/Keynote Speaker (Ardennes Room)
- 1315 – 1730 Panel Paper Presentations and Discussions (Team Rooms, 2nd Floor)
- Dinner on your own

Thursday, 24 August 2006 – The Collins Center

- 0730 – 0830 Continental Breakfast
- 0830 – 1200 Proteus Media Game Demonstration (2nd Floor)
- 1200 – 1245 Lunch, Cafeteria Style (Ardennes Room)
- 1300 Wrap-up and Adjourn (Normandy Room)

CONTACT INFORMATION

For additional information regarding Proteus or this event, please go to the PMG web: <http://www.strategicleader.us/proteus.htm>, or contact either Mr. Bill Waddell 717-245-4222 or Mr. Bill Wimbish at 717-245-3366. Email: william.waddell@us.army.mil, william.wimbish@us.army.mil or proteus@carlisle.army.mil. Mailing Address: Center for Strategic Leadership, ATTN: Proteus Management Group, 650 Wright Avenue, Carlisle PA 17013-5051.