The USGIF Awards Program annually recognizes the exceptional work of the geospatial intelligence tradecraft's brightest minds. The awards are given to applicants selected by the USGIF Awards Subcommittee and presented during the annual GEOINT Symposium. Developed to recognize the achievements of individuals and teams involved with the geospatial intelligence tradecraft, the program awards those within the community in four distinct categories.

GEOSPATIAL ACADEMIC ACHIEVEMENT AWARD

The Geospatial Academic Achievement Award commends the achievements of the top graduate of a nationally recognized geospatial intelligence academic program.

GEOSPATIAL ACADEMIC RESEARCH AWARD

The Geospatial Academic Research Award is given to an individual, team or university for research contributions aimed at promoting the tradecraft and developing a stronger community among those who apply geospatial intelligence to national security objectives.

GEOSPATIAL ADMINISTRATIVE/SUPPORT AWARD

The Geospatial Administrative/Support Award recognizes outstanding administrative or support accomplishments in the tradecraft by an individual or team from the military, government or industry.

GEOSPATIAL INTELLIGENCE ACHIEVEMENT AWARDS

The Geospatial Intelligence Achievement Awards are given to an individual or team from each of three sectors—government, industry and military—for contributions aimed at promoting the geospatial intelligence tradecraft. The awards recognize the individual or team's support to local, state or national policy makers or military forces by providing timely, relevant and accurate geospatial intelligence.

ARTHUR C. LUNDAHL LIFETIME ACHIEVEMENT AWARD

The Arthur C. Lundahl Lifetime Achievement Award is presented, upon selection by the USGIF board, to an influential member of the geospatial intelligence community who has dedicated much of his or her career to the tradecraft.

This year's winner will be announced Thursday, April 17 at 8:00 A.M. during the general session.

Previous winners of USGIF's Arthur C. Lundahl Lifetime Achievement Award include:

2012 Mr. Penman R. "Red" Gilliam
2011 LTG Paul E. Menoher
2010 Mr. Jack Dangermond
2009 Mr. Charles E. "Charlie" Allen
2008 Mr. R. Evans Hineman
2007 The Honorable James R. Clapper
2006 The Honorable Jeffrey K. Harris
2005 Mr. William R. Allder Jr.
2004 Dr. Leo Hazlewood

ACADEMIC ACHIEVEMENT

Dover Area High School Geospatial Technology Program

The Dover Area High School Geospatial Technology program is working toward educating students about the geospatial technology industry at the high school level. Dover Area High School is a public education school with limited funds, located in York County in south central PA. The high school has 1,000 students and is a fully comprehensive high school. The Geospatial Technology Program was started in 2007 as an afterschool program. In 2008, the first class was offered for credit. Since 2008, the program has grown into a four course program that is taught to 9-12 graders, with senior capstone internships. The program's main partner is Washington College in Maryland. The partnership was used to develop the Geospatial Technology curriculum. The curriculum is now delivered through a Moodle platform. Dover currently has graduates studying Geospatial Technology at the follow institutions: Washington College, Harrisburg University, Penn State University, Pittsburgh University, and Shippensburg University. Students have interned with the following community agencies: PA DCNR, York County Planning Commission, York County 911 county control, Local Municipalities, and Washington College Production Lab. We are proud to announce that we have students in the armed forces utilizing their geospatial technology training.

ACADEMIC RESEARCH

Richard M. Medina, George Mason University

Richard Medina is an Assistant Professor of Geography and GeoInformation Science at George Mason University. He is one of the preeminent young researchers focusing on the spatial analysis and geographical portrayal of terrorist social networks. He has made significant contributions to security studies, specifically to geospatial intelligence. Richard's research is at the foundation of an evolving counterterrorism strategy that exploits human geography, social network analysis, and spatial analysis of terrorists' use of sociogeographic hybrid space domains. He is also coauthor on a new book titled *The Geography of International Terrorism* that approaches the study of terrorism through a geographic lens.

ADMINISTRATIVE/SUPPORT

Melissa Martz, National Geospatial-Intelligence Agency

Melissa Martz serves as the Executive Officer (XO) to the National Geospatial-Intelligence Agency (NGA) Support Team to the U.S. Department of State. The mission of the NGA Support Team (NST) to the U.S. State Department (DoS) is to broaden and deepen GEOINT support to, and collaboration with, the DoS and USAID by implementing the NGA Strategy. As XO, she manages the organizational, administrative, and support activities for the NST. Prior to joining the State NST in February 2013, Melissa served as the XO for the Afghanistan, Pakistan, and Central Asia Division (AISI) within the Bureau of Central and Southwest America (AIS). Working at the NST is her first experience working beyond NGA Headquarters since she joined the organization in April 2011. Melissa earned her M.A. in International Relations, concentrating in Middle East Studies and International Economics, from Johns Hopkins University's School of Advanced International Studies (SAIS) in May 2010. She wrote her Master's thesis on education reform in Jordan. While pursuing her degree, she interned at the Congressional Research Service and the U.S. Department of State in the Bureau of Democracy, Human Rights, and Labor. She also has a B.A. in History of the University of Virginia (UVA). Melissa currently lives in Alexandria, VA with her wife, Traci Walker, a BAE Multimedia Analyst at NGA.

INTELLIGENCE ACHIEVEMENT AWARD – GOVERNMENT

Robert L. Arbetter, National Geospatial-Intelligence Agency

Bob Arbetter has been an unyielding force for the last six years in educating, advocating and formalizing the analytical tradecraft known as Activity Based Intelligence or ABI. In 2010, after two years of research and drafting, his office under the then USDI, Mr Clapper, published a strategy document that underpinned the ABI movement we see today. Also during this time, he released the first ever ABI RFI to industry outlining concepts and technical challenges, setting the stage for what is now a program of record to provide NGA and the IC with ABI enterprise services. His subsequent move to NGA to help coordinate ABI activities agency-wide has helped keep the Agency on the leading edge of thought and technology in the IC. The countless improvements associated with ABI, too numerous to mention, will help all of us deal with Big Data, help prevent surprise and revolutionize the way we do business from analytical tradecraft to data handling and infrastructure.

INTELLIGENCE ACHIEVEMENT AWARD – MILITARY

TacSat-3 Exploitation Team

The USASMDC/ARSTRAT GEOINT Division's TacSat-3 (TS-3) Exploitation Team developed and refined a rapid exploitation process for the Advanced Responsive Tactically Effective Military Imaging Spectrometer (ARTEMIS) hyperspectral sensor on the TS-3 satellite. The team developed the concept as follow-on to the TS-3 experimental phase. Implementation of the capability began in June 2010 with the transition of the satellite to operations. Mr. Brian Collins developed and coded the initial process, while Mr. Tim Pachter refined and improved that process. Mr. Keith Pence led the analytical effort as the spectral subject matter expert. During the course of the 20 month operational phase, the team analyzed and created reports for over 1,700 hyperspectral datasets, analyzing nearly every TS-3 collect. This was the first time that a space-borne hyperspectral sensor has been made available for operational use and that rapid (First Phase) exploitation had been accomplished on data from such a platform.

INTELLIGENCE ACHIEVEMENT AWARD – INDUSTRY

Pixia Corp.

PIXIA Corp is a long time champion for advancing worldwide open standards for accessing large volumes of geospatial data using interoperable web-based solutions. In support of the geospatial standards community, PIXIA spent nearly a year designing and developing a Wide Area Motion Imagery specification focused on performance and scalability to enable globally federated dissemination of WAMI data. PIXIA donated this specification to the Open Geospatial Consortium (OGC) who adopted it this year as a best practice. This accomplishment and endorsement established a worldwide standard for their 480+ international members for accessing all the data all the time for worldwide WAMI consumers using the tools, architectures and workflows of their choice.