The following awards and scholarships were presented at the ASPRS 200 Annual Conference in Baltimore, Maryland. The complete text of the 2009 Awards Program is available on the ASPRS website at http://www.asprs.org/memberhps/scholarship.html

**ASPRS Honorary Member**

**Thomas M. Lillesand** is a Professor Emeritus of the Nelson Institute for Environmental Studies, the Department of Forest Ecology and Management, and the Department of Civil and Environmental Engineering, University of Wisconsin-Madison. He is President of the Board of Trustees of the ASPRS Foundation, an ASPRS Fellow, a Certified Photogrammetrist, and a Certified Mapping Scientist in the area of Remote Sensing.

**Robert N. Colwell Memorial Fellowship**

**Sergio Bernardes** is a doctoral candidate at the University of Georgia (UGA), where he expects to earn a Ph.D. in Geography in 2010. His research involves multi-temporal and multi-sensor analyses of biophysical parameters of vegetation in the Brazilian Amazon forest and savanna transition areas. Bernardes’ research on modeling of carbon sources and sinks, understanding human impacts on the Brazilian Amazon forests and savanna, and advancing remote sensing image processing techniques will provide an important contribution to global change monitoring and modeling. His research program is consistent with the emphasis on practical applications of remote sensing to natural resources that characterized the career of Dr. Colwell, in whose memory this Fellowship is awarded.

**Donor:** The ASPRS Foundation, from funds donated by students, associates, colleagues and friends of Robert N. Colwell.

**Abraham Anson Memorial Scholarship**

**Nicole Wayant** is a final year student studying for her Bachelor of Science in Geography and Bachelor of Science in Mathematics degrees at Kansas State University (KSU). Wayant has been recipient of several academic honors and awards for her scholastic achievements. In her undergraduate program she has achieved Semester Academic Honors in 6 semesters, GTU- geography honorary Phi Kappa Phi-top 10% of college class and KSU Integrated Research Center Undergraduate Researcher Scholar designation for the spring 2007 and fall 2008. This is the highest honor that the Math department awards to an undergraduate student engaged in research. She has been recipient of several scholarships. She has also worked on several research projects at the university. Notably on the project entitled “Spatial-temporal Analysis of Malaria in Paraguay: Correlating Malaria and Normalized Difference Vegetation Index”. Wayant is expected to graduate in May 2009 and intends to pursue further studies in a graduate program in remote sensing.

**Donor:** This award is presented in 2009 for the first time by the ASPRS Foundation from funds donated by the Anson bequest and contributions from the Society and the Potomac Region as a tribute to Abe Anson’s many contributions to the field of photogrammetry, remote sensing, and long, dedicated service to the Society.

**John O. Behrens Institute for Land Information (ILI) Memorial Scholarship**

**Christopher Griffith** was selected as the first recipient of the John O Behrens ILI Memorial Scholarship as a person who represents the goals of John Behrens in advancing the value of land information in pursuing scientific research and education. Griffith is an excellent student with top grades who is active in professional societies, respected by his colleagues and recognized as a model student by his professors. He comes from a strong engineering program and has pursued course work in geospatial science and land information disciplines including land surveying, photogrammetry and GIS. It is with pleasure that the first John O Behrens ILI Memorial Scholarship is awarded to Christopher Griffith of Penn State University.

**Donor:** The ASPRS Foundation from funds donated by the ILI.

**Boeing Award for Best Paper in Image Analysis and Interpretation**

**Robert A. Chastain, Jr., Matthew A. Struckhoff, Hong S. He, and David R. Larsen** for “Mapping Vegetation Communities Using Statistical Data Fusion in the Ozark National Scenic Riverways, Missouri, USA,” *PE&RS*, 74, (2), 247-264.

**Donor:** Boeing S&IS Mission Systems through the ASPRS Foundation

**John I. Davidson President’s Award for Practical Papers**

The first place award went to **Zhen Xiong and Yun Zhang** for “An Initial Study on Vehicle Information Extraction from Single Pass QuickBird Satellite Imagery,” *PE&RS*, (74) 11, 1401-1411.

**Donor:** The ASPRS Foundation
ERDAS Award for Best Scientific Paper in Remote Sensing

The first place award went to Jan A.N. van Aardt, Randolph H. Wynne, and John A. Scrivani for “Lidar-based Mapping of Forest Volume and Biomass by Taxonomic Group Using Structurally Homogenous Segments.” PE&RS, 74 (8), 1033-1044.

Donor: ERDAS through the ASPRS Foundation

The ESRI Award for Best Scientific Paper in GIS


Donor: The Environmental Systems Research Institute, Inc. (ESRI) through the ASPRS Foundation

The Talbert Abrams Award

The Grand Award went to Junhee Youn, James S. Bethel, Edward M. Mikhalii, and Changno Lee for “Extracting Urban Road Networks from High-resolution True Orthoimage and Lidar.” PE&RS, 74 (2), 227-237.

Donor: The ASPRS Foundation

William A. Fischer Memorial Scholarship

Suzanne Walther, currently a Ph.D. student with the Department of Geography at the University of Oregon, was selected to receive the 2009 William A. Fischer Memorial Scholarship in recognition of her significant academic accomplishments and her very impressive record of research, teaching and publications in remote sensing. Walther’s research is an innovative approach to integrating remote sensing and field based physical measures of river systems to characterize fluvial habitats in relation to the operation of upstream dams. The results of her research should provide new tools to monitor and model the impacts of changing environments and significant insight into the potential outcomes of different management options.

Donor: The ASPRS Foundation through individual and corporate contributions in memory of William A. Fischer.

Robert E. Altenhofen Memorial Scholarship

Mr. Changjae Kim is a doctoral candidate at the University of Calgary, Canada. Department of Geomatics Engineering, studying analytical and digital photogrammetry. He has a strong academic background in photogrammetry, experience as a teaching assistant, significant publications, and excellent grades. He provided an excellent proposal for continuing studies, and has excellent faculty references. His faculty advisor is Professor Ayman Habib.

Donor: The ASPRS Foundation. This award was originally established by Mrs. Helen Altenhofen as a memorial to her husband, Robert E. Altenhofen, past president of ASPRS. He was an outstanding practitioner of photogrammetry and made notable contributions to the mathematical aspects of the science.

Ta Liang Memorial Award

Lucy Kammer is a master’s candidate in the Department of Geography at Syracuse University, Syracuse, NY where she is currently a teaching assistant. She has been involved with remote sensing since her undergraduate work at West Virginia University where she first became involved with research, exploring the application of image analysis techniques to Lidar-derived elevation data for automated landslide detection. As part of her studies, Kammer participated in a student exchange program, traveling to Greece for a short course during her sophomore year – one of a very few undergraduates to participate – and later spending a semester at the University of Utah where she was introduced to imaging spectroscopy. That last experience lead directly to her thesis research topic which deals with detection and mapping of Tamarisk, an invasive species that is populating riparian wetlands along the Colorado River. Kammer plans on using the award for travel to Utah for field work to support her thesis.

Donor: Individual and corporate contributions to the ASPRS Foundation in memory of Ta Liang.

Paul R. Wolf Memorial Scholarship

Anthony Richard Vannozzi received this award in recognition of his outstanding academic credentials and his plans and enthusiasm to become an education professional in Surveying, Mapping, and Photogrammetry. Vannozzi is currently a PhD candidate at the University of Connecticut in the Department of Natural Resources Management and Engineering focusing on GIS applications and education for Land Surveyors. He has been recognized at all levels for his continued interest, dedication, enthusiasm, and aptitude to becoming an education professional.

Donor: The ASPRS Foundation, from funds donated by the friends and colleagues of Paul R. Wolf.

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Kenneth J. Osborn Memorial Scholarship
Jason B. Jones is pursuing a Bachelor of Science degree in Geography from the University of Southern Mississippi. His major field of study is geographic information technology, with a minor in computer science. He plans to graduate in the fall of 2009, after which he intends to continue working at NASA Stennis Space Center. He plans to conduct research on applications that benefit from the fusion of sensor technology and data with anti-agroterrorism methodologies. Longer term he plans to pursue a doctorate at either the University of Maryland or the University of California at Santa Barbara. He exemplified the Osborn qualities of communication and collaboration through leadership within NASA “DEVELOP” project teams, University of Southern Mississippi student and Hurricane Katrina storm response teams, and in his volunteer efforts within his church and community.

Donor: The ASPRS Foundation from funds donated by the friends and colleagues of Kenneth J. Osborn.

Francis H. Moffitt Memorial Scholarship
Nathaniel Ovans was selected for the 2009 award of the Francis H. “Frank” Moffitt Scholarship. Ovans is attending Purdue University pursuing a Master of Science degree in Geomatics Engineering with emphasis in photogrammetry. Ovans has worked at the National Geospatial-Intelligence Agency (NGA) developing visualization tools for the gravity gradiometry program, field testing GPS/INS receivers and testing an image registration algorithm. He has also worked for the Michigan Department of Transportation in civil engineering and surveying, Ovans’ academic goal is to complete a Ph.D. at Ohio State University in the geodetic sciences or a related field, possibly developing a common sensor model for space-borne imagery sensors. Professionally he plans to return to the NGA full-time after completing his master’s degree at Purdue.

Donor: The ASPRS Foundation from funds donated to the Foundation from former students, associates, colleagues and friends.

The ASPRS GeoEye Award
Yinghai Ke is currently a Ph.D. candidate specializing in remote sensing applications in forestry at the State University of New York College of Environmental Science and Forestry (SUNY ESF) with an expected completion date of August 2009. His dissertation research involves new investigations of forest inventory analysis using high-spatial resolution imagery. The research is expected to produce rapid and reliable stand volume estimates from high resolution imagery and provide forest managers with operational methods for forest inventory and ecosystems monitoring. With strong interest in this field, he plans a career path in teaching and research in the realm of geospatial technology applications.

Erica Capuana is a master’s degree student in the Environmental Science department of Huxley College of the Environment at Western Washington University. Her current research is in mapping and modeling riparian habitat and its ability to provide salmon habitat using lidar and Ikonos imagery. Capuana’s interests include the ecology of critical wildlife areas and the application of remote sensing technologies such as lidar and high resolution satellite imagery for ecosystem analysis and management.

Donor: The GeoEye Foundation through the ASPRS Foundation

Intergraph Scholarship
Ju Won Hwangbo earned her Bachelors degree in Civil Engineering in 2002 and her Master of Science degree in Geomatics in 2004, both from Seoul National University, Republic of Korea. She is currently pursuing a PhD in Mapping and GIS from the Ohio State University, Columbus, Ohio. Her current work, through the OSU Mapping and GIS Laboratory, involves position determination of the Mars rover. While on Earth, Global Navigation Satellite Systems are taken for granted, no such capability exists on Mars. This has lead Hwangbo to develop innovative techniques based on dead reckoning with corrections from stereo image input. She has been diligent in pursuing publication of this work, including a paper in the June 2007 issue of Photogrammetric Engineering and Remote Sensing. Hwangbo’s career ambitions for her post-graduate endeavors are ambitious yet aimed at a practical advancement of our industry.

Donor: Intergraph Corporation through the ASPRS Foundation

Kodak International Educational Literature Award
The Department of Planning and Urban Development, Universidad Autónoma de Ciudad Juárez (UACJ), Mexico offers curricula and research activity in Earth systems sciences through the applications of geotechnology. Its Center for Geographic Information supports teaching initiatives in the Juárez area. The UACJ supports programs in civil engineering, biology, architecture, and economics that incorporate GIS, photogrammetry, and Remote Sensing content. At the graduate level, UACJ offers core and specialized Remote Sensing and
GIS courses in the programs of urban planning, environmental engineering, and ecosystems. The award materials will provide students with the opportunity to include current journal articles and books into course work and theses and the materials will allow professors access to current technology advances for inclusion into class programs.

**Donor:** Eastman Kodak Company, through the ASPRS Foundation

**ASPRS Ford Bartlett Award**

Daniel L. Civco, New England Region; Brian Miyake, Columbia River Region; L. Monika Moskal, Puget Sound Region; and Brian Murphy, Florida Region.

**Donor:** the ASPRS Foundation. (This award was originally sponsored by the firm of Lockwood, Kessler, and Bartlett, Inc.)

**The SAIC/Estes Memorial Teaching Award**

Dr. Alan H. Strahler is currently Professor of Geography and Environment at Boston University (BU), and is associated with BU’s Center for Remote Sensing. He currently serves as the Geography Department’s Director of Graduate Studies. Professor Strahler’s research interests include measuring forest structure and reconstructing forests in three dimensions from ground-based lidar; bidirectional reflectance and albedo of land surfaces; global land cover and land cover change mapping; and spatial modeling and spatial statistics as applied to image understanding. He has been a member of the MODIS Science Team and the Deep Space Climate Observatory mission to view the Earth from solar orbit at the L1 position. He was elected a Fellow of the AAAS in 2005. He is an Emeritus member of ASPRS and a past recipient of the ASPRS Ford Bartlett Award.

**Donor:** The Science Applications International Corporation (SAIC) through the ASPRS Foundation.

**ASPRS Outstanding Workshop Instructor Award**

This year’s award recipients are Dave Fuhr, with Airborne Data Systems, and Brian Huberty, with the U.S. Fish & Wildlife Service. For the last six years, this duo has been conducting the highly successful and informative workshop, “Professional Airborne Digital Mapping Systems – An Overview.” Their team work and complimentary teaching style, combined with their background and knowledge of airborne mapping systems, makes this a popular and interesting workshop.

**Donor:** The award is administered by the ASPRS Foundation from funds donated by ASPRS members and participating sponsors through contributions to the ASPRS Foundation.

**ASPRS Outstanding Service Award**

The **Procurement Guidelines Committee**, Douglas L. Smith, Chair, for their efforts to develop the draft procurement guidelines. Committee members: George Lee, John Matonich, Marvin Miller, Dan Paulsen, Mike Ritchie, Curt Sumner, John Tull.

**R. Douglas Ramsey**, for scanning and archiving all of the back issues of PE&RS.

**Russell G. Congalton**, for his many years as Workshop Coordinator and for developing the Workshop Program into a significant source of net revenue.

**Roberta E. “Bobbi” Lenczowski**, for her leadership in developing draft legislation to implement the National Land Imaging Program.

**John Moeller** for being the guiding force in bringing the fully endowed John O. Behrens Institute for Land Information (ILI) Memorial Scholarship to ASPRS and the ASPRS Foundation

**Donor:** The ASPRS Foundation

**Col. Claude H. Birdseye President’s Citation**

Kass Green

**Donor:** The ASPRS Foundation.

**ASPRS Fellow Award**

Dr. Ray Helmering, Vice President of Product Engineering for GeoEye.

Dr. Thomas R. Loveland, Co-Director, USGS-South Dakota State University Geographic Information Science Center of Excellence at the USGS EROS Data Center (now USGS National Center for Earth Resources Observation and Science).

**Donor:** The ASPRS Foundation.

**The Photogrammetric Award (Fairchild)**

Dr. Charles K. Toth is a senior research scientist at the Center for Mapping, the Ohio State University, and has made several contributions to the field of photogrammetric theory and practice in the last two decades, being equally involved in state-of-the-art research and innovative use technology in both academic and application environments.

**Donor:** Lockheed Martin.

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BAE Systems Award
Ju Won Hwangbo, for the paper “INTEGRATION OF ORBITAL AND GROUND IMAGE NETWORKS FOR THE AUTOMATION OF ROVER LOCALIZATION,” (co-authored by Kaichang Di, and Rongxing Li)
Donor: BAE Systems Foundation through the ASPRS Foundation.

ASPRS Conference Management Awards
Donor: The ASPRS Foundation.

Presidental Citations
Michael S. Renslow, for his leadership of the NCEES photogrammetric examination effort.
Charles Mondello and George F. Hepner, for Phase V of the Ten-Year Industry Forecast.
Katie Mayo, Vaughn Rogers, and Jack Mayo, for helping to staff the booth at ISPRS.
Richard A. Pearsall, Rebecca A. Morton, and Louis N. Graham, for their work on the recent LIDAR standard.
Gene Forsburg, for his continual steady support.
George Y. G. Lee, for his on-going support of professional standards and publications.
Kimberly A. Tilley and Marguerite Madden, for the creation and championing of student assistantships.

Michael R. Thomas and A. Stewart Walker, for initiation of the Defense and Intelligence Committee of the Photogrammetric Applications Division.

Mary Potter and Terrence J. Keating, for raising the Capital Steps funds.

The 75th Anniversary Committee, Russell G. Congalton, Chair, and committee members, Stewart Walker, Karen Schuckman, Bill Hemple, Brian Kloer, and Kimberly A. Tilley.

Donor: The ASPRS Foundation.

**ASPRS Region of the Year Award**

First Place: The Columbia River Region
First Honorable Mention: The St. Louis Region
Second Honorable Mention: The Eastern Great Lakes Region

Donor: The ASPRS Foundation.

**ASPRS Region Newsletter of the Year**

First Place: Wavelengths, Columbia River Region
Second Place: The Rocky Mountain Compiler
Third Place: The Eastern Great Lakes Newsletter

Donor: The ASPRS Foundation.

**ASPRS Region Website of the Year**

1st Place: St. Louis Region -- https://www.asprs.org/StLouis/index.php?title=Main_Page
2nd Place: Florida Region -- http://www.flasprs.org/
3rd Place: Eastern Great Lakes Region -- http://www.glc.org/asprs-eglr

Donor: The ASPRS Foundation.

**Student Assistantship Grants**

Karen Amber Breitlow, Oregon State University
Laura Calandra, SUNY ESF
Ivan Detchev, University of Calgary
Justin Fristoe, University of Central Missouri
Meghan E Graham, University of New Hampshire
Shaojun He, The Ohio State University
Jefferson L. Williams, North Carolina Central University
Jamie-Rose Kearney, SUNY Albany
Michelle Rene Kinzel, Oregon State University
Zhenyu Lu, SUNY-ESF
Jacob Bancroft Morton, San Diego State University
Umanaheshwaran Rajasekar, Indiana State University
Joshua Scott Sisskind, University at Albany
Wenxia Tan, University of Waterloo
Anish Chand Turlapaty, Mississippi State University
Byungyun Yang, University of Georgia
Belbebi Yu, UTSA
Lisa Wedding, University of Hawaii

Donor: The ASPRS Foundation.

Don't forget to apply for the following awards by December 1, 2009 and take advantage of these valuable scholarships.

Forms may be obtained from the ASPRS office or they may be downloaded from our website at www.asprs.org

- Robert E. Altenhofen Memorial Scholarship
- Abraham Anson Memorial Scholarship
- BAE Systems Award
- John O. Behrens Institute for Land Information (ILI) Memorial Scholarship
- Robert N. Colwell Memorial Fellowship
- ERDAS Internship
- William A. Fischer Memorial Scholarship
- GeoEye Award
- Intergraph Scholarship
- Ta Liang Memorial Award
- Francis H. Moffitt Memorial Scholarship
- The Kenneth J. Osborn Memorial Scholarship
- Paul R. Wolf Memorial Scholarship
- KODAK International Educational Literature Award (KIELA)