



THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

# Central Region

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1400 Independence Road  
12  
Rolla, Missouri 65401  
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May 2000

Volume

Number

## CENTRAL REGION OFFICER ELECTIONS

It is time for the Central Region to elect a new Vice-President, Secretary/Treasurer, and two members for its Board of Directors. With the Region's involvement in the 2001 ASPRS Annual Meeting, the electees are sure to have an exciting and challenging term.

We have received the following nominations. In addition to the ballot, we have included biographic sketches of each nominee. The nominees are as follows:

### VICE-PRESIDENT

The Vice President office is a three year commitment. The incumbent spends one year as Vice President, another as President, and a third year as Past President.

### *James Vaughn*

Jim began his career with the United States Geological Survey (USGS) as a cartographic technician at the Mid-Continent Mapping Center, Rolla, Missouri on April, 14th, 1984. During his early tenure with the National Mapping Division, NMD, he worked with nearly every form of USGS topographic and planimetric data and was subsequently selected as the technical advisor for various research projects supporting cutting edge process improvements and data applications. In March of 1995 he began a detail which led to a permanent reassignment to the Branch of Research, Technology and Applications. In September of 1997, Jim was selected to the Geographic and Cartographic Research and Applications Section a self-directed work team, where progress in the Mapping Sciences are made visible through applied science in NMD geographic research projects.

Jim served in the military as a member of the United States Air Force Special Intelligence Group of the 13<sup>th</sup> Air Force in Southeast Asia, 1966-1970. Prior to his military service Jim attended Southern Illinois University and completed all the class work for a major in Zoology. He has also earned two Associate's degrees from the University of Maryland in Industrial Safety and Fire Technology, 1975.

Jim has taught science and math at the Elementary and Secondary level for the Crawford County R3 School system and has been guest lecturer/instructor in Emergency Trauma Reduction at Washington University School of Medicine in St. Louis, Mo., 1973-1975.

In his spare time Jim raises Angus cattle and American Quarter Horses on his Crawford County farm and is a GIS agri-data consultant to the National Resource Conservation Service through the Soil and Water Conservation Service where he also serves as Chairman of the Board, Soil and Water Conservation District 7 of the State of Missouri.

Jim has been a very active member / Director of the Central Region ASPRS since 1987, has experience working on every standing committee and believes that professional growth is the personal obligation of everyone involved in the mapping sciences. He also believes that ASPRS affiliation provides and promotes quality and challenging activities and opportunities in professional growth through an established and recognized structure of standards, guidelines, publications, programs and educational and networking opportunities which enhance the certification and well being of its members.

He was very active in pursuing the partnering of the Central Region and the St. Louis Region ASPRS in seeking the appointment as co-hosts of the National ASPRS Conference to be held in St. Louis in 2001, and is a co-chair of the social committee for that National Conference.

Jim brings a track record of active support for the Central Region and is interested in this position because he has experienced the value and believes in the importance of the ASPRS for remaining abreast of the technical issues and acquiring new knowledge of his profession's enterprise beyond his employing organization.

## SECRETARY/ TREASURER

The Secretary/Treasurer serves a one year term as the Region's chief financial officer. Principal duties include maintaining accounting records of region funds and writing checks to cover Region expenses.

*Russell Caton*

Russ is a cartographer at the USGS Mid-Continent Mapping Center. He holds a Bachelor of Science degree (1983) in Education from Southwest Missouri State University and a Bachelor of Arts degree (1996) in Psychology from Columbia College. Russ served four years (1975-1979) in the U.S. Air Force as an intelligence analyst assigned to the National Security Agency. He has continued to serve in the armed forces reserve and is currently an intelligence operations specialist with the 157<sup>th</sup> Air Operations Group of the Missouri Air National Guard.

He began to work for the USGS in 1984 as a cartographic technician in the Branch of Photogrammetry, working on various forms of topographic mapping. He spent two years in the collection and production of Digital Elevation Models (DEMs) and later served as the supervisor for the DEM unit at Mid-Continent Mapping Center. Additionally, he served six years in the Branch of Research, Technology, and Applications, involved in projects that focused on the uses of remotely sensed data and the integration of new technologies into the mapping and geographic information sciences. He currently serves as the supervisor for the EDGE (Enhancing Data for Geographic Exploration) group, branch of Production Operations at Mid-Continent Mapping Center, which provides geographic information science support for data applications. Russ first joined ASPRS in 1987. He has served as a member of the Central Region (formerly Rolla Region) Board of Directors from 1993 - 1996 and two terms as

Secretary/Treasurer (1998-1999, 1999-2000).

## DIRECTORS

Directors serve a three year term as a voting member of the board as well as some committee responsibilities. Committee work focuses on activities such as special programs, newsletter, outreach, etc.

*Michael P. Finn*

Mr. Michael P. Finn is a Computer Programmer/Analyst and Team Leader of the Programming Support Unit, Software Engineering Section, Research, Technology, and Applications Branch, Mid-Continent Mapping Center, US Geological Survey, Rolla, MO. In this position, he is responsible for the supervision of Student Computer Programmers and the coordination of programming development assignments with Computer Scientist Project Leaders.

Mike was born 4 May 1959 in St. Louis, MO, where he graduated from St. Mary's High School in 1977. In 1982, he earned a Bachelor of Science Degree in Geography (emphasizing Environmental and Natural Resources) with a minor in Cartography and Map Technology from Southwest Missouri State University in Springfield, MO. Mike earned a Master of Science Degree in Civil Engineering (specializing in Geodetic Engineering) from Virginia Polytechnic Institute and State University, Blacksburg, VA in 1991.

Mike entered civil service in November 1982 with the US Defense Mapping Agency at the agency's Aerospace Center in St. Louis. He worked as a Photogrammetric Cartographer producing digital spatial data for Department of Defense terrain models in support of weapon systems, such as the cruise missile. Mike was competitively selected to the center's in-house Computer Programming Development Program in the Applications Programming Branch of the Terrain/Feature Division in October 1985. After training, he performed as a Programmer/Analyst for the

MODCOMP mini-computer network that drove the Pooled Analytical Stereoplotter System (PASS).

In July 1987, Mike transferred with the agency to the Hydrographic/Topographic Center in Washington, DC. DMA then reassigned him to their Systems Center, also in Washington, when it was established. At both these centers, Mike worked as a Systems Analyst for the PASS, managing, developing, and maintaining the systems and real-time applications software. He was selected for the agency's extremely competitive Long-Term Full-Time Training Program that ultimately led to his MS degree.

Mike transferred to the Air Force with the Air Force Technical Application Center at Patrick Air Force Base, FL as a Physical Science Technician in October 1989. He was in charge of planning and coordinating the testing of electro-optical and radio frequency remote sensing systems being developed for the detection of electromagnetic pulses.

In December 1990, Mike was selected for a promotion as a Computer Specialist and as the first Chief of the Small Computer Customer Support Branch, 45th Communications Squadron, Patrick AFB. He was charged with establishing a new support section to provide technical maintenance, installation, configuration, troubleshooting, and advice services, and training for hardware, software, and peripherals to users of over 4,000 microcomputers at Patrick AFB and Cape Canaveral Air Station. Mike selected and developed a staff of military microcomputer technicians, and established and managed three contracts to provide all the requisite services. He served a detail as an Information Systems Manager and Chief of Communications-Electronics Operations Branch. In addition, as a voluntary additional duty, Mike served as the technical project manager on the development of a Geographic Information System for base telecommunications and information systems.

Mike accepted a promotion as a Program Analyst and Chief of the Requirements Branch, Detachment 41, Air Intelligence Agency at Patrick AFB in May 1995. In this position, he was responsible

for providing requirements management support to the Director of Plans and Programs. Mike managed national Measurement and Signatures Intelligence (MASINT) Requirements, the MASINT Requirements Database, Air Force Modernization Planning requirements and deficiencies, and acquisition-related requirements documents such Mission Needs Statements, Operational Requirement Documents, and Program Management Directives. He interfaced with the US Intelligence and Treaty Monitoring Communities, and represented Detachment 41 on the national MASINT Requirements Subcommittee.

Mike assumed his present position in July 1999.

Mike is a member of the American Society of Photogrammetry and Remote Sensing and has been since 1982. Mike received the Air Force Space Command Civilian Command, Control, Communications, and Computers Systems Professionalism Award in 1993 and again in 1994. He received the 45th Communications Squadron's Mid-Level Civilian of the Year Award in 1994. Mike received Performance Awards in 1990 through 1999.

Mike is married to the former Carol A. Kmiecik of Chicago, Illinois, a Supervisory Physical Scientist and Assistant Chief of the Productions Operations Branch, Mid-Continent Mapping Center.

*Lawrence V. Stanislawski*

Larry received his B.S. in Forest Resources and Conservation and M.S. in Forestry with emphasis in Remote Sensing in 1984 and 1988, respectively. He completed both degrees at the University of Florida(UF). From 1987 to 1998, Larry worked as a research and teaching assistant at the UF Civil Engineering Department. He became familiar with various mapping technologies including analytical photogrammetry, global positioning systems, and geographic information systems. Through this experience, he recognized the importance of positional accuracy to the validity of spatial data analysis.

Subsequently, he focused his doctoral research on estimating horizontal positional accuracy of geospatial data and has published articles in this regard. From 1993 to 1998, Mr. Stanislawski worked as a GIS specialist assisting the U.S. Army Corps of Engineers, Jacksonville District. In this position, his work included: GIS database development, automated mapping to assist emergency operations, flood inundation mapping, and GIS analysis to support environmental restoration projects. Since August of 1998, Larry has been a GIS developer for Science Applications International Corporation. In this position, he has been developing automated procedures to generate 1:24000-scale USGS National Hydrography Datasets for the Mid-Continent Mapping Center. Larry has been a member of ASPRS since 1985.

**COMPLETED BALLOTS  
DUE BY JUNE 15<sup>th</sup>, 2000**

*Mailing Your Ballot*

Completed ballots can be mailed or brought to:

Philip Rufe  
USGS-MCMC MS 706  
1400 Independence Road  
Rolla MO 65401