The Virginia Community College System Geospatial Institute

Participants

Wen Andrews
Wen is a professor and program head of the Architectural & Civil Engineering Technology Dept. at J. Sargeant Reynolds Community College in Richmond. He has been with J. Sargeant for 22 years, and also has taught in the School of the Arts at Virginia Commonwealth University. In 1999 Wen was selected as a recipient of the VCCS Chancellor’s Fellowship to pursue studies toward his Ph. D. at Virginia Tech in the College of Architecture and Urban Studies. Outside of his professional pursuits, Wen enjoys tournament golf and saltwater fly fishing.

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Chérie Aukland
Chérie is an associate professor of Information Systems Technology at Thomas Nelson Community College. Her teaching areas include web design and programming. Cherie is employed in the private sector as a consultant in the field of computer-based training and web design. Chérie is a Master Naturalist and volunteers for the local Historic Rivers chapter by organizing wildlife mapping training and activities. She is a Tai Chi player and enjoys gardening, hiking, and fishing. Every summer you will find Chérie in the high mountains of Washington State, climbing peaks and backpacking to remote places.

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Tahir Aziz
Dr. Tahir Aziz is an associate professor at J. Sargeant Reynolds Community College where he teaches database management systems, system analysis, and various other applications. Tahir has an extensive experience in teaching Programming languages, such as C++, C#, Java, VB, and C. His Ph.D. research primarily focused on understanding the relationship between information technologies and student learning in community colleges. He is very interested in conducting research in information security, the effects of technologies, development lifecycle of large systems, among other topics. He has reviewed many textbooks and journal articles.

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Kelly Barnes
Kelly is an Associate Professor of Information Technology for Southside Virginia Community College in South Central Virginia. She has completed her 6th year teaching full time for this institution. Kelley received her B.S. in Occupational and Technical Training from Old Dominion University in May of 2002, she also received her M.S. in Occupational and Technical Education with Emphasis in Community College Education in December 2008 from Old Dominion University. Along with her degrees, she has completed various certifications ranging from Microsoft Office User Specialist to her Network + Certification in September 2009. In her spare time she likes to travel (loves the beach), shop, read, learn new technological tools, and spend time with friends and family.

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John Careatti
John A. Careatti lives in Essex county Va. with his wife Anne. He graduated from Carnegie Mellon University in Mechanical Engineering and holds a Professional Engineer license. In addition to engineering he has studied at the Gestalt Institute of Cleveland. He is a professional blacksmith and teaches forging at VCU. His work is included in private and public collections and has been displayed in the Virginia Museum of fine arts. He has a private Engineering practice and teaches Mechanical Engineering Technology at John Tyler Community College.

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Scott Cassell
From 1882 until 1994, Mr. Cassell held the position of the Technical Services Administrator for the City of Roanoke Virginia. The Technical Services department supports the various components of the city’s networks, operating systems, the valley wide public library system, and the Roanoke City Sherriff’s office.

In 1994, he founded AXAByte a networking and training company operating as a Microsoft Certified Technical Education Center and a Prometric Testing Center. This company installed and supported computer networks and offered training on a variety of system-level software.

In 2007, he joined the Faculty of Virginia Western Community College. He teaches Java, Networking, and Database classes.

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**Carlotta Eaton**

Carlotta Eaton is a professor at New River Community College where she has taught Information Technology since 1997. She teaches classes in Game Design & Development, Web Design and Computer Science. In addition to teaching, she is currently working on the iLearn Project and the NRCC team is creating iPhone/iTouch/iPad educational games based on Virginia Standards of Learning for K-12 students. The free games are available from the Apple iPhone store by searching for “RU Games Lab”. The iLearn project is funded by an EETT Grant (Enhancing Education Through Technology) from the Virginia DOE.

Carlotta has collaborated with Dr. Matt Dunleavy from the Education department of Radford University on the iLearn project grant and other educational game initiatives since Dec 2007. The iLearn project also includes classes and teachers from Radford and Pulaski school systems.

Prior to joining NRCC, she taught Computer Science, Math and Statistics classes at Radford University for 5 years. She also worked at IBM in Research Triangle Park, NC for over 10 years in PC software development.

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**Pardha Gadiyaram**

P.S. Gadiyaram, a.k.a “Gadi” is an associate professor of math and physical sciences at Southside Virginia Community College, John. H. Daniel enjoys teaching freshman and sophomore classes in the fields of mathematics, physic and atmospheric sciences. After completion of his graduate studies at NC State University he accepted a teaching position at SVCC, completed 26 years and still going strong. Some of his former research interests are in the following fields: Applied Climatological studies; Wind tunnel simulation and Data collection, and analysis of Flow and dispersion over complex Terrain, and EPA Model(s) evaluation.

Gadi also worked as adjunct faculty at Virginia State University for 3 years, and as a Campus coordinator for USDA Funded Bridges Program between SVCC and VSU for 6 years. In addition, he has worked at Longwood University for 7 years as ESP math faculty, and worked as youth counselor in Summer Youth Employment Program to train youth in basic academic/job related skills for possible future work force.

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Alison Goforth
Alison has been a high school science teacher for 25 years. She has taught Chemistry, Earth Science, Biology, Ecology and AP Environmental Science. She currently teaches at Auburn High School in Riner, Virginia, where she has been since 2000. She lives in Riner with her husband, David and two daughters Sara and Julia. Sara is a rising senior at Auburn High and Julia will be a sophomore. Both daughters are involved in competitive swimming, so Alison's hobbies include officiating at USA swim meets. She also likes to garden and spend time at Smith Mountain Lake.

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Ruth Greene
Ruth Greene, Associate Professor of Information Systems Technology at Rappahannock Community College, Warsaw Campus. Currently she serves as the Chair of the Business Management Department and the sole full time IT faculty member. Ruth’s professional interests include faculty development, assessment and technology innovations that positively impact instruction. Her job has allowed her to fulfill a life’s dream.

Ruth earned her bachelor’s and master’s degrees as a working mom, while her husband served in the military. They returned to their home community where she has served as faculty since 1996 (adjunct until 2000). Ruth’s proudest personal accomplishments are her 26 year marriage to my high school sweetheart and her three children. Her proudest professional accomplishments are; three VCCS New Horizons Technology in Education Awards and her current duty as Chair for the VCCS Mid-Central Region’s Center for Teaching Excellence.

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Bill Jackson
Bill has been teaching a high school 3d visualization course at the Advanced Technology Center in Virginia Beach for 6 years. He also teaches 3d visualization at Tidewater Community College. He also serves in the Army Reserves. Bill enjoys spending free time with his children, gardening and attending sporting events.

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**Brian Keiling**
Brian obtained his BS in Forest Resource Management from Virginia Tech in 2002, and serves as the president of Keiling Forestry Consulting, Inc. Brian serves as the In the Fall of 2008 taught GIS, Forest Measurements and a Dendrology Lab as an adjunct faculty member for Dabney S. Lancaster. Brian serves as a member of the Forestry curriculum Advisory Board for Dabney S. Lancaster CC; chairman of the Forestry committee for the WV Land and Mineral Owners Association; member of the Society of American Foresters; and a member of the Virginia Forestry Association.

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**Patricia McKinstry**
Tish teaches Geosystems at Centreville High School in Fairfax County, VA. Her husband, Mike, is a retired Biology teacher. She has two lovely daughters, Mickey & Kat. Mickey is a senior at Lynchburg College and is a music education major. Kat will be attending West Virginia University in the fall and majoring in Fashion Merchandising. In life before children she enjoyed snorkeling in the Bahamas and gardening. Now that she will soon be an empty nester she looks forward to new adventures.

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**Necmi Mutlu**
Dr. Necmi Mutlu is currently Engineering Faculty Member at Northern Virginia Community College in Annandale, Virginia. Dr.Mutlu has published articles and reports on telecommunications, networking, and broadcasting. He incorporates electronic tools such as Blackboard and Moodle into classroom settings. Dr. Mutlu obtained his Ph.D. in Information Technology and Engineering from George Mason University and his M.S. in Electrical Engineering from Bogazici University in Istanbul, Turkey.

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**Safianu Rabiu**
Safianu received his PhD in Ecological Sciences at Old Dominion University, and currently serves as a professor in Biological/Ecological Sciences at Paul D. Camp Community College in Franklin, VA. Previously, Safianu was a Lecturer at Bayero University in Kano, Nigeria. He was employed by the Ministry of Agriculture, Kano Nigeria. Safianu also served as the Volunteer Secretary, Afforestation Working Group, Nigeria Conservation Foundation. Safianu’s Academic Interests include: Integrated Pest Management; Spatial Analysis and Human Development; and Ecology and Agroforestry. He is married with children and enjoys traveling.

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**Terry Rooker**
Terry is a professor at Germanna Community College. He teaches IT and computer science. He is also an adjunct in CIS. Curiously, he was exposed to most of the technology that makes up GIS in older formats, such as the original SATNAV system rather than GPS. He coaches a youth soccer team that has won the league championship 3 of the last 4 seasons. Not to be outdone in the geeky hobbies he has done simulation (non-computer) gaming for 40 years and also does amateur cryptography.

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**Susie Shomo**
A Shenandoah Valley native, Susie Shomo was raised on her family dairy farm at the foot of Massanutten Mt., and considers herself a “highly-educated redneck woman”. After grad school, she returned home to teach at James Madison University, and then settled in as a high school teacher in Rockingham County Public Schools for 22 years. Currently, Susie is happy to be teaching Geology and Earth Science full-time at Blue Ridge Community College. Beyond teaching, gardening is her major past time. She is well-known for her flower container creations and her large water garden. Susie’s farm duties include bookkeeping, mowing, and some milking. In her “spare” time, Susie is immersed in the world of gemstones.

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Veronica Spradlin
Veronica is an instructor at Botetourt Technical Education Center where she teaches drafting and geospatial technology. Veronica was previously employed by Virginia Tech and worked in the departments of Physical Plant and CNS. She has her Bachelor of Science in Building Construction and her Master’s in Technology Education both from Virginia Tech. In her spare time, Veronica volunteers with Habitat for Humanity of the Roanoke Valley, and works on building projects at home. Veronica enjoys traveling, but has always loved Blacksburg the most! She recently finished construction on her new home, and is now living there with her wonderful husband, beautiful 4 year old daughter, and handsome 2 year old son.

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Sandy Stephenson
Sandy is a professor at Southwest Virginia Community College in Richlands, Virginia. Sandy has taught computer programming and related courses for 26 years in the Information Systems Technology program at SWCC. She is a lifelong resident of southwest Virginia. Sandy has been married to Scott Stephenson for 35 years and they enjoy walking in the woods with their golden retrievers, gardening and boating. Before teaching at SWCC, Sandy worked as a programmer analyst for mining equipment manufacturers in southwest Virginia.

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Robert Tureman
Robert L. Tureman teaches Information Systems and Computer Science for Paul D. Camp Community College. He joined the college in 1983. He holds the Master of Science and Bachelor of Science degrees in Computer Science, both from Old Dominion University. He was named a Chancellor's Commonwealth Professor for the VCCS for 1991-1993. He has been a summer faculty fellow in the ASEE fellowship program at NASA's Langley Research Center. He has completed numerous grant funded projects and published several papers. His computing interests include web searching, cluster computing, software engineering, computer science education and software productivity.

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**Geoff Widman**
Geoff is a teacher at Matoaca High School in Chesterfield VA. He teaches engineering, Architecture and Animation. He is originally from California brought to us by the Navy to Virginia. He has been teaching for the past seven years in High schools in the state. He is also teaching at John Tyler Community College.

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**William Wyatt**
William is Professor of Drafting at John Tyler Community College. He is the program head for the Building Construction and Architectural Engineering Technology programs at John Tyler. He is the author of Accessing AutoCAD Architecture by Cengage publishers. He performs quality assurance testing for Autodesk and teacher training for Autodesk products in Virginia. In addition William is a Co Principal Investigator for the Geospatial Technician Education Through Virginia Community Colleges.

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