MCSP TIMES

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Assistants Please

This issue of *MCSP* Times has a theme of family and community. These are strengths of the MCSP department, and Roanoke College in general.

April Raab, Derek LaFever, and Phillip Barbolla play vital roles in the MCSP community through their work as lab assistants. They have found important lessons in leadership and collegiality that they will benefit from long after the joys and frustrations of their assistant duties have faded away.

April is a sophomore physics major from Colorado. Her job as physics lab assistant came when Dr. Robb asked if anyone in his Physics 190 class was interested. April, who was looking for a supplement to her work with Admissions, got the job. She sets up the equipment for labs, testing everything and making notes on possible problems. If you have an image of inclined planes and meter sticks in your mind, you need to upgrade to high-tech data collection with motion sensors and various probes that were alien to the Physics lab of the past. April sees benefit as a student in her increased knowledge of experimental physics, and the confidence that she can troubleshoot her own work. She is impressed with how much the professors care about lab. Her goal is to go to veterinary school, possibly at Colorado State.

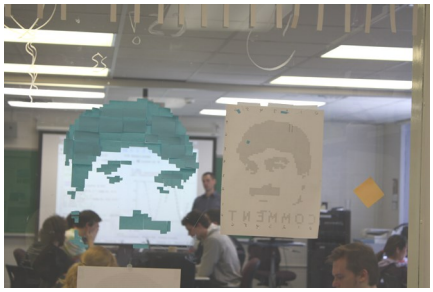
Derek is a junior computer science major. As a computer science lab assistant for multiple courses, he is in constant contact with students, answering questions about assignments, programming, and life in general. More than just searching for the loco parenthesis, Derek helps keep the students on task and energized. He was inspired by the assistants who helped him in his intro classes, and sees some of his current students wanting to follow in his footsteps. The connections between seniors and freshmen help build community in a major in which group work on extended projects is vital. Derek's reward is not in the pay, as his time in lab extends far beyond the official hours for lab. He loves seeing the next group of computer science students get excited about the products of hard work. His future plans include graduate school in computer science and, perhaps, teaching.

Phillip is a senior mathematics major. He was recruited to be a calculus lab assistant, with his interest in becoming more involved in the department overcoming the pain of being alert for lab at 8:30 in the morning. His background in subject tutoring made him well prepared to field questions in class. His role is not to hand out answers, but to give hints to get the students to find the answers for themselves. The use of Mathematica software with the labs means that he gets questions about programming syntax and software incompatibilities along with questions about infinite series and vectors. Phillip enjoys the challenge of coming up with alternative explanations for students who are approaching the problems in unusual ways. The flexible thinking entailed benefits him in all of his classes. His future includes graduate school and work that involves learning and explaining (but probably not teaching).

April, Derek, and Phillip do important work to make our classes happen. In doing so, they claim full membership in the MCSP department, a goal that we have for all of our students.

MCSP ROCKS!

Faculty Profile: Dr. Anil Shende

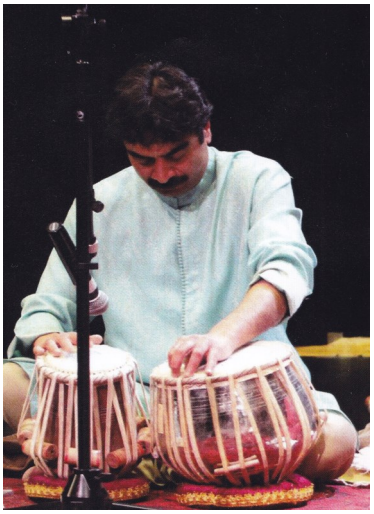


Anil Shende is the face of computer science at Roanoke College. Literally, a caricature of his face oversees the computer lab. Figuratively, he is the head of a computer science program that emphasizes student research. This is the computer science culture that he and his friend and colleague Jane Ingram created. It has resulted in recognition from *Princeton Reviews* with real results such as the recent acceptance of a talk and poster by students Thomas Lux, Randall Pittman, and Maya Shende at the Workshop on Big Data Analytics at the ACM International Conference on Computing Frontiers in Como, Italy.

Anil grew up in India. His father was a civil engineer and was on the road much of Anil's childhood, which was spent with his grandparents. He then went to "junior college" (think excellent high school) in Pune, and on to a top college in Pilani. The 6-hour trip between Delhi and Pilani was made on top of a bus or train. He met his wife Susheela in Pilani. At the insistence of Susheela's parents, they were married before Anil came to the United States for graduate school. This led to two years of long-distance marriage in pre-cell phone days. Long-distance meant arranging for a time to call, then Susheela waiting 45 minutes or so in a post office in Pilani for the call to be put through. Anil came to graduate school in Buffalo due to an interest in its artificial intelligence program. His intention to return to India was nullified by his Dad, who was nervous about the political and economic situation in India. So Susheela came to the United States. Life has been good in Roanoke for Anil, Susheela (who is Director of the Engineering Center at Burton Center for Arts and Technology) and their daughter Maya.

While it is not clear which beer Anil favors, he may be the Most Interesting Man in the department. He was talented enough at cricket, the national sport of India, to be invited to the coaching camp for the national U17 team. In school, he played competitively in cricket, field hockey, table tennis, badminton, and volleyball. He picked up squash in the United States. His daily schedule in 11th grade was up at 6 for field hockey practice, then on to cricket practice, then classes, then German lessons (just because), then table tennis, then tabla lessons, then home at 8 or so. On some days, there would be a 3-hour music concert (he was president of the music club for two years). All travel back and forth was done by bicycle. "Tabla" was slipped in there: that is a percussion instrument common in India, played with the hands. Despite his grandparents' discouragement (drumming is not academic), he was constantly drumming on windowsills and tables. His dad, who had received the same discouragement, set Anil up with tabla lessons. You can see and hear Anil on the tabla at Roanoke College's Diwali celebration. Which he probably will drive to on his motorcycle, having picked up a bike habit in India and Italy. And then there's the patent that he holds with former Governor Mark Warner. This came from work with VFIC making an online test so that schools like Roanoke, too small for most companies to visit, can certify their students as worthy job candidates for various companies.

Anil's life is full of challenges met. This is the culture that he promotes in computer science, facing all challenges with a focus on strong academics and plenty of time for pursuing fun.



Anil playing the Tabla at a recent Diwali celebration

"Anil Shende is the face of computer science at Roanoke College."

Student Profile: Maya Shende

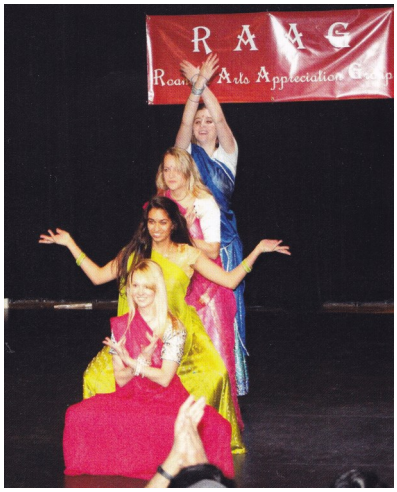
Going into the family business: an old-fashioned idea that may sound a bit stifling, or unambitious, or sinister (if you've seen too many episodes of *The Sopranos*). Maya Shende says that her family's business is education, and she enthusiastically adapts the family business to her interests. Her ambitious and highly individual path includes (so far) three majors, the Honors Program, a prestigious summer REU, and induction into Phi Beta Kappa.

Maya grew up at Roanoke College, spending many after-school hours with her Dad (computer science professor Anil Shende) and other members of the MCSP department. A year at VCU showed her the importance of family. Homesick, she returned to her parents and the friendly professors in Trexler Hall.

The short version of Maya's time at Roanoke College is a listing of her many accomplishments. A triple major in computer science, physics, and mathematics. (Steve Garren, who is seen on page 6, may be the only other one to do the Trexler triple.) Two outstanding summer research projects, one with physics professor Dan Robb and his wife Natalia and the other an REU with a research group out of UC Davis. Phi Beta Kappa plus an alphabet soup of organizations like PME, UPE, and SPS (the honor societies for math, computer science, and physics). The most recent accomplishment is having a paper with Randall Pittman and Thomas Lux accepted to a machine-learning conference in Italy

The long version is more interesting. Being the daughter of one of your professors brings numerous challenges. Although both Maya and Anil were comfortable with compartmentalizing their faculty/student and father/daughter roles, Maya also faced taking classes from other professors who remember her being in diapers. And there is the added dimension of how other students will react. Maya is pleased and grateful that most students have accepted her for who she is. With some pride, she talks of her Dad not treating her like another student so much as embracing the other students like his children. Overall, Roanoke has been a great place for her. She recognizes that undergraduate education is less about knowledge obtained and more about becoming prepared to learn what you will need to learn. She has launched a project that will give back to the community and also show students how strong Roanoke College is academically. The STEM Tutoring Club will bring local high school students to Trexler Hall to get help in coursework and also to experience the Roanoke College community.

Maya's non-academic interests include Bollywood dancing. She was able to compete with the VCU team, and has started a small group of dancers at Roanoke who perform during the college's Diwali Festival of Lights celebrations and other festivals. Her Indian heritage is an important aspect of family for Maya. She visits family in India regularly, and notes small differences in culture from other Roanoke College students. For example, when Mom cooks dinner Maya is going to be home sharing the meal; family is a high priority.



Maya is hoping to make a career in computational biomedical research, an ambition that dates back to a high school internship. Graduate school is the next stop, and she feels well prepared by her three majors for the challenges of cutting-edge research. A dream job might be at a place like DARPA that specializes in robotics and prosthetics. Wherever she ends up, she will be a great example of someone going into the family business.

> "*Maya Shende says that her family's business is education, and she enthusiastically adapts the family business to her interests*"

Natural Blogs

Visit our blog at mcsp.pages.roanoke.edu for stories about MCSP students and faculty at work and play. Longer versions of the following can be found there, along with many other stories.

We're on the web!
mcsp.pages.roanoke.edu

Stat Crew

The Roanoke Maroon Stat Crew is a group of students, currently ten strong, who collect and analyze data for Roanoke athletics teams. Crew members are a diverse group from freshmen to seniors, with six different majors. In its first year, the Crew supplied soccer, basketball, and lacrosse coaches with passing charts, shot charts, and other measures of team and individual effectiveness. The soccer coaches and players could see patterns of successful and unsuccessful passes. Basketball coaches could see where shots were being taken and made, and which groups of players were performing the best together offensively and defensively. Lacrosse coaches also see the locations of shots made and missed. The Crew is sponsored by faculty members Roland Minton and Adam Childers. Hopes for the future are to get the Crew established as a student organization, and to continue the dialog between Crew and coaches to make the information provided as useful to the teams as possible.

Computer Science Student Success

Roanoke College hosted the Consortium for Computing Sciences in College (CCSC) Southeastern regional conference in October, 2015. And our students had great CCSC success! Natalie Wilkinson and Derek LaFever took first and second place in the student research competition. Natalie presented work on music recognition (think of a computer reading sheet music) and Derek presented his work on fatigue and concentration while playing video games. Natalie teamed with Thomas Lux and Randall Pittman to win the programming contest. The team solved 7 of 8 very difficult problems. Congratulations to the Computer Science faculty and staff who put on the conference, and to the students for their outstanding performance.

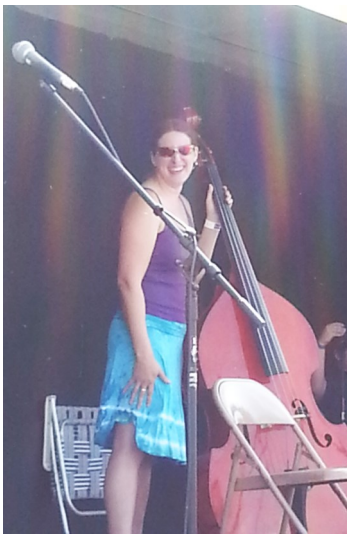
Math and Art

The students in Jan Minton's Honors: Mathematics and Art class, created a gallery of their work in the Honors classroom in New Hall. The gallery, titled Upcycled Theorems, recreates some of the work of Crockett Johnson that illustrates mathematical results. The piece shown here illustrates a clever construction of square roots; in particular, the height of the segment at the red/blue border equals the square root of 2. The class explores a variety of connections between mathematics and art, including M.C. Escher's work, fractals, and expressions of the nature of mathematics and art (both of which elevate originality and creativity). Upcycled Theorems joins the modular arithmetic display in the east stairwell of Trexler as mathematically beautiful additions to the Roanoke campus.

Physics and Soccer

Physics gives explanations for how and why David Beckham can bend soccer kicks. Whether that is relevant or not, there were four Physics majors starting for this year's Roanoke soccer teams, two each on the men's and women's teams. Both goalies, Sarah Dvorak and Cole Sinclair, and field players Linnea Kremer and Dio Beck are Physics majors. Several members of the Physics group came out on a chilly October day to support their colleagues with cheers and Linnea and Sarah sticks. The Physics group is growing, and has a strong presence on campus. In addition to the soccer quartet, Joey Miller started for the basketball team, Amanda Wright, Maya Shende and Taylor Ferebee headed student organizations, Hanna Lyle and others did nice community outreach projects, and the list goes on. Great work by the Physics group!

A Side of Biscuits



Spoiler alert! Plot twists in this article include (1) a mathematician whose main hobby is … music; (2) a classically trained pianist who plays … upright bass in a bluegrass band; (3) a musician whose grand ambition for her band is to play … tiny venues once a week for the rest of her life. All of these plot twists are named Hannah Robbins.

Hannah is a mathematics professor who plays in the band Flaky Biscuits; other Trexler Hall members of the band are Mark and Luke Poore. The group started out as a contra dance band. One day in practice they started singing songs, and their repertoire has expanded rapidly into many forms of traditional American and Irish music.

For Hannah, the music is an escape, but not from mathematics per se. Music and math actually have much in common, as Hannah will explore in an upcoming May term course with music professor Gordon Marsh on the Music of Appalachia. Music gets Hannah into a non-intellectual place of meditation, and connects her to her childhood listening to and then playing in her Dad's band. Dad was a violin player turned fiddle player, and when she got old enough Hannah started playing piano with the band. She became a bass player by necessity when the group's bass player moved away, and found that the rhythm role of the bass (putting the tempo brakes on the runaway fiddle player) suits her.

Music has been at the center of her life for as long as she can remember, with piano lessons and choir turning into musicals (her favorite being, wait for it, *The Best Little Whorehouse in Texas*) and an a cappella group that gave her high school valedictory "speech." The graduation song, by the way, was "With a Little Help From My Friends" and anyone who has seen the Flaky Biscuits can vouch for the fact that Hannah sings better than Ringo. Reed College found her playing the harpsichord in a baroque ensemble, and then a postdoc at Wake Forest included a traditional old time band singing some gospel and playing some jug band music (but no bluegrass).

The focus of her May term course is the rich, ongoing musical heritage of southwestern Virginia. She is excited to show students that this music *is* (not *was*) vibrant. The music has allowed her to meet and enjoy wonderful people with whom she has little else in common. She smiles, they invite her to sit in with them, and they have a great time, oblivious to the political and cultural issues that could quickly divide them. Festivals in Floyd and Galax draw musicians from around the world. A highlight of a recent Galax convention was listening to a group of Australians. Her ideal future is for the Flaky Biscuits' collection of professors, IT people, orthodontists, and others to continue playing for fun.

Hannah's students know her as an enthusiastic, fun, and highly analytical mathematician. She loves the abstractions and connections among diverse mathematical entities. Her band mates know her as an enthusiastic, fun, and knowledgeable musician. She loves the connections among diverse people. And so she will keep jammin' with the Biscuits.

Alumnus Profile: Ken Garren, a Legacy of Education

Ken Garren, the President of Lynchburg College, has deep roots at Roanoke College. His story is one of seizing opportunities and advancing education.

Ken grew up in Roanoke and graduated from William Fleming High School. He made the most of an opportunity for a college education at Roanoke. He married his sweetheart Sheila and ran track for Homer Bast, who became a great mentor and friend. A double major, Ken earned high grades in physics, but believed he understood mathematics better. An outstanding score on the GRE math exam affirmed his mathematics ability. He took a job with NASA upon graduating in 1962, and worked on the Apollo program while getting a Ph.D. in mathematics from Virginia Tech. In 1967, a Roanoke mathematics professor left suddenly, and a chance meeting with then-chair Ron Walpole ended with Ken taking a one-year position. Despite the large pay cut, Ken's one year position lasted for 34 at Roanoke.

Ken's fingerprints are all over mathematics education in the Roanoke area. As the only Ph.D. mathematician on the Roanoke faculty (Walpole and others were statisticians), Ken took possession of the upper level mathematics courses and founded a chapter of the mathematics honor society, Pi Mu Epsilon. Thanks to Ken, Roanoke is proud to be the "delta" chapter of Virginia, the fourth chapter in the state, for both Pi Mu Epsilon and Alpha Chi. Over time, Ken's focus shifted toward lower level courses. Accordingly, he helped found the Blue Ridge Council of Teachers of Mathematics, a joint venture with local high school teachers associated with the Virginia Council of Teachers of Mathematics (which honored Ken with one of its first outstanding teacher awards). Along with teaching 5-6 courses per semester (4 at Roanoke plus extension courses for Virginia and Virginia Tech), Ken hosted a local television show. Airing on PBS right after Mr. Rogers, Ken's show on the history of mathematics featured snazzy multi-layered overhead transparencies and special guests such as Herta Freitag.

The Garren Family

Ken's next opportunity came when he was asked to fill in as Associate Dean. He took up the challenge, and his excellent work for nine years led to him being named Dean. During this time, Ken and Sheila's three children made their mark at Roanoke. All three graduated from Roanoke, went on to earn doctorates, and entered the education field. David double majored in physics and mathematics (with a concentration in computer science), got a Ph.D. in physics at William & Mary, and is now a professor at the Naval Postgraduate School. Steve triple-majored in mathematics, physics, and the hybrid major statistics/computer science, went on to a Ph.D. in statistics from North Carolina, and is a professor of statistics at James Madison University. Kristi majored in psychology (every family has a rebel), earned an Ed.D. from Virginia Tech, and is a counselor at Salem High School.

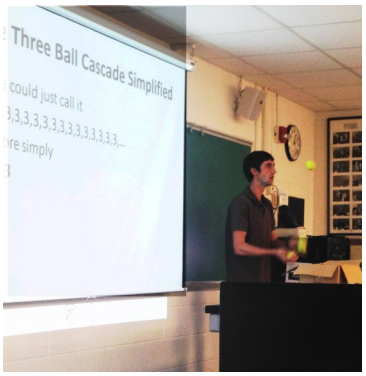
Ken Garren in India with Nobel Peace Prize Winner Kailash Satyarthi

As Ken contemplated retirement, the President's job at Lynchburg College opened up. Fifteen years later, Ken is going strong energizing Lynchburg and serving as an advocate for all liberal arts colleges. He received the Roanoke College Medal, the highest honor the college can bestow on an alumnus, in 2014, as well as a national leadership and service award from the Council of Independent Colleges in 2015. Ken was recently quoted in a *Wall Street Journal* article as a national spokesman opposing a government initiative that would negatively impact schools like Lynchburg and Roanoke. And so the Garren legacy of education continues, through Ken and his children and the many people he has influenced.

MCSP at Work and Play

Checking a student's face for perfect proportions in a Calculus lab

Dr. Dan Robb resting comfortably on a bed of nails at Family Weekend



Adam Childers juggles for Math Club

Dave Taylor and Bud Brown at an MAA meeting at Roanoke

Mathematicians atop the Space Needle in Seattle

The founding of Roanoke's chapter of the Upsilon Pi Epsilon Honor Society

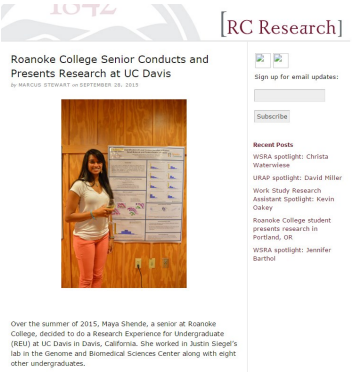
Playing cards at department tea

Scotty Smith performs a magic trick for Family Weekend

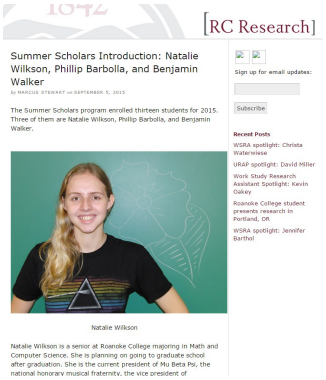
Message from the Chair: Dr. David Taylor

As always, welcome to this year's edition of the *MCSP Times*! The theme of this year's newsletter is family and community; this reflects what happens around the department each and every day. Students are together with other students, working on homework, tackling difficult assignments, planning outreach events, and simply enjoying each other's company. Faculty members are in the officers of other faculty members discussing how their classes are going, coming up with innovative ideas to employ in the classroom. Most important, I feel, is that students are among faculty members, either in our lounges or in our offices, discussing more than just how to do the latest homework assignment. I would say we are keeping our students engaged in more than just classroom academics, but I feel it would be more accurate to say that the *students* are keeping *us* engaged outside of the classroom, and we are loving every minute of it! Our department fosters an environment where the student to faculty relationship is more than just what happens in the classroom, and this is what keeps us excited each and every day to be hanging out in Trexler Hall. We have students attending a mathematics and sports conference this year, a team of students in computer science presenting a paper at a conference in Italy based on some work they started in a special topics course last fall, and we have a pair of physics students poised to do research away from campus this summer (in Germany and at Coastal Carolina University)! Things are going very well for the Department of Mathematics, Computer Science, and Physics here, and we are looking very forward to the future. For now, I wish the best for you, your families, and your friends for the coming year!

MCSP in the News

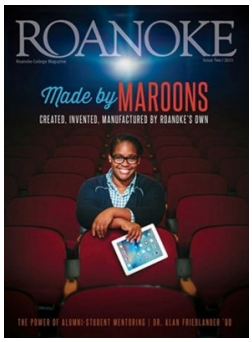


Maya Shende Research



Natalie Wilkinson Research

Community Math and Art Project



Taylor Ferebee on the cover of Roanoke Magazine

Maggie Rahmoeller at Salem Food Pantry on Pi Day

Dio Beck's Research

Alumni News

If you are missing from this list or are misrepresented, please get in touch with us!

Adam Gray works at Lash Group – AmerisourceBergen Consulting Services in Charlotte.
Adam Peters is a Mathematics teacher at Franklin County High School.
Alan Moore teaches Mathematics and coaches baseball at Cave Spring High School.
Aleah Dillon is Lead Developer at Company Confidential.
Alex Moore teaches Mathematics at Community School in Roanoke.
Amanda Coughlin in the MS program in Statistics at Virginia Tech.
Amanda Rogers Hamilton teaches Mathematics at Hidden Valley High School.
Anibal Avalos is a Mathematics teacher at Dominion High School in Loudon County.
April Saul is a graduate student in Mathematics at Virginia Tech.
Ashley Francis Dennie is an Operations Research analyst at the Department of Defense.
Ashley Rowe MacFarlane is a Reliability Engineer for ManTech, supporting the U.S. Army Test and Evaluation Command.
Avery Makel is a researcher at Thermatorque, Inc.
Billy Scott is Senior Software Engineer at Amplify Education.
Blaire Conner teaches Mathematics at Liberty High School in Fauquier County, Virginia.
Blake MacKeen is Audit Manager at Grant Thornton LLP in Charlotte.
Bonnie Gumpman is a Receivables Analyst at Scott Insurance.
Brandon Shelton is a Web Interface Developer for Robertson Marketing.
Brian Sheppard is a senior data analyst for First Data in Delaware.
Britney Barrett Conrad works for CMR Institute.
Brittany Shelby works for HarbourVest Partners.
Cam Cassady teaches Mathematics at Benedictine College Prep School.
Casey Gearheart Turner works for the Army and lives in Maryland.
Chad White is back in the Roanoke Valley after several years abroad doing missionary work. Chad works for ABS Technology Architects and lives in Vinton with his wife Leslie and three kids.
Charles Cooley is a Computer Science professor at Eastern Mennonite University.
Chris Assaid is Senior Principal Scientist at Merck Research Labs.
Chris Rosa is a Branch Manager for Enterprise Holdings.
Christian Doyle works for the United States Naval Research Laboratory in Washington, DC.
Colleen Hayes is an Actuarial Consultant for MetLife.
Connie Baker Jones is a lawyer with Finnegan, Henderson, Farabow, Garrett & Dunner in Atlanta.
Dana Bowles Dishman teaches Mathematics at William Byrd High School.
Danny McNamara teaches Mathematics at King George High School.
David Crush is a web developer at ESPN.
David Hill is Management Consulting Senior Manager at Accenture.
David Myer teaches Mathematics at Porter-Gaud School in Charleston, SC.
Dawn Hakkenberg teaches Mathematics at Patrick Henry High School.
Doug Divers teaches Mathematics at the Roanoke Governor's School for Science and Technology.
Drew Fleming is a software developer at CGI.
Dumar Daniel is mobile web applications engineer at Clarity Innovation.
Ed Hrinya works for The Advancement Foundation writing grants.
Emily Wooge is Special Projects Manager at Roanoke Gas Company.
Frank Clayton is a manager at Community Health Systems in Tennessee.

Alumni News (Continued)

Geoff Boyer teaches Mathematics and coaches volleyball in Craig County. He is the "Voice of the Rockets" at athletic events.
Greg Fielder works for Affinity Consulting.
Hampton Smith is in the PhD program in Computer Science at Clemson University.
Heather Thompson Kluge is an IT support specialist for Roanoke County.
Helen Hancock teaches Mathematics at Hidden Valley High School.
Jack Gerdeman is an economics/business analyst at Mitre Corporation.
Jake Bennett is in a Physics postdoc position at Carnegie Mellon University.
James Kohlhaas works for Datatel near DC.
James Pennix is Dean of Admissions at Radford University.
Jared Anthony is an application developer for the City of Roanoke.
Jared Hall works for KRC Research.
Jarret Longenecker is a Production Analyst at Sayres and Associates.
Jason Carlin works for IBM's Advanced Analytics and Optimization group.
Jason Turbyfill works for Datatel.
Jen Baker is an underwriter for ACE group.
Jennifer Jennings Shannon teaches Mathematics at Salem High School.
Jennifer Rose Staten is a financial analyst in Suffolk, Virginia.
Jennings Logan is an accountant with Exelis.
Jessica Young Schmidt is a Teaching Assistant Professor at NC State.
Jimmy Winterer teaches Physics at Cave Spring High School.
John Paul Roop is a Mathematics professor at North Carolina A&T.
Jon Anthony is in Information Technology at Norfolk Southern.
Jon Marino is in graduate school in Mathematics at Virginia Tech.
Julie Critchfield Moore works for Fayette County Public Schools in Kentucky.
Justyn Dooley is a Software Engineer at Phoenix Integration.
Karen Consiglio is employed by Jacobs Engineering and works on the Dulles Corridor Metrorail Project for the Metropolitan Washington Airports Authority.
Kat Jansen works for Praecipio Consulting.
Katie Thornton is a statistician at Eastman Chemicals.
Katrina Palmer is a Mathematics professor at Appalachian State University.
Kayla Lynch is an underwriter for Hanover Insurance.
Keith Corey is a Programmer at OneBeacon Insurance.
Kelly Beeman founded the comedy sketch group The Uncomfortables.
Ken Baile is an Engineer with the Department of the Navy.
Ken Sine works for Yokohama.
Kim Knorr Sheppard is a Statistics professor at Cecil College.
Kim Thomas Emory teaches Mathematics at William Fleming High School.
Kimberly Schlitt Ciccarelli is a business analyst with Honeywell International.
Krista Pickle works at Acadian Asset Management.
Kyle Allen is a tennis professional in Roanoke.
Laura Beth Viventi-Collins works for the Naval Surface Warfare Center.
Laura Cassels Clinger earned her PhD in Material Sciences and Engineering and works for DuPont.
Lindsay Van Leir is a clinical analyst for the state of Vermont's Dept of Health.
Lisa Brookshier teaches Mathematics at Glenvar High School.
Lisa Meyer is Director of Business Affairs & Digital Media at Main Events.
Lizzi Ciskowski teaches Mathematics at Trinity High School.
Lizzie Franz teaches Mathematics at Cave Spring Middle School.

Alumni News (Continued)

Marcy Conner works for Softwise.
Maria Cupples Hudson is a programmer for Mathematica Policy Research in DC.
Mark Lucas is a software developer for Integrated Imaging in Roanoke.
Mat Miller is a graduate student in Applied Physics at Johns Hopkins University.
Matt Troutman finished a Michelson Fellowship in the PhD program in Astrophysics at Clemson University.
Matthew Browning teaches Mathematics at Lord Botetourt High School.
Matthew Carr is a technician at Citizens.
Matthew Schottmiller is an attorney in Roanoke.
Melissa McCorkle Cook teaches Mathematics at Andrew Lewis Middle School.
Michael Kluge works in IT for Roanoke College.
Michael Rawlings is owner and architect at Embark Web Solutions.
Michael Stark is a Project Engineer at Gilbane Building Company.
Natalie Horvath works for HyperGen Inc.
Nick Guendel teaches Physics.
Pam Armata Schweighart is a biostatistical research analyst for Blue Cross of Tennessee.
Patrick McCleary is a statistical analysis manager at Capital One.
Patrick McDonough is an Underwriter for The Hartford.
Perry Hardin teaches Mathematics at Rockbridge High School.
Philippe Moore works at Tenable Network Security.
Reid Hall works in Athletics at Dartmouth College.
Richard Goeres is studying at Lutheran Theological Southern Seminary in Columbia, SC.
Rink Pingry is the owner of Gremlin Games.
Samantha Frost works for Burton Energy Group in Atlanta.
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