Welcome to the Department of Computer Science. I am happy to report this year we have had a significant increase of undergraduate as well as graduate applications. Computer Science happens to have the second-highest number of incoming undergraduates among all departments in our academic division for fall 2015. Our graduate program has also seen a significant increase in the number of students and applications for spring 2016. Efforts are currently under way to create new partnerships with universities in other countries in order to further increase the undergraduate and graduate enrollment in the department.

Our ABET-accredited Bachelor of Science program in Computer Science will undergo the re-accreditation process next year. We have been keeping our program relevant by going through curricular evolution and student outcomes evaluation. In spring 2016, we will be offering two new courses which have been requested in the past by our students and other constituents. One is an undergraduate computer science education (service) course, primarily intended for non-majors in the University; the other, entitled Mobile Android App Design, is a new course which will be offered at both undergraduate and graduate levels.

Our students and faculty continue to be involved in research. Last year, graduate student Andrew Linton performed one year of research in the area of Artificial Intelligence and Evolutionary Programming. His work resulted in a scholarly paper that has been submitted to an international journal in the field. Over the summer, two of our graduate students, Ather Sharif and Shengqi Gong, performed research in the area of Web Accessibility. They presented their paper at a prestigious conference in Pittsburgh at the end of September. One of our undergraduates, Jimson Mathew (a senior), is currently performing a year-long, honors research in the area of computer security, artificial intelligence, and bioinformatics.

Our students have been excelling outside the classroom as well. A group of our undergraduate students and their graduate mentor, Ather Sharif, participated in Philly’s first-ever Hackathon on Web Accessibility. Our undergraduate students continue to participate in ACM’s International Collegiate Programming Contest, which is held every November. Last year, three teams represented the department in this contest which was attended by teams from many universities and colleges in the Northwest Division. This year, our students are preparing and we are all looking forward to their participation in this event. Many thanks to Mrs. Mary Kruger, their mentor and coach, and to our Computer Science Club officers who help the department recruit contestants for this event. Last month, graduate student Ather Sharif won the audience choice award at the annual Web for All Conference, an international conference for web accessibility. This conference was held in Florence, Italy. Ather’s winning project was a jQuery plugin that helps the visually impaired read graphs the way sighted people do.

Many of our students gained work experience over the summer by interning for technical companies in the area while earning credit. Last summer, a number of our undergraduate, as well as graduate, students interned at companies such as: SAP, Lockheed Martin, Harmelin Media, Star Group, Vanguard, Arris Group, etc. Our students all agree that this is a perfect way to complement the education they receive in the classroom and to gain experience developing professionally in a real-world environment.
We welcome two new Faculty members to the department. Mr. Michael Chu has been hired as a Visiting Assistant Professor and specializes in Information Technology. Dr. Nadeem Shahzad has been hired as an Adjunct and specializes in Educational/Information Technology.

Best wishes to Dr. Betul Atalay, who now resides in Turkey. She will be greatly missed by the students, staff, and faculty.

Dr. Köknar-Tezel traveled from Florida to visit and attend the department’s Welcome Back Celebration on September 10th!

We welcome Lauren Bressi ('16) and Madeline Yeakey ('19) to the department! They have been hired as work-study Office Assistants for the academic year.

Graduate Computer Science: Effective Fall 2016, a new Cyber Security Concentration will replace the Information Sciences Concentration. We will soon begin a national search looking for a new faculty with expertise in this field.

The ABET reaccreditation process begins at the end of the semester.

The MS Computer Science Program will soon be recognized as a STEM designated program.

A new course, Mobile Android App Design, will be offered in Spring 2016. This course will be offered to both graduate and undergraduate students who have taken the appropriate pre-requisites.

The Computer Science Club is looking forward to a spectacular semester filled with plenty of events. This includes a movie night, where The Imitation Game, starring Benedict Cumberbatch, will be played. Additionally, we are continuing the Computer Buddies program with the Wynnefield Free Library where students will volunteer some of their time to help library patrons with basic skills on the computer.

We are also working with the department to set up a mentoring system for underclassmen so that they may go to upperclassmen for help with work.

We are very excited about the coming semester and many more to come.

Brendan Szefinski
President, Computer Science Club
Edith Castro-Granja (BlueGolf, LLC; Wayne PA)
I acted in the capacity of a software developer, business analyst, and software tester. Along with my vast work experiences, I brought formal knowledge in software development and database management to BlueGolf. I was able to leverage existing strengths and gain experience, particularly in software development. I obtained practical skills in both structured and object oriented programming languages. I also proposed recommendations for enhancing the functionality of those programs, as well as the design of the application interface. As time progressed, I became a reliable member of the software development team and had opportunities to be more hands-on in the development of java.

One of the areas in which I excelled is business process analysis. I gathered requirements from the staff and developed solutions to meet those requirements. Working at BlueGolf as an Intern was an enriching experience. Some of the lessons I have learned include navigating various areas in a software development company and brainstorming and implementing solutions to programming issues with colleagues. It has also given me strong appreciation for people who work in the technology industry. I feel confident in pursuing a full-time position when I complete my M.S. in Computer Science this December.

Elham Jaffar (Saudi Aramco Company; Saudi Arabia)
I chose to do my internship in my country because I plan to work there after graduation. In addition, as a Saudi person, I believe that the internship in a petroleum company was a great opportunity for me to get new experience from an IT perspective.

My internship allowed me to work as an application developer full time for eight weeks in the Geospatial Information Technology Unit under the Geomatics Service Division in the Saudi Aramco Dhahran branch.

(continued…)

Fatmah Alafari (Drexel Library; St. Joseph’s University)
I worked as a web development intern, specifically in the library Systems Department. During my internship, my main responsibility was developing and maintaining some of the library webpages. Thus, I worked on various projects and learned how to use different techniques and tools to accomplish the different tasks.

The first project I worked on was designing two responsive SVG web banners for the Library Catalog and iLL webpages by using Adobe Illustrator software to generate the SVG image, which is the perfect image format to avoid resolution and pixilation problems. In addition, I learned about Bootstrap tool and designed two responsive webpages in which I used the bootstrap’s Scroll-Spy plugin for the Tech_Stud_Guide webpage, and Bootstrap’s responsive Tab for Computer_Lab_and_Classroom_Info webpage. I also used some of CSS3 properties to customize the style of the two designs. I worked on AngularJS for the first time, in which I created an Instant Search for the Print_Microform_Journals webpage. In this project, I had the chance to learn about AngularJS filters, directives and many other main concepts. Thus, I was able to write my customized search filter. Moreover, I used JSON for data exchange in that webpage in which I needed to convert old data from HTML to JSON. Another project that I worked on was developing the library Staff webpage, in which I used jQuery UI library, JavaScript and CSS3 to design an interactive accordion menu that contains the staff images and information. In this project, I wrote my own accordion function since my script file has less size than the built in accordion script file. Also, I experienced working on a backend development application in which I uploaded the new design of the Staff webpage on the university server using Cascade CMS. Lastly, I learned how to use WordPress, which is probably the easiest and most powerful website CMS tool today.

In summary, I highly recommend having an internship to every Computer Science student because it is a perfect way to gain confidence in your abilities and to learn your strengths and weaknesses in order to develop yourself. In addition, an internship can be a big step toward getting a job, especially from the company from which you had an internship. This happened to me and many other intern students.
I developed two different types of applications for use in an integrated system. First, I developed a GPS Navigation Map Online Request, which is a web application that allows Aramco employees to request GPS Navigation Map Products online and get what they need as fast as possible. Second, I developed a GPS Navigation Map Tracking System, a Windows-based application, for the Data management Group in GSD to execute customer requests in order and avoid customer complaints regarding waiting.

In addition to these applications, I built one database for two systems to retrieve and track information requests from the web application by using the Windows application. I have incorporated two of Aramco’s web services - the Human Resources System and the Approval Authority Engine. The Human Resources System retrieves the requesters information once he/she opens the online application. The Approval Authority Engine automates the approval workflows through the company SAP system. Some people may ask me why I chose to build the first system as a web application and the second system as a Windows application. The answer is that the request should be an online application to give Aramco’s employees ease in accessing and requesting the GSD products; however, the tracking system will be used locally in GSITu, so it would be installed in a specific number of devices. I used C Sharp language, .Net, Oracle SQL and HTML to develop my project. The majority of my work was performed using Visual Studio 2012 and SQL developer.

I started the application developer position with minimal experience in developing complete applications; however, I completed the internship with a significant amount of experience in the area. Now, I can apply for developer jobs with more confidence and I can distinguish between the offers and select the most appropriate one. Moreover, the work environment has invigorated me to learn more, create my future and build my personality as a professional employee. Briefly, we can learn from the school environment, but an internship gives us a great chance to practice our knowledge with real work life experiences.
Lixia Zhao (SAP North America, Newtown Square, PA)

I spent the summer as an IT and Database Intern at SAP North America. It was my first experience working in a corporate environment. During my three month internship, I worked on a variety of projects. Almost all of the projects were relevant to the SAP star product, SAP HANA platform, which is a memory data management platform. It is the fastest growing database in the relational database management systems (RDBMS) market.

The majority of my assignments were creating documentation to present the packaged HANA solutions, as well as implementing related SQL Scripts. The purpose of these documentations is for time and cost estimation and to outline the features and tools of the solutions, as well as illustrate the graphic landscape of these solutions. These documentations will be shown to SAP potential customers. By the end of my internship, I completed eleven packaged solutions and customized four among these eleven, based on the requests from potential customers. These solutions cover a wide range of aspects of HANA platform, such as: HANA architecture; HANA data provisions; backup and security solution; solutions of fixing bugs in HANA; HANASQL Script; integration HANA with other SAP products, for instance, ERP; its front-end tools, such as SAPUI15 or Fiori; SAP data analytical tools or other outside products (such as Oracle database). Other projects included monitoring North America HANA Enterprise Cloud (HEC) dashboard and creating weekly reports, providing file synchronization solution for an internal Wiki webpage, etc.

This experience has been very beneficial. I gained knowledge on HANA platform (ie: HANA data provision solution, HANA architecture, HANA modeling, analysis of SQL codes performance, HANA SQL Script, integration of HANA with HADOOP Hortonworks, etc.). I passed the HANA 1.0 Certificate Exam and was certified as a SAP HANA Support Engineer.
* Ather Sherif, a second year graduate student, had a unique opportunity to visit Google’s global headquarters in Mountain View, California. Ather is a Google Lime Scholar and traveled to Google in June. As you can see from the pictures, he sure had an amazing time!

* Ather Sharif was also the recipient of the Geek of the Year Award, presented at the Philadelphia Geek Awards in August. Nice job, Ather!

* Congratulations to Zackline Mendy, a first year graduate student! She gave birth to a baby boy, Simon Peter Mendy on September 3rd.

* The first Computer Science Club meeting was held in September and attendance was great! Keep an eye out for messages from Brendan Szefinski and Justin Lujan about their events scheduled throughout the academic year!

* Sarah Clooney ('17) a double major in Computer Science & Mathematics, wrote a terrific article in the Hawk about the stereotypes associated with computer science & math. Check it out: http://www.hawkhillnews.com/article/2015/09/real-truth-intro. Great job, Sarah!

* Many thanks to Yuchen Xun, a first-year graduate student. Yuchen teaches at Archmere Academy (Vice President Joe Biden’s alma-matter), which is located in Claymont, Delaware. He is promoting the Computer Science Program to his students. Yuchen has given them brochures and some promotional trinkets. The department truly appreciates these efforts!

* New Mentoring Program. With the assistance of the CS Club, the department started a new mentoring program initiative. This program will partner current sophomores and juniors with first-year majors. The goal is to provide a peer mentor for any issues they may have, such as adjusting to campus life, courses, and general SJU/department information. The Mentors will share knowledge and their own experiences and become a source of encouragement for freshmen.

* Two teams will represent St. Joseph’s University and the Computer Science Department at the ACM Programming Contest, which will be held on November 7th at Washington College in Maryland. The teams consist of the following undergraduate students: Sarah Cooney, Seth Fields, Karl Morris, Julie Osbourne, Jonathan Rapp, and Brendan Szefinski. Mrs. Mary Krueger (or as they call her - Coach K) is the faculty mentor and coach for the teams. Good Luck!

* Interfaith Prayer Rooms. The CS majors are welcome to use the department’s Graphics Lab (BL-248) for prayer, reflection, and meditation. There is also an interfaith prayer room for the entire SJU community in the Campion Student Center, Room 234.
Fall Events

Thursday, August 27
Orientation for New Graduate Students

Thursday, September 10
Welcome to Fall Celebration

Tuesday, September 15
Computer Science Club Meeting

Thursday, September 17
Career Fair
Mass of the Holy Spirit & Inaugural Mass

Friday, September 18
Inauguration of Dr. Mark C. Reed, 28th President of SJU

Tuesday, September 24
Summer Internship Presentations

Saturday, November 7
ACM Programming Competition/
Washington College, Chestertown, Maryland

Monday, October 26
Movie Night at the Forum / Hosted by the Computer Science Club (The Imitation Game)

Tuesday, November 10
Guest Speaker Dr. Xiaojiang Du, Temple University

Tuesday, December 1
Fall Internship Presentations

Welcome To Fall Celebration September 10

EYE ON IT → Bluesmart Luggage

Control your luggage from anywhere in the world! Bluesmart has created the first smart luggage, which connects to a smart phone. This luggage has a built in location tracker, scale, and battery. Keep your eye on it at http://bluesmart.com/.
Excitement, anxiety, trepidation. Pope Francis’ historic, first visit to the United States and Philadelphia generated a mixture of emotions around campus, the suburbs, and the city. The campus was surging with a tangible energy because - well - he is a Jesuit and he was practically staying on campus! The road closures were an inconvenience and annoyed quite a few, but everyone adapted and it was an epic event. Pope Francis attracted all with a magnetic force.

In the week leading up to the Pope’s arrival, there were hushed whispers circulating on campus that the he was going to visit SJU. On Sunday, those rumors became a reality. Students, staff, and faculty started gathering at the Chapel around 1:00 - the mood was electrifying! When Pope Francis and his security entourage arrived, he smiled and waved to the crowd. All went silent as he blessed Synagoga and Eccesia in Our Time, the statue which celebrates Catholic and Jewish unity. And then he was gone! Although his visit was brief, it is permanently etched into the memories of everyone at SJU.

This section of our Newsletter is dedicated to the 266th Pope of the Roman Catholic Church - Francis. We asked a few members of the community - both on and off campus - to answer the question: What did you do over the Papal weekend? The replies are heartfelt and uplifting. Enjoy!

Terese Fasy

On The Way To Cape May / Hope Luken, Lafayette Hill, PA
“To avoid the hubbub in the city, I went to Cape May Point.” Hope and six of her Gettysburg College alumnae sisters decided to head south to spend the weekend at the beach. However, their girls’ weekend took a very unexpected twist, “What I Found most interesting is - we spent quite a bit of time watching the Pope!” The television was tuned to coverage of the Pope's Philly visit all weekend. They even cancelled their dinner reservations Saturday night to view the festivities live and were glued to the TV Sunday night, watching the Mass on the Parkway. Hope’s visions of the weekend did not include being anchored to a television - but it was a pleasant turn of events for all! “We really got into watching him”, Hope said, “And only two of the seven of us are Catholic!” In honor of the Pontiff’s visit, she took a photograph of the red moon rising over St. Mary’s on Sunday night (see page 11).

Hawk Volunteer / Madeline Yeakey ‘19
I was able to volunteer as a communion assistant for the Papal Mass at Ben Franklin Parkway, and it was incredible. It was very cool to help serve communion to the people watching Pope Francis’ mass. I helped serve in the way back, so these people were far away and watching mass on a Jumbotron, but each and every one was extremely grateful to receive that blessed communion. It was a surreal and humbling experience that I would not even have without SJU!!

Press Credentials / Dr. Nadeem Shahzad, Adjunct/Department of Computer Science
Nadeem started as a free-lance Photo Journalist in 2006 with the Clinton administration. After undergoing a rigid screening process, he finally received his press credentials for the Philadelphia papal visit. He reports that the security process was unlike any he had ever experienced. “My credentials were approved by the Secret Service and we then received venues from the Archdioceses as to where we could stand.” Unfortunately, Nadeem became ill over the weekend and was not able to cover the event, but he did watch live coverage on TV. However, while picking up his credentials at St. Charles Borromeo Seminary he did have the opportunity to see the Osprey helicopters practice their take off and landing!
Beyond Language Barriers / Mary Krueger, Visiting Professor/Department of Computer Science
I was lucky to get tickets to hear the Pope speak at Independence Hall. We sat three hours on the lawn at Independence Mall thinking we had a great view of at least the Jumbotron. Of course, when Pope Francis arrived everyone stood and it became clear that the Jumbotrons were too low and nobody could see them or the subtitles. He spoke in Spanish, which meant I understood none of it. But I just watched how happy the people who could understand him were and I thought how hard it must be to be in a place where you consistently don’t understand what is being said. During the time we waited, we met people from all over the world and it was just so clear how he is bringing us all together.

Eleventh-Hour Tickets / Diego Sosa, Second-Year Graduate Student
Diego is from Venezuela and was very excited to receive tickets a few days before the event. Even though he stood in line for four hours to get onto the Parkway, he said the experience was great and he saw him drive by in the Popemobile. Diego said he wanted to go see him because he likes how the Pope always has something positive to say and he is making efforts to unite people - even non-Catholics can relate to the Pope. Diego said the Pope is establishing a positive reform and changing the outlook in a good way, “I like him because he has modern view of church.” The Pope stressed the importance of family and Diego feels that is an important message because “values come from home.”

Yes, We Have No Bananas / Agnes Blisard, Department of Mathematics
“Leave all of your healthy food at the gate!” Agnes said she laughed when, while waiting in a security line, the Guard joked about the no oranges or apples policy. On Saturday, Agnes trekked into Philadelphia with her husband and youngest son. Although it took a while for them to get through the security check point, she said it was a great experience and it was exciting waiting with the crowd for the parade. As the waves of cheers from the crowd grew louder, she knew the Pope was approaching!

La Traducción no es Obligatorio / Marge Ryan-Atkinson, Office of Mission
By the time I slid in front of the mirror outside the elevator bank for a group portrait of the 11 of us as we embarked on our journey to the Parkway that Sunday, my Fitbit had already congratulated me on meeting my daily goal of 10,000 steps. On Saturday evening, we stood two deep as the Pope rode by smiling and blessing the crowds from his Popemobile. My camera shutter closed just as the Pontiff turned to bless the crowd across the road from me. A friend texted me a beautiful picture captured on her television screen of the Pope riding down the Parkway. I replied with a blurred image of the Pope’s back.

On Sunday we 11, who ranged in the age from 15 to 88 years, were separated by the mass of humanity that converged before the checkpoint. My husband and I were the last of our group to get in. We were ten deep just past the checkpoint when people started shouting with joy like children at the Thanksgiving parade when Santa arrives. There, directly ahead of us was the Popemobile stopped for a child dressed as the Pope. I did not get a picture; if I had attempted to it would have been merely the back of the head of the man in front of me.

We settled on a small piece of grass, unable to see the Jumbotron, and listened to readings in English, Vietnamese, and Spanish. During the homily, I picked out Spanish words like amor, familia, from the Pontiff’s speech. And as I listened trying to understand, I was moved by his words. Standing with my extended and nuclear family, I realized how blessed I am that we were sharing this moment together. It occurred to me that although my Spanish is rusty, the Pope’s passion and joy had melted away any need to translate. “This”, I thought, “must be how that first Pentecost Sunday was. People understood the apostles not because they could translate every word, but because the message was delivered with love and joy.” That night, when my Fitbit emailed me that I had my best day yet, I replied, “You got that right!”

THE POPE VISITS PHILADELPHIA & SJU
Arrival & Departure / Lauren Bressi ’16
Being that I live in Manayunk, I chose to go home to New Jersey for the weekend that the Pope visited Philadelphia. The news made it seem as though I wouldn’t be able to travel anywhere or basically leave the house if I stayed in Philly, which scared me. To my surprise, I hit absolutely no traffic going home to New Jersey on Friday or coming back to school on Monday morning. The roads were clear, which was the opposite of what the news was forecasting. A part of me wishes that I had stayed at school and attended the Meeting of the Families with my mother. When asking her about her experience she said, “The streets of Philadelphia were alive with brotherly love as we welcomed Pope Francis. For two days, a million people joined together to listen to Pope Francis’ message of beauty, goodness and truth. Visitors included many families from around the world who danced, sang, prayed and celebrated together.”

New Friends / Patricia Bobo, Visiting Assistant Professor, Department of Mathematics
Oh my - I have so many stories I don’t know where to begin! I met an 89 year-old sister from Wisconsin who came with a group of 17 nuns. She was an American Indian and a teacher. Before retiring, she served as a liaison for American Indian students at UCLA. If I remember correctly, she was a Chippewa Indian. When we parted company she said “I will pray for you”. That just made my day - it gave me energy to keep going for the rest of the day. One of my volunteer jobs was to count the number of people entering through a security check point. At that post we were working with a very nice L&I worker, who we took pictures with because of his true kindness. Well, my daughter posted the picture of the group on Facebook and low and behold, he was the cousin of the husband of one of my oldest friends. At about 8:00 Saturday morning, a lady from Texas asked us directions to the Cathedral. Before she continued in that direction, she brought us all yellow and white Vatican flags. At about 4:00 that afternoon, we ran into her again and we stayed together the rest of the day up until about 8:30. On the trolley ride home Sunday night, the trolley driver let us hold the coin that his grandmother had just given him that day, which had been blessed by Pope John Paul II when he visited Philadelphia in 1979.

A Nurse's Story: Thomas Jefferson University Hospital / Bonnie Grady, Westchester, PA
I worked both Saturday and Sunday over the Pope-apalooza weekend and I bought my Septa passes in advance for the two days. I was surprised that there was a line at the Paoli Train Station at 5:00 a.m. Saturday morning, but the transportation was really easy into the city - everyone was in a great mood. There were a lot of unknown details, but Jefferson did go all out. There were portable showers for the masses who worked and we were fed all weekend. We were able to catch a glimpse of the Pope on Saturday afternoon as he turned onto Market Street (I was one block away). Saturday was steady at work, but we were staffed great. Since Jefferson was in the no-drive zone, I stayed with a friend and her husband at 8th & Lombard. The National Guard was stationed at every corner. Sunday was slow and the staff took turns walking around but stayed close, as security was tight. Sunday night I journeyed home by subway to 30th Street Station. There was a mass of people, but the “cattle shoots” helped ease the confusion. I then took a non-stop train to Paoli and I made it home in two hours. I considered it a blessing to have worked that weekend. It is a great memory!
REFLECTIONS OF POPE FRANCIS

Many thanks to all faculty, staff, students, family, and friends who shared your beautiful stories and photos!
Glenn Brunette (B.S./1993, M.S./1999) reports that on August 1st, he took a new position with Oracle in the Global Product Security Organization. He is leading their work on Cloud Security Assurance.


Brittany Fasy-Millman (B.S./2007) accepted a tenure-track position at Montana State University, located in Bozeman, Montana. After graduating Duke University with a PhD in Computer Science, Brittany held post-doc positions at Carnegie Mellon University and Tulane University. If you are ever in Montana - be sure to contact her!

Walt Fee (B.S./1994) is a retired USAF Major and now works for Progressive Insurance in the IT Security area. His areas of focus are Data Protection, Big Data, Disaster Recovery, and Cloud Operations. Walt resides in Colorado Springs.

Gayatri Gadepalli (M.S./2004) is living in the Bay Area, and until 2015 worked for the City & County of San Francisco as an IS Analyst.

Hima Gowda (M.S./2015) is a Technology Analyst at Infosys Technology Limited in Jersey City, NJ. She stopped by the department in September to introduce her parents, who were visiting from India. Their next stop was Niagara Falls!

Matt Karliner (B.S./2015) and Joseph Shewaski (B.S./2015) are thrilled to announce that Cosmic Slayer, an app they created and developed for their Senior Project, went live in the App Store and Google Play on July 1, 2015. They have made some improvements to the game since their first presentation. The main objective is to destroy asteroids that randomly appear on the game board. Check it out at: http://www.cosmicslayer.com.

Patricia McGann (B.S./2015) is employed at Lockheed Martin as an Associate Engineer. She reports that she is working on a couple of projects using mobile application and cloud technologies.

Ryan Stull (B.S./2015) graduated with a double major in Computer Science and Physics. He is a Software Implementation Engineer at Bottomline Technologies, located in Englewood Cliffs, New Jersey.

Mary Jane (Ashley) Zajac (B.S./1985) graduated with a major in Computer Science and a minor in Mathematics. In 1992, Mary Jane received her masters in Computer Science from NJIT. Since 1992, she has been employed as a Software Engineer at IBM. Before this, she worked as an application programmer using Informix 4GL and C for a company that created custom software for real estate brokers and sales people in New York City. At IBM, she worked on testing large HPC clusters for many years, basically writing C code using MPI to verify that the code delivered would be stable and not have any bugs that would introduce data corruption for massively parallel scientific applications. For the past two years, Mary Jane has been working on testing the Spectrum Scale parallel file system (formerly GPFS).

We enjoy hearing from you - please continue to keep us posted! Send your updates to csci@sju.edu.

The Offline Observer

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