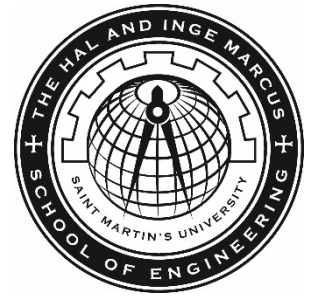




Saint Martin's
UNIVERSITY



CORNERSTONE

The Hal and Inge Marcus School of Engineering

Spring 2023- JANUARY



ROLLING INTO 2023!

Here we are starting 2023, the Year of the Rabbit, our spring semester, and continuing our Year of Belonging!

We are planning an Engineering Awareness Event for Wednesday, February 22 for our visiting high school students! We plan to host about 100 students rotating through five engineering and computer science stations. We enjoy hosting these students with the hope they will be encouraged to attend Saint Martin's University!

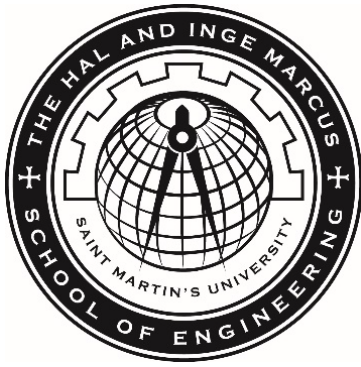
We are also very excited about the upcoming 71st Annual Engineering Banquet, which will be held on Friday, February 24 in the Norman Worthington Conference Center here on campus. See page 2 for more information and the link to purchase tickets. We have kept in mind that it's the first Friday of Lent in the event menu. We hope you will all honor us by attending!

WIT SPEAKER

Our Women in Technology (WIT) student club has another guest speaker coming to talk with our Saint Martin's STEM students. All STEM students are welcome to attend these speaker events.

On Tuesday, January 31st, Ryen Macababba, Senior Security Manager at New Relic, will speak to students and faculty at 3:30 p.m. in Cebula Hall's Society Room (202). Ms. Macababba is a U.S. Army veteran and spent 8 years at Microsoft prior to her current role. She was also one of the first graduates of our MSSA (Microsoft Software and Systems Academy) program in 2014.





you are cordially invited to the
71st Annual Engineering Banquet
Friday, February 24

Engineering Banquet

Please join the Saint Martin's University
The Hal and Inge Marcus School of Engineering
community for the 2023 Engineering Banquet.



Keynote speaker:

Robert Hodgman '03
Senior Aviation Planner, WSDOT

Mr. Hodgman will speak about the
proposed new regional airport and the
planning involved on this complex project.

Non-student ticket: \$50

Student ticket: \$30

Sponsor-a-student ticket: \$30

To enable broad student participation, non-student attendees are invited to sponsor a student through the purchase of one or more sponsor-a-student tickets.

NOTE: To accommodate both dietary preferences and Lent needs, we are offering three different entrées (chicken parmesan, eggplant parmesan, or cod cakes). We ask that you indicate entrée preference for all attendees, including any guests (both name and preference), when purchasing your tickets.

We look forward to having you join us at this 71st Annual Engineering Banquet!

To purchase tickets, please [click here](#)

Engineering Banquet

Friday, Feb. 24, 2023

5:30 p.m. social

6:15 p.m. dinner

Norman Worthington

Conference Center

For those planning to attend
this event, we ask that you
secure your tickets by Feb.
15, 2023.

WELCOME NEW STAFF

Recently, we hired a new part-time staff member, Mr. Frank Ellerbroek, to be our Shop Manager. Frank will be assisting our Lab Manager/Instructor, Mrs. Shelbie Wickett. He will be maintaining our larger lab equipment, inventorying and ordering parts and supplies for them, and ensuring safe, stocked lab environments. Frank has over 26 years of experience in machine instruction and consultation to improve and streamline machine systems in both classroom and industry settings. His impressive work experience includes Boeing, Bremerton Naval Shipyard, Northwest Helicopters, New Market Skill Center, Centralia Community College, and South Puget Sound Community College. You can usually find him Monday-Thursday at the Manufacturing Lab in Panowicz.



Welcome to the HIMSE community, Frank!

DEAN'S LIST FROM FALL 2022

We're proud to recognize the outstanding students who made the Dean's List from Fall 2022 eligibility. Undergraduate students with a GPA of at least 3.5, who took a full-time class load and did not drop any classes, are placed on the Dean's List. Students in **red** earned a 4.0 GPA for the semester. We are proud of all of our HIMSE students and their accomplishments and encourage you all to keep up the good work and put in your best effort on all you do! Congratulation from the Dean, faculty, and staff of The Hal and Inge Marcus School of Engineering!

Marlouie Aguilar

Austin Anderson

Hunter Anderson

Francisca Anunobi

Anthony Arecchi

Landon Armstrong

Jacob Balmer

Spencer Bergman

Marisol Bergstrom

Jonathan Blais

Annika Briggs

Sydney Brown

Mary Brownell

Ester Cabotage

Zachary Camirand

Andy Choi

Avinash Day

Nadaa Elbarbary

Cassandra England

Brandon Essary

Hollie Filyaw

Loredana Fouonji

Charles Ganu

Christian Gordon

Benjamin Gress

Christopher Hatakenaka-Gibbs

Benjamin Hicklin

Miles Jimenez

Hayden Jones

Justus Konwent

Sarah Lamet

Immanuall Lee

Jaewook Lee

Marcus Lenker

Brandon Little

Sam Lulai

Darran Lum

Keanu Lyons

Luis Madora

Nathan Martinez

Ty Matsunami

Patricia McGarrah

Kimberly Medley

Lara Montefalcon

Octavio Moran, Jr.

Godwin Nahamya

Sierra Nees

Minh Nguyen

Ethan Nguyen-Hopkins

Garrett Orwig

Kainalu Pagente

Riley Phelps

Jackson Philbrook

Victor Phillips

Kaeli Ploettner

Peyton Prom

Caden Rebollo

Justin Rendon

Ramiro Reyes

Connie Rodriguez

Cory Schramm

Andrew Schulz

Nikki Scott

Claire Skaggs

Karla Soto

Quinton Spitler

Justin Stratford

Edward Suppes

Cole Tinsley

Regan Vancleave

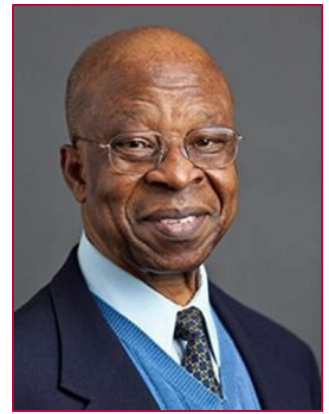
Elijah Whitesell

Joe Yang

Bodhi Yost

SAD NEWS

We are deeply saddened by the passing of our friend and colleague, **Dr. Pius Igharo**. He passed away peacefully on January 19th at the blessed age of 84 in New York, where he had moved to be close to his son and daughter and many other family members. Dr. Igharo was a professor of civil engineering at Saint Martin's for over 20 years. His area of expertise was transportation systems management and design. He retired from teaching in 2018 and was granted Associate Professor Emeritus status.



Professor Emeritus **Dr. Anthony de Sam Lazaro** said, "It was, indeed, a sad loss. I wonder how he would like to be remembered: a 'gentle' man, a devoted teacher, a loyal friend, a loving father and husband, a great colleague, a loving human being (all the above). He embraced the Benedictine rule to listen with your heart. If ever I went to Pius with a problem, I knew that he did not just hear me - he listened with all his attention, asked follow-up questions, if needed, and then responded with a near-perfect solution. At heated faculty meetings, he would be silently listening and then come out with the solution that we had all missed. I was on the new faculty selection committee to hire him and went to pick him up at the airport for his interview. In the days when you could get to the aircraft exit door, I waited for a long time as Pius was among the last to exit the plane and I knew by the time we reached baggage claim that we had a jewel. Denny Roush agreed and there followed 20+ years of devoted service and friendship. Pius was my friend, and I loved him dearly."

Dr. Pius Igharo was loved and respected by us all and his demeanor, kindness, and expertise will be greatly missed.

GETTING TO KNOW US

We will now feature HIMSE faculty and staff in our newsletters, so you can get to know us better. We'll start this with **Dr. David Olwell**, **Mrs. Tam Léger**, **Dr. Dintie Mahamah**, **Dr. Shawn Duan**, and **Dr. Radana Dvorak**.



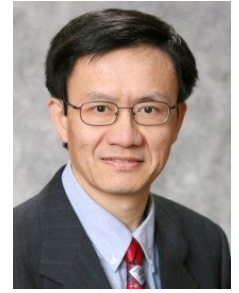
Dr. David Olwell, Dean of The Hal and Inge Marcus School of Engineering, has been at SMU since 2015. Dave previously was on the faculties of the Naval Postgraduate School and West Point. He is active in ABET as a team chair and former commissioner. He also runs the Data Analysis problem for the world-wide Mathematical Contest in Modeling, supervising the judging of 10,000 entries each year from around the world. He is active in the Knights of Columbus. His research interests include statistical process control and reliability engineering. He and his wife Karen will walk a portion of Camino Santiago for the fifth time this spring.

Mrs. Tam Léger has been the HIMSE Executive Assistant since July 2018. Prior to that she worked in the Provost's Office and on our JBLM campus. Tam has a BA in Journalism-Public Relations and was an Air Force Transportation Officer after college for four years. She then embarked on an administrative professional career lasting (so far) over 35 years. She's worked administratively for a number of industries in her career, including construction, healthcare, horseracing, poison control, zoo, and now higher education.



Dr. Dintie Mahamah, Chair/Professor of Civil Engineering, has been educating Saint Martin's students for over 38 years. He has certainly 'seen it all' in the evolution of our programs and facilities. Dr. Mahamah holds graduate degrees in water resources and environmental engineering. He is a registered professional engineer and a life member of ASCE. He serves on the editorial board of several academic journals, as well as being an invited board member of SPSSEG. As a board member, he oversees SPSSEG projects and hopes to have SMU students participate in some of these projects. What a great opportunity!

Dr. Shawn Duan, Chair/Professor of Mechanical Engineering, has been at Saint Martin's since 2014. Before SMU, he was a full professor and program assessment coordinator of the Department of Mechanical Engineering at South Dakota State University. His research interests include, but are not limited to, energy, design, vibrations, bioengineering, modeling and simulation of dynamical systems on supercomputers, and fluid power transmission and controls. According to Dr. Duan, "I love to work with students. I offer various research projects to undergraduate and graduate students to enhance their engineering education experiences."



Dr. Radana Dvorak, Chair/Associate Professor of Computer Science, has many years of experience working in computer science as a researcher, professor, dean, consultant, director, and program architect. Before returning to Saint Martin's last summer, she worked as an associate professor and program director at CityU of Seattle School of Technology and Computing and at the University of Portland. Dr. Dvorak has been a member of government and university strategic planning committees, task forces, and advisory boards and was a key architect of the Microsoft Software and Systems Academy, the precursor to our current Washington Vets to Tech program. "My passion for new technologies and helping people at all education levels and diverse backgrounds embrace technologies and lifelong learning drives me each day."

DON'T FORGET OUR LINKED IN GROUPS

Don't forget to join our LinkedIn groups to continue to keep the community vibe alive – network with each other, mentor our students, and feel free to post/share info about scholarships, internships, and job opportunities.

ENGINEERING:

[TO JOIN THE ENGINEERING GROUP](#)

COMPUTER SCIENCE:

[TO JOIN THE COMPUTER SCIENCE GROUP](#)

FACULTY NOTES – NOTED FACULTY

Dr. Tapas Das has been appointed to serve as an Associate Editor of the *Journal of Solid Waste Technology and Management* (JSWTM), published by the International Society of Waste Management, Air and Water (ISWMAW), India. Congratulations, Dr. Das!



Dr. Radana Dvorak participated as a judge in the 2022 Congressional App Challenge (CAC) for Washington's 10th Congressional District, working with **Rep. Marilyn Strickland**. This competition was launched in 2016 to inspire, include, and innovate efforts around STEM, coding, and computer science education. Members of the U.S. House of Representatives host district-wide challenges for middle school and high school students. "I was delighted to participate in the App Challenge, and I am very impressed at the high quality of submissions whose aim is to make the world a better place. I am thrilled that Congresswoman Strickland is a keen supporter of STEM initiatives such as the App Challenge, something that is also close to my heart," said Dr. Radana Dvorak, Chair of Computer Science at St. Martin's University. "As an educator and computer scientist, I see the value of younger students, especially girls, starting to explore computer science and engineering fields before starting college. I would be delighted to see all four finalists come to Saint Martin's University, study in my computer science department, and join our Women In Technology (WIT) club." Thanks for inspiring and recruiting future Saints, Dr. Dvorak! [READ MORE](#) (CAC info) [READ MORE](#) (10th District winner announced)

HIMSE HUMOR

UNDERSTANDING STEM SPEAK:

Percussive Maintenance – I hit it hard and it started working.
Cycle Power to the Panel – Turn it off and on again.
High Impedance Air-Gap – I forgot to plug it in.
Organic Grounding – I got electrocuted.
Thermally Reconfigured – It melted.
Kinetic Disassembly – It blew up.
Thermal Shock – It burned.

OUR ALUMNI AND WHAT THEY'RE UP TO

Daryl Salhus '15 BSME, '19 MME is now a Chassis Design Engineer working for Paccar-Kenworth. Congrats, Daryl!

Mohammed Alhamdah BSME '20 just started a new position as a Mechanical Engineer at Budget Rent A Car in Saudi Arabia. Awesome, Mohammed!

Andrew Alfred BSCS '22 was just hired as a Quality Assurance Engineer at ImageSource, Inc. Congratulations, Alfred!

Emily Crawford MSME '22 is now the Fabrication and Educational Coordinator at the Lacey MakerSpace! Wish you all the best, Emily!

Brenda Arellano BSCE '20, MSCE '21 just started a new position as Civil Engineer 1 at Pierce County-Development. Keep moving on up, Brenda!

Saifaldeen Alsarhani BSME '19 completed his MBA at the University of New Haven! Congrats, Saif!

CONTACT US

If you are one of our alumni and have anything to share (position/company changes, professional achievements, or personal life accomplishments—wedding, children, anniversaries, etc.), please send your input to engineering@stmartin.edu. We love hearing from our alumni and featuring them in our newsletter. Please keep in touch! Once a Saint – Always a Saint!

CALENDAR AND EVENTS

- ❖ Feb 17 Last day for withdrawal (W grade) (01/08/10)
- ❖ Feb 20 HOLIDAY-Presidents Day (campus closed)
- ❖ Feb 22 Engineering Awareness Day
- ❖ Feb 22 Ash Wednesday (no closures)
- ❖ Feb 24 Engineering Banquet
- ❖ Mar 4 Last day of classes for 08/10 sessions
- ❖ Mar 6 Final grades due for 08/10 sessions
- ❖ Mar 6-10 Spring Break (no classes – campus open)
- ❖ Mar 13 09/11 sessions start
- ❖ Mar 20 Add/drop deadline and attendance due for 09/11 sessions
- ❖ Mar 21 HOLIDAY-Saint Benedict's Day (campus closed)
- ❖ Mar 22-25 Advising Week
- ❖ March 23 Advising Day (no Lacey campus classes – meet with advisor)
- ❖ Apr 3 Priority registration for summer/fall 2023 begins
- ❖ Apr 7 HOLIDAY-Good Friday (Lacey campus closed)
- ❖ Apr 9 Easter Sunday
- ❖ Apr 10 HOLIDAY-Easter Monday (Lacey campus closed)
- ❖ Apr 11 Last day for withdrawal (W grade) for Main-00 courses
- ❖ Apr 11 Mid-term grades due for 09/11 sessions
- ❖ Apr 15 Admitted Saints Day
- ❖ Apr 21 Last day for withdrawal (W grade) for 09/11 sessions
- ❖ Apr 25 Scholars Day and Honors Convocation
- ❖ Apr 27 Senior Commencement Fair
- ❖ Apr 28 St. Thomas Aquinas Study Day (no Lacey classes)
- ❖ May 1-5 Final Exams
- ❖ May 5 HIMSE Awards, Order of the Engineer, Pledge of the Computing Professional
- ❖ May 6 Commencement



DEAN'S CORNER

As a community, we are grieving the loss of **Dr. Pius Igharo**, Associate Professor Emeritus of Civil Engineering. Pius retired in 2018 after 22 years on the civil engineering faculty. Pius was a graduate of Swarthmore College, Columbia University, and the University of Pittsburgh. Prior to arriving at Saint Martin's, he was the Rector of Auchi Polytechnics in Nigeria, and then Secretary General of the Commonwealth Association of Polytechnics in Africa.

Pius was beloved by his colleagues and students for his kindness. **Professor de Sam Lazaro** captured that quality well in his remarks earlier in the newsletter. I will remember his character, gentility, genuine faith, and quiet strength. We pray for the consolation of his family. May his soul and the souls of all the faithful departed, through the mercy of God, rest in peace.

President Jennifer Bonds-Raacke continues to build her leadership team on campus. She has attracted some very strong administrators with the selections of **Stefanie Powell** as CFO, **Shad Hanselman** as Vice President of Institutional Advancement, and **Steve O'Brien** as Director of Athletics, and she has started a search for Provost. **Nate Peters** has been promoted from interim to permanent Vice President for Marketing and Communications. These selections are very encouraging for the long-term health of the university.

The ABET Accreditation visit for the Computer Science and Information Technology programs has been tentatively scheduled for September 2023. **Dr. Radana Dvorak** and her colleagues are hard at work writing the self-study report and assembling the evidence necessary to receive accreditation. We received some helpful feedback from the Readiness Review that was submitted in the fall as a precursor to the formal request for evaluation.

We continue to recruit students aggressively. Competition from the University of Washington–Tacoma has caused us to sharpen our message. As I travel to our feeder schools to meet with prospective students, I emphasize four points. First, the technical quality of our education is excellent, and both our accreditation and the record of accomplishment of our graduates vouch for that. Second, we offer a well-rounded core curriculum that centers our technical education in a liberal arts context and addresses the development of the whole person with emphasis on the Benedictine Values. Third, thanks to transfer and first-year scholarship increases under the leadership of **President JBR** and Dean of Enrollment **Patty Lemon** made possible by generous donors, we are more affordable than ever. And last, our multigenerational community of Saints (that's you!) supports our students through their entire life, not just their time on campus. It is a strong message, and the support of alumni and friends does make all the difference. If you have a chance to influence students to attend Saint Martin's Hal and Inge Marcus School of Engineering, please do! Your recommendations carry great weight and we appreciate them.

We have a strong program for Engineering Week in February. We expect 100 students from regional high schools for Engineering Awareness Day. We had more applicants than capacity this year, and we are making alternative arrangements to bring presentations to some of the schools that we could not accommodate on campus. We also have a wonderful Engineering Banquet planned for 24 February with a great keynote on siting the next major airport in the South Sound by **Robert Hodgman '03**, who is in charge of the process for WSDOT as its director of aviation. It will be our 71st annual banquet!

I look forward to talking to many of you this month at these events and telling you yet again how grateful we are for the support of our alumni and friends in the community. Your assistance is helping us to inspire engineers to careers of service. We count your support among our greatest blessings.

I hope this upcoming Lent and Easter season brings you and your families peace and joy as we again commemorate that God so loved the world that he sent His Son to suffer and die for our redemption.

Best wishes,

David H. Olwell, Ph.D., Dean
Hal & Inge Marcus School of Engineering



To unsubscribe from this list or to update your contact information, please email engineering@stmartin.edu