WELCOME BACK!

Welcome back to the HIMSE students, faculty, and staff. By now you’re getting used to the new semester routines. We’re all happy to be back on campus albeit with some restrictions. Please ‘play nice’ and follow the masking rules and other policies. None of us like them, but we want to keep everyone safe and healthy, so we can stay on campus and return to some semblance of normal. Most of us have had our vaccines, but not all of us. There are some who have had Covid and have some immunity, while others have been blessed not to have gone through it. Some of us are immunosuppressed or have older friends or family who we see frequently, so we are trying to remain uncompromised to protect them. Be compassionate and respectful of each other regarding this situation. Stay flexible and positive as things change. Let’s all stay healthy and hopeful!

A big shout out to our newest ‘alumni’ – your futures are bright and if you need any assistance from your alma mater, please reach out. Along these lines, we have started two new LinkedIn groups and encourage everyone to join at least one of them:

Saint Martin’s HIMSE Engineers: Primarily for current and former faculty, partners, students, alumni, and mentors of our Civil Engineering, Mechanical Engineering, and engineering master’s programs and meant to encourage networking, mentoring, sharing of information, potential jobs or internships, or just anything you all want to share with each other to keep the community alive!

Saint Martin’s HIMSE Computer Science: Primarily for current and former faculty, partners, students, alumni, and mentors of our Computer Science, Information Technology, MSSA, WaV2T, and computer science master’s programs. This group is for you to keep your community strong by networking, sharing information, posting jobs or internships for your tech family!
TUTORING AVAILABLE
Saint Martin’s Center for Student Success offers tutoring in a wide variety of subjects. Please note, drop-in hours for tutoring are now available in the Center for Student Success. Subjects available include writing, math, biology, chemistry, physics, and engineering. For the schedule, click this link: https://stmartin.libcal.com/appointments
Students can also make appointments by following the same link and using the drop-down list to choose a tutor.

Also remember, Nicholas Pendowski (former ME adjunct) is offering free tutoring in the courses listed below. He is currently an EI working in the industrial automation sector. Mr. Pendowski tutored SMU students in the past and is somewhat flexible in his times and locations for tutoring. Zoom meetings work as well. To set an appointment, contact him at pendowski15@up.edu.

- MTH171 Calculus I
- MTH 172 Calculus II
- MTH 271 Vector Calculus
- MTH 322 Differential Equations
- MTH 353 Linear Algebra
- ME 345 Mechatronics
- ME 370 Systems Dynamics and Control
- PHY 172 Introduction to Physics II

SCHOLARSHIP PARTNERS
This is a new addition to our newsletter, where we plan to feature one of our scholarship partners in each issue.

The first partner we’re featuring is WTS International (initially Women’s Transportation Seminar started in 1977) – Puget Sound Chapter. WTS International is a global organization focused on promoting the advancement of women in the transportation industry. Today, WTS International has more than 8,500 members and 65 professional chapters.

WTS Puget Sound Chapter started in 1982 with the first scholarship being a $50 book award. During the first ten years, the chapter was able to award 16 scholarships to women studying transportation at local universities. In the decades to follow this group of professionals has grown into one of the most visible and valued forums for discussing transportation trends and projects and highlighting women in transportation leadership. WTS Puget Sound represents a variety of careers in the transportation industry. According to Stephanie Pine, member of WTS Puget Sound’s Scholarship Committee, “Our mission is to foster the development of women in the transportation field by encouraging bright new professionals and students to undertake careers in the area of transportation. One way our chapter does this is by awarding scholarships at technical school, undergraduate, and graduate levels of studies to women pursuing their education or career in a transportation-related field.” They offer annual scholarships ranging from $2,500 to $5,000 to women enrolled in the aforementioned programs. Applications will be available soon (keep checking back!) and due before the end of the year. Ms. Pine added, “We would LOVE to hear from you and encourage the women of Saint Martin’s to learn more about our scholarships and our organization!” Please visit their website to learn more! https://www.wtsinternational.org/chapters/puget-sound-seattle

CONGRATULATIONS!
Congratulations to Alexander Benson (MSME student) and his lovely wife, Nicole Picardal, on their September 18, 2021 wedding! Nicole and Alexander met while students at Western Washington University and started dating in September 2012. They were married in Tacoma near Point Defiance Park. Best blessings to them both!

Congratulations to Dr. Isaac Jung (ME faculty)! His beautiful granddaughter, Alenka, was born July 29, 2021. She joins her brother, Everett, 2 years old, in keeping grandfather Isaac (and grandmother Kiyoung) busy!
JOIN A HIMSE STUDENT SOCIETY CHAPTER OR CLUB!

We have a number of student society chapters and clubs that HIMSE sponsors/supports. Please consider joining one or more of them. An added bonus is that HIMSE will pay for ONE membership per HIMSE student, so keep that in mind and let the club officers or faculty advisor know which one you want us to pay for when you join. Many of them are still putting together their officer lists for the year. Being an active member of a chapter or club helps you to network, gives you resume items, and gives you access to the professional (national) society for potential networking, scholarships, and other valuable resources! Here's a list of them and their faculty advisors:

- **APWA**-American Public Works Association (interest in public utilities, mass transit, and communications aspects of engineering) Faculty Advisor: Dr. Jae Chung
- **ASCE**-American Society of Civil Engineers (interest in all aspects of civil engineering profession) Faculty Advisor: Dr. Jill Walsh
- **ASME**-American Society of Mechanical Engineers (interest in all aspects of mechanical engineering) Faculty Advisor: Dr. Shawn Duan (for this year)
- **Cybersecurity Club** (for CS/IT and anyone interested in the industry. Many club members participate in a 2-day competition with other schools each year. Our team got 3rd place out of 11 schools last year!) Faculty Advisor: Mr. Mark Wright
- **EWB**-Engineers Without Borders (promote a sustainable world where engineering enables positive social and global development) Faculty Advisor: Dr. Jae Chung
- **NSBE**-National Society of Black Engineers (to increase the number of culturally responsible Black engineers who excel academically, succeed professionally and positively impact the community) Faculty Advisor: Dr. Corrie Walton-Macaulay
- **SAME**-Society of American Military Engineers (promotes solidarity and cooperation between engineers in civil and military life) Faculty Advisor: Dr. Frank Washko
- **SWE**-Society of Women Engineers (world’s largest advocate and catalyst for change for women in engineering and technology) Faculty Advisor: Dr. Floraliza Bornasal
- **Pi Tau Sigma**-Alpha Tau Chapter (Mechanical Engineering Honor Society -by invitation only based on meeting GPA criteria) Faculty Advisor: Dr. Daniel Einstein

FACULTY NOTES – NOTED FACULTY

**Dr. Shawn Duan**, Chair of Mechanical Engineering, has been busy advising eleven undergraduate students and one graduate student on five research projects. Five technical papers have been accepted for publication by ASME proceedings after blind-peer reviews. They are:


At least one student from each team will present their papers at the ASME IMECE annual congress this November.
GET TO KNOW THE ENGINEERING ADVISORY BOARD

Dannielle Haraldson grew up in Spokane, WA. She graduated Gonzaga U in 1996 with a Bachelor of Science in Civil Engineering and started working for Boeing that same year on the 737 Next Gen. Today, Dannielle is the Senior Engineering Manager for the P-8 Platform Structures Team. Previously, she worked as the Structures Engineering Manager for the Boeing Additive Manufacturing Innovation Center, the 737 Stress Team supporting the factory and delivery center, the 777X Wing Center Section, and 767 Tanker Empennage, Wing to Body Fairing and Fuselage. Her favorite job as a design engineer was owning the cargo door lift mechanism on the 787, before Dannielle learned the CATIA V5 kinematics, she made her design from cardboard and brads. Her career has been so varied within Boeing Structures, she has been lucky enough to work on every airplane from the 727 to the 787. In May 2020, Dannielle completed her MBA from WSU. Outside of work she loves to spend time with her new puppy, watch Gonzaga basketball, work projects on her house, and read great books. Many thanks for your continued support of HIMSE students, faculty, and staff, Danielle!

OUR ALUMNI AND WHAT THEY'RE UP TO

JORDAN WYMAN - BSME '18: Jordan is working as a Project Engineer at SJS Mechanical Services, LLC in Seattle.

GABRIEL ALVARADO - BSCS '19: Gabriel is working as a Software Engineer at Pacific Northwest National Laboratory (PNNL) in Richland, WA.

RAKAN ALZahrANI - BSME '20: Rakan is working for Emerson Automotive Solutions in Dammam, Saudi Arabia, in their Measurement Solutions department. As a trainee, he will be in rotations between several sections to learn and see what aspects of the area he likes. This also helps to build the department team, as everyone is able to get to know each other and cross-train within the department, working both in the office and in the field on projects.

CATHERINE TRAN - BSCE '20: Catherine is working as an Associate Civil Engineer for Thurston County.

TYLER SLOAN - BSCE '19: Tyler has been employed for three years at Stacy and Witbeck, Inc. and is now working in Portland, OR as a Structures Engineer.

SANJU BYANJANKAR - BSCS '20: Sanju is employed at Amazon as a Software Engineer in Seattle.

ROBERT BONE III - BSME '19: Robert is working for 3D Systems Healthcare as an Additive Manufacturing Healthcare Build Engineer creating titanium builds for production parts and supporting VSP 2.0 cutting guides.

KYLE BAMBAUER - BSME '20: Kyle has been employed for a year as an entry level Mechanical Engineer at Emerald Aire Inc. in Auburn, WA. Kyle did an internship there in 2019, which shows that doing an internship can pay off!

SAM BRADFORD - BSCS '18: Sam changed positions over a year ago and has been working for Tacoma Public Schools as a Database Developer.

KELSEY BUCKLES - MSME '20: Kelsey has been working over a year as an Aerospace Engineer at NASA in Huntsville, Alabama.

HANNA HOFFMAN - MSME '21: Hanna started as an intern at Kiewit Bridge and Marine in the summer of 2020 and is now a Field Superstructure Bridge Engineer 1 for them at their Federal Way Office.
RACHEL SUWANMANEEDANG (BURK) - BSCS ’19: Since graduation Rachel was employed as a Software Engineer at Raytheon Technologies, moved to Arizona, and got married. One busy lady!

JOANNA JOHNSON - BSCE ’18: Joanna has been a Transportation Engineer at Parametrix in Bremerton for over three years!

CONNER SNOW - BSME ’20: Conner has been employed about 7 months as a Nuclear Engineer at the Puget Sound Naval Shipyard in Bremerton.

SYED WAHIDI - BSCS ’19: Syed started a new position as a Desktop Technician at RMS Computer Corporation in Everett.

VIKTOR STANTSIYER - MEM ’19: Viktor just started a new position as a Test and Prototype Engineer 2 at Facebook Reality Labs in Redmond.

COLTON WALKER - BSME ’19: Colton has been employed for the past six months as a Mechanical Engineer in NDT tool development at Quest Integrity in Kent, WA.

WILLIAM VON DOLLN - MME ’19: William is now a Technical Program Manager 3 (contract position), working in the surface group to develop programs that align with Microsoft environmental sustainability agenda. Sounds interesting!

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 to engineering@stmartin.edu

CALENDAR AND EVENTS
- Sep 30 (Th) Engineering Advisory Board Meeting
- Oct 11 (M) Indigenous Peoples’ Day (JBLM campus closed; Lacey campus open)
- Oct 18-22 (M-F) Fall Main-00 semester midterms
- Oct 23 (Sa) Last day of classes for Fall 08/10 sessions
- Oct 25 (M) Fall 09/11 sessions begin
- Oct 25-26 (M/Tu) Fall break – only for Main 00 semester courses, NOT 09/11 session courses
- Oct 26 (Tu) Final Grades for Fall 08/10 due
- Nov 1-5 (M-f) Advising Week (NO CLASSES ON LACEY CAMPUS on Nov 3 for Advising Day, except WaV2T)
- Nov 11 (Th) HOLIDAY – Veteran’s Day/Saint Martin’s Day (no classes/campuses closed)
- Nov 15 (M) Priority registration for Spring 2022 begins
- Nov 15-19 (M-F) Mid-term exams for Sessions 09/11
- Nov 24 (W) Thanksgiving recess (no Lacey campus classes – University open)
- Nov 25-26 (Th/F) Thanksgiving Break (no classes/campus closed)
- Dec 6-10 (M-F) Study Week
- Dec 10 (F) Saint Thomas Aquinas Study Day (NO CLASSES)
- Dec 13-17 Final exams (Main-00/09/11)
- Dec 17 WaV2T graduation / Order of Engineer-Pledge of Computing Professional for Dec graduates
- Dec 20-Jan 9 Winter Break
DEAN’S CORNER

It is always a delight to read the many accomplishments of our recent alumni, listed earlier in the newsletter. One of the points of distinction for HIMSE is that we are small enough that I can say I know and remember each of these students and join in celebrating their professional successes! Their range of professional activity is amazing, and reflects the confidence employers have in the education that we offer.

Another point of distinction for HIMSE is the many professional student clubs that we have – now up to nine. These clubs support the co-curricular development of our students and offer many leadership opportunities. I am proud of their many accomplishments serving our university and surrounding community.

The school year is off to a good start. We are keeping a close eye on COVID but the university efforts to reduce risk seem to be working well. Students and faculty enjoy the move back to predominantly face-to-face instruction. It is good to see the buzz of activity in the labs.

Our outreach efforts have been slightly restricted over the last 18 months by the pandemic. We are hopeful that we will be able to host the Engineering Banquet on 25 February – please save the date for this chance to reunite with other alumni and students. We will also host an Engineering Awareness Day on 23 February, which will help us reconnect with the high schools in the area.

The department chairs are diligently preparing their materials for the ABET self-study that will be written and submitted this academic year. We have identified a few areas that may need attention and we are attending to them! After the self-study is submitted in June, the visit will be scheduled for the fall of 2022. We are particularly excited to submit the BS Computer Science and the BS Informational Technology programs for their initial ABET accreditations.

As always, I am grateful for the enduring support of alumni, donors, friends, and colleagues who together do so much to enable the success of our students. Our engineering community’s commitment to each other is one of the great strengths of the university. On behalf of the students we all serve, thank you so much!

Best wishes,

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

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