Submitted by: Laurie M. Lauzon Clabo, PhD, RN, FAAN
                   Interim Provost and Senior Vice President for Academic Affairs

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ACADEMIC AFFAIRS REPORT

3D augmented reality app helps pharmacy students study protein, drug reactions
With lead from the Office of the Provost, Computing & Information Technology (C&IT) has partnered with Eugene Applebaum College of Pharmacy and Health Sciences Professor, Steven Firestine, and Mike Ilitch School of Business alumnus, Mahmoud Mattan, co-founder and CEO of BrandXR, to create a smartphone app that displays three-dimensional (3D) models of protein-drug complexes. The project was selected by the Office of the Provost as part of their mission to make Wayne State an innovator in virtual and augmented reality technology. The free app shows how drugs interact with their targets on a molecular level — something that before was only accessible in textbooks. Using augmented reality, users are able to see how drugs and proteins interact using three-dimensional models with their smartphone camera in real-time. Students may zoom in, rotate the image, change the colors of the models, and take photos and videos directly in the app. The tool makes these models openly accessible to all, and was created with practitioners in mind, as well as students and researchers. During the 2020 summer semester, a team of pharmacy students will find ways to incorporate the easy-to-use app into faculty lesson plans for the fall. More drugs will be added to the database and students will be able to share feedback to shape the future of the tool.

ENROLLMENT MANAGEMENT UPDATES
Cross Functional Yield Groups
In an effort to decrease summer melt and boost freshman yield during the COVID-19 pandemic, Enrollment Management developed ten cross functional yield groups to engage over 11,000 admitted students. The initiative launched in March 2020 and continued through the first day of the fall 2020 semester. Each yield group includes representatives from Office of Student Financial Aid (OSFA), Undergraduate Admissions (UGA) and the Student Service Center (SSC) and is charged with supporting applicant pools of approximately 1,100 students at any given time. Additional students were added to each group as new applications and admissions offers were extended for fall 2020. Automation of this work is facilitated through a custom interface in Slate, our admissions and enrollment software platform. While our division has a history of excellent collaboration, this is the first time we've formalized cross-functional groups across units to focus on yield. Regular reporting on outcomes is delivered weekly and all team leaders are connected to an internal consultant who is an Enrollment Management colleague assigned to help with continuous program improvement.

Since project launch:
- Prospective students have received over 13,500 messages through various mediums (text, phone calls, emails, events, etc.)
- Over 8,000 students have been reviewed to completion and have either committed to attending WSU or indicated they won't be attending
- The completion of the student record review frees up valuable time that can be reallocated to students who need assistance with next steps and on-boarding
- Over 82% of FTIAC (First Time in Any College) and transfer applicants on our active list have completed all financial aid requirements

Yield group work targets specific student populations for intervention such as Heart of Detroit and Access awardees, students who have deposited or sent the FAFSA but not yet registered for orientation or classes, Pell eligible students, first generation students, and more.

Kick Start College Program
Kick Start College is a yield and student success initiative offering incoming FTIAC (First Time in Any College) students one free summer course online. 602 students completed one of four courses (ENG 1010, 1020, 3010, or COM 1010) that fulfill general education requirements. The courses were supported and designed by experts from the Office of Teaching and Learning, as well as faculty and leadership from the departments of English and Communication. Over 60 WSU faculty and staff members from numerous divisions on campus served on the Kick Start (KS) implementation teams to ensure success. Implementation teams included: Curriculum, Advising and Student Success, Operations, and Marketing/Communication.

The Advising and Student Success Kick Start team provided interventions that supported continued engagement through the semester, including:
- Peer Mentor outreach to all students, including engagement on the Wiser Warriors platform
- Progress Reports facilitated through Advising Works, to ensure students are being supported when they are experiencing academic challenges
- Individualized advising outreach to guide students in registering for appropriate full-time fall coursework

Follow up interventions will include:
- Continued monitoring of progress through Advising Works
- Advising Works tags will serve to alert assigned advisors that students were part of the Kick Start initiative. In addition, reports can be run based on this indicator to allow analysis of continued student success throughout the journey toward degree

While we are still evaluating final enrollment numbers and the grade outcomes of our KS students, see below for preliminary outcomes:

Course Enrollment Distribution:
45.9% of KS students enrolled in Oral Communication and 54.1% enrolled in one of three English Composition courses

Kick Start Course	Percentage of Students Enrolled in Course
COM 1010	45.9%
ENG 1010	10.9%
ENG 1020	40.1%
ENG 3010	3.1%
Total	100%

Course Pass/Fail Outcomes:
The vast majority of Kick Start students passed their course. Of note: Only one of 66 total students enrolled in ENG 1010 failed the course. This outcome is promising, as ENG 1010

is a building block course that includes extensive practice in fundamentals of college writing and reading in preparation for ENG 1020. In essence we've reduced their time to degree, as they can begin their fall semester with the first English course that will count toward the required general education requirements. In addition, all students who took intermediate composition, ENG 3010, passed the course.

Kick Start Course	Pass/Fail	Pass/Fail Percentage
COM 1010	Pass	95.7%
	Fail	4.3%
ENG 1010	Pass	98.5%
	Fail	1.5%
ENG 1020	Pass	94.7%
	Fail	5.3%
ENG 3010	Pass	100%
	Fail	0%

Wiser Warriors – First Year Experience
The Wiser Warriors First Year Experience (WWFYE) program, co-lead by Enrollment Management and Student Success, leverages peer- and near-peer engagement to help newly admitted first-year and transfer students become more intimately acquainted with Wayne State University. Newly admitted students joined continuing students, staff, and faculty in over 50 public community groups to learn about financial aid, student success, how to get involved on campus, living in Detroit, WSU's schools and colleges, and more. Participants use message boards, instant messaging, and events to get connected to one another, fostering a deeper connection between newly admitted students and the WSU community. Since the launch of the platform in April 2020, over 2,100 students, faculty and staff have engaged with the platform.

Students who completed Virtual Orientation were also able to participate in a post-orientation engagement experience through the Wisr platform. Beginning in September 2020, Student Success will provide programming and support through the Wisr platform to help students complete the transition to college and ensure a successful first year at WSU. In October 2020, Enrollment Management will launch WWFYE2 for all newly admitted fall 2021 first-year and transfer students.

iGrad
The Office of Student Financial Aid has purchased a financial literacy product called iGrad and will roll it out to students and staff during the fall 2020 term. iGrad is a mobile-friendly financial literacy tool that empowers both students and staff to become more financially literate. iGrad combines videos, quizzes, articles, and info graphics to cover areas such as budget and saving for retirement and all areas in between. Students and staff can link their iGrad account with the National Student Loan Database System (NSLDS) so they can utilize that information, including their specific federal loan debt amount, as they devise a plan to make payments when they graduate.

Student Services
- After fourteen months of renovation, Chatsworth Suites has been completed in August 2020, replacing the 92-year old Chatsworth Apartments. The completion of Chatsworth Suites marks the completion of phase I of the housing facilities master plan approved by the Board of Governors in January 2016.

- WSU welcomed over 1500 students into campus housing for fall 2020 semester. Students moved in over six days beginning on August 24 and all had a rapid COVID test as the first stop in arriving on campus. Our Campus Health Center partnered with the Detroit Health Department to offer the testing by appointment at two locations for our new residents. To provide students flexibility as they made their final plans, the housing cancellation deadline was extended from June 30 to August 31, and many students ultimately cancelled their on-campus housing. Campus housing is ~40% of capacity, and the Thompson, Ghafari Hall, and Chatsworth Suites were not opened for fall semester.
- In partnership with the Faculty Senate Policy Committee, the Provost's Office launched the First Day Course Materials pilot program for fall 2020, where 6000+ students in fifteen participating courses received access to their digital course materials at a discounted price and before the first day of class. The course materials are billed directly to student accounts, and students can opt-out if they want to source materials themselves. This pilot supports affordability and also student success by allowing engagement with courses on the first day of class. The average discount for participating students was 13%-55% over bookstore pricing, depending on publisher, providing over $200,000 in savings.
- New campus retail locations along Anthony Wayne Drive continue to slowly open, impacted heavily by COVID-19 and reduced traffic and sales. Beyond Juice and the Warriors Pharmacy opened in August, and 7-11 opened in mid-September 2020.

EDUCATIONAL OUTREACH AND INTERNATIONAL PROGRAMS
Transfer Student Success Center (TSSC)
- The TSSC hosted more than 650 virtual appointments with prospective, newly admitted and current transfer students between March and August. Students have the option of choosing a phone, Zoom or Microsoft Teams appointment. The TSSC also has participated in 10 transfer orientation sessions and hosted Virtual Transfer Open House. Other virtual events include Coffee and Credits on Wednesdays, when students can ask questions via Zoom and learn about next steps, and Transfer Chats on Fridays, when prospective students can learn about admissions, merit scholarships and resources that will smooth their transition to WSU.
- The TSSC has participated in several information sessions with partners including Jackson and Henry Ford colleges. During these sessions, students hear a joint presentation from Wayne State and the hosting school to learn the advantages of starting at a community college and then transferring to WSU.
- A new articulation agreement between WSU and Mid-Michigan College allows Mid students who follow a prescribed plan of study to transfer up to 82 credits to WSU while pursuing a bachelor's degree in the Mike Ilitch School of Business, saving between $14,000 and $22,000 in tuition. The institutions announced the partnership during a virtual signing ceremony featuring leaders from both schools.
- An articulation agreement has been created between WSU and the Metropolitan State University of Denver leading to a bachelor's in music from the College of Fine, Performing and Communication Arts. The TSSC hosted an information session in August for MSU-Denver students interested in transferring to WSU.

Office of International Programs (OIP)
- WSU was selected as the sole provider of orientation for 2,000 foreign Fulbright awardees who participated virtually for three weeks in August. Orientation helps grantees understand the requirements of their program, opportunities and expectations, the importance of networking and provides a cultural orientation to the U.S. 915 awardees from 127 countries took part in this first session. Asynchronous assignments were offered through Canvas and synchronous sessions on Zoom five times a day to accommodate awardees in time zones around the world. Each Zoom session included small breakout groups led by a volunteer faculty/staff facilitator from WSU, with more than 40 volunteers taking part. OIP will host orientation again in December for new awardees and those who deferred the start of their programs.
- OIP hosted eight webinars to nearly 300 newly admitted international students who had questions about the upcoming school year. Specific webinars were provided for graduate engineering admits from India; all admitted students from India; and admitted students from Canada. Overall, students from 25 countries participated.

Study Abroad and Global Programs
- Two students advised and assisted by the Office of Study Abroad and Global Programs won the Critical Needs Language Scholarship sponsored by the U.S. Department of State to dramatically expand the number of Americans studying and mastering critical foreign languages. CLS is both a scholarship program and a study abroad language training, so the students were offered the opportunity to complete their language training virtually when the travel component was canceled. One student, an MSW candidate, has been completing intensive virtual training in Hindi with counterparts in India, and the undergraduate student has chosen to reapply for the scholarship when it is safe to travel.
- Another student who was assisted by the Study Abroad team received the U.S. Department of State's Benjamin A. Gilman International Scholarship, which enables students of limited financial means to study or intern abroad, providing them with skills critical to national security and economic prosperity.
- Study Abroad and Financial Aid have continued to offer virtual information sessions monthly for new students and freshman interested in studying abroad in the future.

Executive and Professional Development (EPD)
- EPD awarded certificates to 53 working professionals from across the U.S. who are members of the National Association of County Collectors, Treasurers, and Finance Officers. The group completed their certification in July 2020 by finishing the final course in an online format.
- EPD coordinated with the Department of Computer Science to have its cyber security courses approved by the National Council for Women and Technology Regional Initiatives and Digital Skills Training Initiative. This initiative provides scholarships to women seeking professional development in the department's cyber security courses offered through its Cyber Range Hub.
- Working with the Office of International Programs, EPD provided the instructional design and faculty support for both Fulbright Gateway Orientation and upcoming Fulbright Middle East and North Africa orientation program.
- EPD completed the design of eight new workshops for the UAW Chrysler Employee Assistance Program recertification project, as well as a beginner-level K-12 computer science professional development program for educators planning to teach to the Michigan computer science teaching standards.

- The Procurement Technical Assistance Center (PTAC), part of EPD, has transitioned its 2020-21 training schedule to fully online and hosted five sessions this summer to assist Detroit's small business community build a presence in the government marketplace. PTAC also continues to update and distribute a COVID-19 Resource Playbook to help small businesses in Michigan understand resources available from the government that will help sustain them during the economic downtown.