

The Script

Spring 2020

A Message from the Dean:

New semester – New building!

By now, I hope most of you have had an opportunity to use some of the study and gathering spaces, labs and classrooms in the new six-story Aldevron Tower which opened in January. Each day I walk through the building, I enjoy hearing your thoughts about the new space and our programs. I am excited that donors of this privately-funded building will have an opportunity to tour it on May 1 when ribbon cutting ceremonies are held. You are invited to join in the historic celebration, currently set for 11 a.m.

In other important events this semester, on April 14-16, an Accreditation Council for Pharmacy Education Evaluation Team will conduct an onsite visit to evaluate the continued accreditation of our Pharm.D. program. The visit includes meetings with faculty and students of the program. It will be important that students participate in this process and more details will be available soon.

In other transitions for our School of Pharmacy, Dr. Marketa Marvanova recently resigned her position as the Chair of Pharmacy Practice to accept a new position as Dean of the School of Pharmacy in Montana. A national search is currently underway for a new Chair.

Teaching students the skills needed for professional success is the focus of NDSU's School of Pharmacy and faculty develop innovative methods to reach students. Faculty members Heidi Eukel and Jeanne Frenzel, associate professors of pharmacy practice, created an education escape room which is making its mark in higher education. They published their innovation, including all materials for others to replicate it across the nation. The approach can be used for diabetes management education and adapted for other topics. Faculty from many other institutions in pharmacy and nursing education are already using the educational escape room format that Eukel and Frenzel developed to increase knowledge and help students actively apply teamwork and team-based communication.

I look forward to hearing from you about your initial reactions to the new spaces in Aldevron Tower, as well as your thoughts on the pharmacy program, especially as accreditation approaches. My door is open.

Charles D. Peterson, Pharm.D., FASHP
Dean and Professor / College of Health Professions

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Presented by Phi Lambda Sigma



American Association of Pharmaceutical Scientists

By Sakshi Taneja, Chair, NDSU-AAPS Student Chapter

Since its beginning in the spring of 2005, North Dakota State University (NDSU) AAPS student chapter has been committed to promote pharmaceutical sciences research and encourage intellectually stimulating academic, scientific, and social interactions among graduate students, faculty, and pharmaceutical scientists. This student chapter has been organizing the AAPS-NDSU Research Symposium annually, to provide a platform for scientific growth by promoting networking amongst peers in the biomedical sciences community, inviting eminent speakers for lectures, and poster presentation sessions with exciting awards. The Sixth Annual AAPS-NDSU Pharmaceutical Research Symposium was hosted last year on September 26, 2019. The symposium was focused on recent advancement in biomedical sciences and drug discovery & development process. We invited two eminent speakers, Dr. William Thomas Gerthoffer (Reno School of Medicine, University of Nevada) and Dr. Anjaparavanda P. Naren (Department of Pediatrics, University of Cincinnati). This symposium was attended by around fifty students and faculty members from various departments of NDSU including: biological sciences, biochemistry, and engineering. The event provided a platform for presentation, discussion, and collaboration among graduate students, postdocs, academic faculty, and industry representatives on research advances in the field of Pharmaceutical Sciences. Further, the symposium grants the opportunity to enhance our knowledge on current paradigms of pharmaceutical research and technology as well as to encompass the valuable research undergoing in other areas such as biochemistry, animal and plant sciences, coatings and polymeric materials science, engineering, etc. Students from 1st year Pharm.D program (NDSU Pharmacy department) were also invited to attend the scientifically stimulating talks to promote their interest in science and pharmaceutical research. Additionally, students had the opportunity to present their research data during the poster session, which provided an enriched environment for discussion and learning.



We are proud to host such events as they not only give us an opportunity to showcase our research and talent, but also build an excellent platform for future collaborations.

American Pharmacists Association – Academy of Student Pharmacists (APhA-ASP)

By Emily Lothspeich, President Elect

The American Pharmacists Association – Academy of Student Pharmacists (APhA-ASP) is a professional pharmacy organization that strives to be the collective voice of student pharmacists, to provide opportunities for professional growth, to improve patient care, and to envision and advance the future of pharmacy.

Our chapter has had a phenomenal year with a huge increase in memberships from previous years, dedication to patient care events, and professional growth!

This past November, we had six members attend our Midyear Regional Meeting in Iowa City, Iowa where our very own, Samantha Tomberlin (P1), was elected to become Regional Delegate for the 2019-2020 year.

Additionally, our resolution on improved LGBTQ+ health education for student pharmacists and pharmacists was passed, which we brought back to our faculty to be included in NDSU's curriculum.



We've started off the spring semester strong with speakers from Thrifty White's long term care pharmacists as well as the volunteer coordinator from the Cass County YWCA. Our chapter is hosting a hygiene product drive during February and everything donated will be brought to the spa day we are providing the shelter's residents.

We hope to continue the excitement for pharmacy with 8 members who are attending annual convention in Washington, D.C. over spring break, where we will hopefully learn innovative ideas to bring back to our chapter and the NDSU pharmacy

program. Then in April, students will travel to Minot to network with North Dakota pharmacists and learn more about our state association. If you would like to become involved, our general meetings are in Sudro 21 every other Wednesday at noon and we would love to see you there!

The College of Health Professions Ambassadors

By Katelyn Miller, Historian

The College of Health Professions Ambassadors is a selective, interprofessional organization that works with prospective students, current students, and alumni to promote NDSU's College of Health Professions and serve the community. Our organization includes both pre-professional and professional students within each discipline in the College of Health Professions.

This year is a busy time for the CHP Ambassadors. We guided high school students at Discover NDSU by providing tours of both Sudro Hall and Aldevron Tower. Our organization helped usher in the next class of health professionals at Pharmacy and Nursing graduation days. The Battle of the Cent(es) is a week long fundraising battle between us and the College of Engineering Ambassadors. It is always a fun challenge for a charitable cause and we are excited to once again help host this event! Lastly, our organization is excited to welcome our next class of interprofessional ambassadors to our organization! We have many more events upcoming this year and are looking forward to continue to serve NDSU and the community.



Go Bison!

Kappa Psi Pharmaceutical Fraternity

By Morgan Klein, Historian

Kappa Psi Pharmaceutical Fraternity is a professional pharmacy organization that consists of both pre-professional students and professional students. Kappa Psi is dedicated to the advancement of pharmacy, philanthropy, and brotherhood. We are a unique pharmacy organization, because of our fraternal roots, as members enjoy being a part of the College of Health Professions and NDSU Greek Life. Kappa Psi has also held the highest GPA in Greek Life for the last three consecutive semesters!



Leadership skills are promoted through our many offices and committee positions. Before winter break, Kappa Psi held annual elections, and welcomed in a new executive team. We are excited for this new leadership and personal professional growth. Recently, Kappa Psi partnered with a local business to raise money for Reach out and Read. Reach out and Read is Kappa Psi's national philanthropy, and its mission is to supply books to children and advise families on the importance of reading at a young age. Throughout the semester our members cook meals and provide blood pressure screenings to low income residents in the Fargo community.

This spring, members from our chapter will be attending province assembly. Province assembly is a meeting where all the Kappa Psi chapters in the midwest come together and discuss new ways to advance the organization and profession of pharmacy. This meeting allows our members to make lasting connections with other pharmacy students and pharmacists in the area. Kappa Psi helps students to form close bonds with other students here at NDSU, as well as across the country.

If you are interested in joining and want to learn more information you can talk to any of our members!

National Community Pharmacist's Association (NCPA)

By Tasha Hahka, Secretary

The NDSU National Community Pharmacists Association (NCPA) consists of both pre-professional and professional students. NCPA focuses on independent community pharmacy, pharmacy ownership, and serving the community. If you're interested in any of these three things, NCPA is a great fit for you!

This fall, NCPA will be sending a group of members to the NCPA National Convention in Nashville, TN. This convention will be an excellent opportunity for students to network with other pharmacists and students, and learn more about independent community pharmacy practice through different presentations and student activities. The members who are attending are excited to share their experience at our November meeting following the conference! We are also looking forward to opportunities for members to expand their leadership and knowledge within the field of pharmacy!

Looking ahead this fall, NCPA will be holding team focused volunteering events. NCPA members will participate in "HERO," an organization that helps provide access to affordable healthcare



equipment and supplies in our local community. We will be taking part in “trick or canning” to collect canned food items for the Dorothy Day Food pantry, closer to Halloween. Also, we will be hosting our annual book drive to raise books for the Sanford NICU, along with a bake sale to raise additional money for books.

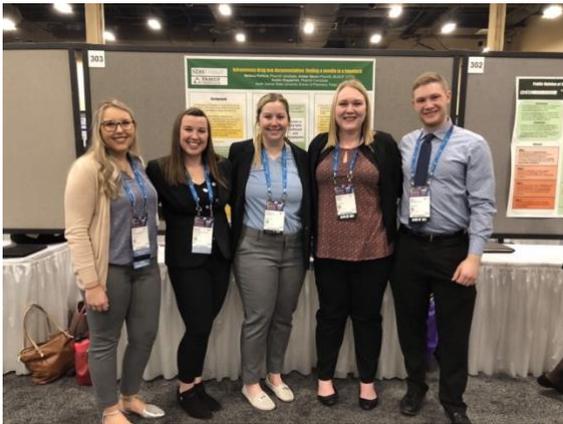
NCPA is a fantastic organization to be a part of within the College of Health Professions. If you’re interested, please don’t hesitate to join us at our monthly meetings! We look forward to a great fall semester!

North Dakota Society of Health-System Pharmacist (NDSHP)

By Rochelle Fabian, Historian

NDSHP is a professional pharmacy organization tailored to students interested in a career within the health-system discipline following graduation. The health-systems discipline includes a wide range of settings including hospital, clinic, long-term-care, and more. We strive to educate pre-pharmacy and pharmacy students about health-system pharmacy, the settings they take place in, and what steps we can take to be prepared. NDSHP’s main focus is preparing students for pharmacy residencies following graduation.

We have been very busy this last semester. Twelve of our members attended ASHP’s Midyear conference. This was a great opportunity for our members to network with residency programs from all over the country. Some of our members were also able to present their research poster projects at this conference. As a club we volunteered at the Ronald McDonald house in West Fargo, and prepared a spaghetti dinner for the families staying there. We are also putting the finishing touches on the fourth annual pharmacy ball. We have an amazing Great Gatsby themed evening planned for April 18th at the Avalon event center.



Please join us at one of our upcoming meetings if you have any interest in a career within the health systems or completing a residency after graduation.

Phi Lambda Sigma – Pharmacy Leadership Society

By Taylor Praska, Vice President

Phi Lambda Sigma (PLS) or Pharmacy Leadership Society is a professional pharmacy organization with the goal of encouraging the development of leadership skills among our members. Students are invited into the organization each fall based on involvement, leadership experiences, and scholarship.

Our organization promotes several activities in order to foster leadership skills. Each fall we participate in the Charles Thomas Leadership Challenge. The purpose of this challenge is to develop a series of events that will further leadership in the profession of pharmacy. This past semester, we proposed a series of public speaking workshops to help pharmacy students develop these



crucial public speaking skills. On April 21, we will be hosting our annual Etiquette Dinner in the Memorial Union. This event gives students the opportunity to learn proper dining etiquette and the opportunity to meet other students, faculty, and pharmacists. PLS also encourages members to attend national meetings and for these members to bring back and present information that was learned to the rest of our organization. We were excited to have members attend ASHP Midyear this past December and we will be sending delegates to APhA Annual in March.

If you are interested in joining PLS, applications will open in the fall for P1s-P3s. Please contact colton.j.iversen@ndsu.edu or taylor.olson.8@ndsu.edu if you have any questions.

Pre-Pharmacy Club

Whitney Thomas, President

NDSU Pre-Pharmacy Club is an organization on campus that is designed for pre-pharmacy students. The club was founded in the spring of 2016 and since then it averages 30 members at each meeting. We strive to expose

members of the club to aspects of the Pharmacy profession and to prepare members for entry into the pharmacy professional program. Some of the various activities we offer include guest speakers, touring pharmacies, and service events throughout the year. The upcoming spring schedule offers informational sessions from pharmacy organizations, a tour of the new Sudro Hall tower, volunteering opportunities, and a pharmacy tour. We are very excited to see what the rest of the year brings us and we would encourage you to join us on our journey into the pharmacy professional program.



Rho Chi

By Sydney Mosher, President & Tiara Hopkins, Historian.

The Rho Chi Society is a pharmacy specific academic honor society that encourages intellectual achievement, stimulates critical inquiry to advance pharmacy practice, contributes to the development of intellectual leaders, promotes the highest ethical standards, and fosters collaboration. Members are selected during their second year in the program and chosen based on academic and professional achievements. We are excited to induct our new members into the program this spring! This past fall, Rho Chi's Mentorship Program provided first year pharmacy students with valuable insight on how to be successful in the pharmacy program. The mentors and mentees grew relationships that extended beyond pharmacy coursework. We also provided weekly tutoring sessions to pharmacy students to ensure that they understood important material. Members were also involved in leading tours of the



Sudro Hall Concept Pharmacy and we are excited to show off our new NDPhA Concept Pharmacy in the Aldevron Tower.

Rho Chi members served the community by volunteering our time at the Healthcare Equipment Recycling Organization (HERO). HERO is an organization that helps to provide access to healthcare equipment and supplies for people in the community. We are looking forward to additional volunteering with this organization this semester.

Rho Chi will be hosting Silent Auction & Trivia: Are You Smarter than a Pharmacy Professor, on Friday, April 17th from 12 to 2 pm in the new Concept Pharmacy. Trivia will consist of small teams of students versus faculty members, and the questions are NOT limited to pharmacy practice. This event will also include a silent auction where students can bid on experiences offered by pharmacy faculty. Come hungry as we will be selling Walking Tacos for lunch at the event. Proceeds from this event will be donated to HERO. We can't wait to see you there!

Student College of Clinical Pharmacy

By Sabrina Wolfe, President

NDSU's Student College of Clinical Pharmacy (SCCP) organization is in its fourth year since becoming an official chapter. Our mission is to familiarize students to clinical pharmacy applications by providing information about careers and opportunities both within and outside the pharmacy world. We highlight this by promoting dedication to patient care, research, and continuous education. American College of Clinical Pharmacy, both at the national and local level, encourage skill development in areas to help students feel confident within an interdisciplinary team as well as advocating for the importance of clinical pharmacists.

Our first meeting of the spring semester was held on Monday February 10th and was very exciting! Dr. Amy Drummond, professor and pediatric pharmacist, shared some of her unique experiences within pediatric pharmacy as well as her journey back to an academic setting. For our future meetings (March 9th and April 20th), we are inviting a current area PGY1 resident and another NDSU faculty member to explore less commonly discussed areas of practice in the curriculum. We are also working on our MAPP project, which is focusing on improving health care barriers within the deaf community.



SCCP has many resources for pharmacy students through the American College of Clinical Pharmacy (ACCP). This past fall, the president and vice president had the opportunity to attend the 40th annual national conference held in New York City. We also had a team that competed in the ACCP Clinical Research Challenge on a national level and had a strong showing! Valuable career development resources are also available to help students transition into their role as a pharmacist. Membership with NDSU's chapter through ACCP does not end at the student level.

We are continuously growing and would love to add more students to our organization. We have NO membership fee and provide free pizza at every meeting. If you have any questions or would like more information, you can contact myself at sabrina.wolfe@ndsu.edu, any of the other executive members, or our faculty advisor Dr. Donald Miller.

We look forward to seeing new faces at our monthly meetings and hope everyone has a great semester!

Students of Allied Sciences Club

By Jaylee Mattis, Vice President

Students of Allied Sciences Club is a group of students interested in respiratory therapy, radiography, and medical laboratory science careers. The organization serves as a way to learn more about these majors and career fields. The group also provides opportunities to connect with other students with similar career interests and volunteer in the community.

This Spring our group will continue to volunteer in the community and strive to boost our membership. This Fall we did many events such as Project Linus, Stop the Bleed, Trunk or Treat, Salvation Army bell ringing, and Bingo at Eventide Moorhead. In January we volunteered at the local food bank. We will be making Valentine's Day cards for the patients at the children's hospital at our February meeting. We are excited to be back for another busy semester full of volunteer events and fun!



Student Nurses' Association

By Kaitlyn Reiner, President

The North Dakota State University Student Nurses' Association Chapter has been busy! Last semester, we had Nurse Blake come to Fargo and speak, which was a big hit for student nurses, current nurses, and retired nurses from all around! This semester, we have already been very busy. We attended the North Dakota Student Nurses' Association Convention: The Impact of One in Grand Forks. Attendees participated in breakout sessions, learned from nurse educators, heard from current practicing nurses, and participated in fun events such as the quarter challenge where NDSU raised \$92.50 that will go towards two nursing scholarships. We had three of our members elected to the North Dakota's State Board: Rebecca Brinkley (Director of Membership), Sam Leonard (Treasurer), and Stephanie Youngs (Legislation & Education). We want to congratulate them on their new positions! This semester, we are implementing a new nursing mentorship program. This involves nursing students in the program hosting mentor sessions for pre-nursing or nursing students to ask program related questions, work together through homework, and to help each other out. We are excited for this semester to continue volunteering, meeting new people, and providing new opportunities for our student nurses at North Dakota State University! We continue to have fun in our



organization while learning, growing, and meeting new people!