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Presented by:



The Script

Fall 2022

A Message from the Senior Associate Dean:

Staying Busy

Welcome back to campus for another year! I am sure that all of you were very busy this past summer, whether it was completing your required experiential work for your degree, job shadowing to prepare for admissions, or simply working a regular job to help pay for school this upcoming year. I am equally sure that all of you took advantage of a few (and hopefully more than a few) opportunities to relax, to have fun, and to spend time with friends and family.

Faculty, staff, other students, and recent graduates from the College of Health Professions have been equally busy this summer. Their work has led to some noteworthy accomplishments! Many of student accomplishments will be highlighted in the next few pages of The Script. However, I would specifically like to highlight a small number of amazing accomplishments in the paragraphs below.

Department of Pharmacy Practice

Dr. Brody Maack was elected to the position of Chair for the American Society of Health System Pharmacists Section of Ambulatory Care Practitioners. Drs. Jeanne Frenzel, Lisa Richter, Rebecca Brynjulson, Elizabeth Monson, and Allison Hursman gave podium presentations and presented posters at the American Association of Colleges of Pharmacy Annual Meeting in Grapevine, TX in July. Dr. Julia Muzzy Williamson passed the certification exam for Care for Extremely Low Birth Weight Neonates (C-ELBW). Lastly, Dr. Tori Rude (an adjunct instructor in, and alumnus of, NDSU's Doctor of Pharmacy program) was recognized with the 2022 Innovation in Teaching award through the Office of Teaching and Learning.

Department of Pharmacy Practice

The Department of Pharmaceutical Sciences continues to lead the University in research excellence, and in the pursuit of extramural funding. Two grants are particularly noteworthy. First, the Department

received a \$300,000 grant to purchase a Fluorescence-activated cell sorting (FACS) machine from the National Institutes of Health (NIH) through the Dakota Cancer Collaborative on Translational Activity (DaCCOTA). Additionally, Dr. Sanku Mallik and his team in the Center for Diagnostic and Therapeutic Strategies in Pancreatic Cancer received a renewal of their NIH COBRE grant (approximately \$10 million in total funding) for the next five years.

Department of Public Health

This past year, the NDSU Department of Public Health wins the ND Public Health Association "Public Health Team of the Year" award from the North Dakota Public Health Association. Murphy Anderson (CIRE vaccine communications project manager) was named an Aspen Institute Health Fellow. Lastly, MPH student Leonela Nelson was a part of a team that traveled to Oxford and won 2nd place in the global Map the System competition. The team also won the competition's Audience Choice Award.

Department of Allied Sciences

Students from NDSU and the Sanford Medical Center Fargo School of Radiography received awards during the Scientific Exhibit and Scientific Essay competition hosted by the North Dakota Society of Radiologic Technologists at the NDSRT Annual Educational Conference.

A recent graduate from the NDSU MLS program has taken on a leadership position at Sanford Medical Center Fargo. Elizabeth Jones graduated from NDSU with a BS in MLS in the spring of 2019. She took the position of MLS Education Coordinator during the summer of 2021. Of her time at NDSU, she said "the most impactful part of my experience at NDSU was the people I was surrounded with. I was guided to build confidence, maintain integrity, and to be courageous. These were not attributes I naturally had, but have been vital in my professional endeavors." Recent graduates of the Respiratory Care program have also been taking on new and interesting challenges. For example, one recent graduate has decided to become a perfusionist, a very unique specialty who assists in performing extracorporeal circulation procedures during open-heart surgery or therapy for hypothermia.

Health Services Program

The Health Services program has been working diligently to secure opportunities for its students to complete experiential work at a number of different clinical partners. This summer, students completed their internships in a variety of new practice settings, and within a

number of different organizations, including Essentia Health, CCRI, and Sanford Health.

School of Nursing

Drs. Mykell Barnacle, Dean Gross, Adam Hohman, Allison Peltier, and Heidi Saarinen are completing the 4th year of the HRSA Advanced Nursing Education Nurse Practitioner Residency Program in partnership with Essentia Health. Throughout the program they have offered workshops on wound care, selected procedures, emergency preparedness, and managing mental health problems. Dr. Kathleen Swanson has been credentialed as an Advanced Facilitator for Systems Thinking by the Waters Center. Lastly, a grant team led by Kelly Buettner Schmidt submitted to the ND Department of Health an extensive report on the chemical analysis of e-liquid ingredients. The report was a culmination of work by a multi-university, inter-disciplinary team including researchers from NDSU (and the School of Nursing, the School of Pharmacy, and the Department of Statistics), Roswell Park Comprehensive Cancer Center (Buffalo, New York), and Montana State University.

As these accomplishments indicate, great things are happening in every program in the College! Keep up the great work! As always, if you have feedback that would allow the College to improve its programs and further build upon its tradition of excellence, I welcome that feedback.

The fall semester typically starts slow. After a few weeks, the pace of exams, papers, and projects picks up speed. I encourage you to prepare for the increased activity by planning your schedule wisely, work only as many hours as you need, and build in some personal time to your schedule. I especially encourage you to make time for self-care, and find positive outlets to reduce stress. As a student, if you are struggling with your mental health and well-being, I strongly encourage you to contact the NDSU Counselling Center. Services are free for enrolled students. The Counselling Center is now located at the Stop-and-Go Center (1919 North University Drive) northeast of the FargoDome.

Sincerely,

Dan Friesner, Ph.D., Senior Associate Dean and Professor, NDSU
College of Health Professions

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

By: Sarah Wirz, President

The American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP) is a professional pharmacy organization meant to be a collective of student pharmacists' voices and talents with the shared purpose of creating a positive impact for our students, in our community, and to advance the future of pharmacy.

This past spring, we were proud to look back on a year of community service, patient care projects, leadership and professional development, and our APhA Annual Meeting and Exposition. Looking forward, our executive team is planning a year of new projects and outreach events. We are teaming up with the ONE Program to bring Naloxone training to campus residence life, promoting Snap the Stigma and mental health awareness, bringing medication safety education to middle and high schools in the area, and more!

For the first time in years, we are sending members to a live Midyear Regional Meeting in Minneapolis, MN where they will network with students from other pharmacy schools as well as pharmacists in a career expo. They will vote for regional officers to sit on the national APhA committees and propose a new policy resolution for the chapter. We also plan to attend APhA Annual again this spring, in Phoenix, Arizona.

As we look forward to this year, we are excited to welcome new members! Our meetings are once a month on Wednesdays 12-1 PM, or you can email sara.hoag@ndsu.edu for questions regarding membership. We look forward to seeing you at APhA-ASP!



The College of Health Professions Ambassadors (CHP)

By: Anna Skarphol, Public Relations Chair

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 has already been busy for the CHP Ambassadors. During the past month, we had the privilege of raising funds for children's cancer research through our yearly "Cookies for Kids' Cancer" bake sale. Members from our organization baked and packaged cookies to be sold in Aldevron over the lunch hour. We have also helped to staff the nursing and pharmacy

White Coat events. In the future months, members from our organization will have the privilege of providing tours of Sudro Hall and Aldevron Tower to prospective high school students at various NDSU recruitment events. This is a great opportunity for the College of Health Professions to show off our state-of-the-art nursing simulation lab and pharmacy lab spaces.

Go Bison!



Christian Pharmacists Fellowship International (CPFI)

By: McKayla Christianson, President

Christian Pharmacists Fellowship International (CPFI) is a Christian fellowship organization for pharmacy students of all years (pre-pharm included). We gather once a month for a meeting that involves challenging each other to share and grow in faith and learn more about integrating faith into practice. We share in devotion, prayer, struggles and successes in addition to having a guest speaker at most meetings.

Throughout this fall semester we will have a couple of opportunities to serve the community. The first event is the "Boo at NDSU" event with the NDSU Soccer team for a family friendly Halloween trunk-or-treating event which we plan to host a carnival game and pass out candy to kids. Our other main event during the fall semester is hosting a facility appreciation breakfast for the facility and the School of Pharmacy staff. During the spring semester we will complete our MAPP project in which we plan to collaborate with "Sole Hope" to host a "Shoe Party." This event will include us taking time to cut out patterns in denim to send over to Uganda. Once in Uganda these patterns get made into shoes that will help prevent jiggers from burrowing into children's feet.

Our meetings and events are open to anyone interested. If you have any questions, or would like to join CPFI, please reach out to me at mckayla.christianson@ndsu.edu.



Kappa Psi Pharmaceutical Fraternity

By: Makenna Hesch, Historian

Kappa Psi Pharmaceutical Fraternity is the largest and oldest pharmacy fraternity, founded in 1879 in New Haven, CT. Our fraternity is co-ed, and we welcome both pre-pharmacy and pharmacy students. Our mission is to promote leadership, philanthropy, and advancement in the profession of pharmacy.

Kappa Psi members are given many volunteering opportunities to gain leadership experience. On September 23rd, 2022, we will be holding our annual philanthropy event, Fries with Kappa Psi, where we collect books and sell French fries to raise money for Reach Out and Read. We participate in smaller volunteering events as well, such as participating in vaccine clinics and sorting donations at Micah's Mission in Moorhead, MN.

One unique thing about Kappa Psi is that we are a part of NDSU Greek life as well as the pharmacy community. We enjoy collaborating with other Greek chapters and pharmacy organizations. Earlier this semester, we held the "Pharmacy Club Grill Out," where those interested in getting more involved in pharmacy could come to the Kappa Psi house to enjoy free food and learn more about all the pharmacy organizations. Later this fall, we look forward to making tie blankets with Tri Delta for children in need with Project Linus.



Our members are excited to attend the province assembly this fall in Iowa City, where Kappa Psi's in our region come together and develop ways to improve our organization while promoting leadership within the pharmacy profession. At last semester's assembly, our member Morgan Klein won the "Brother of the Year" award!

Benefits of joining Kappa Psi include officer and committee positions for members to enhance their leadership skills, engaged alumni that are happy to give insight on how to become a successful pharmacist, and scholarships that are rewarded to members for their achievements. Feel free to email either of our social chairs, natalie.schuh@ndsu.edu or madi.wutzke@ndsu.edu, about joining or more information!

National Community Pharmacists Association (NCPA)

By: Leandre Kalhagen, Secretary

The NDSU National Community Pharmacists Association (NCPA) consists of both pre-professional and professional pharmacy students. Our organization's focus is on independent community pharmacy, pharmacy ownership, and serving the community.

As an organization, NCPA helps to serve within the Fargo-Moorhead community by participating in various outreach events and volunteer opportunities. Last spring, we completed a book drive where we donated 130 various children's books to the Sanford NICU. These books allow new parents to bond with their children when the circumstances of their care make it difficult for the parents to interact with their new baby.

In previous years, we have also volunteered with the Dorothy Day food pantry and the Salvation Army. We will be discussing and choosing our volunteering event for this semester during our September meeting.



In addition to our volunteering events, NCPA also hosts guest speakers that talk on new/relevant topics or interesting avenues within community-based pharmacy practice. Previously we invited, Dr. Brody Maack, an ambulatory care pharmacist at Family Health Care and professor at NDSU, to speak on the pharmacist's new role in tobacco cessation in community practice. We also had Dr. Leslie Satterlund, a pharmacist at Prairie Pharmacy and Green Goods, a cannabis dispensary in Moorhead, speak on her non-traditional community experience and other avenues of pharmacy practice. We continue to strive to find knowledgeable individuals to share their experiences on new and interesting topics in the community pharmacy profession.

Lastly, NCPA will be sending a group of its members to the NCPA National Convention in Kansas City, MO later this semester. This annual convention provides students with an excellent opportunity to begin networking with pharmacists and other pharmacy students and learn more about independent community practice through different presentations and student activities.

NCPA is a fantastic organization to be involved in within the College of Health Professions. If you are interested, please join us at our monthly meetings every third Monday at noon in Aldevron 350. We are looking forward to a great fall semester!

North Dakota Society of Health-System Pharmacists (NDSHP)

By: Sydney Dykhuizen, President



NDSHP is a professional pharmacy organization that focuses on careers within the discipline of health-systems including clinic, hospital, long-term-care, and more. The organization aims to educate pre-pharmacy and pharmacy students interested in this area about what roles a pharmacist plays in these settings and what students can do now to prepare for residencies following graduation.

This semester we are looking forward to volunteering at a flu shot blitz clinic, the NDSU Residency Showcase on Friday, September 16th from 10-4pm, the Clinical Skills Competition also on Friday, September 16th from 8-10am, the NDSHP Summit on Tuesday, October 4th from 12-5pm, and the ASHP Midyear Conference on December 4th-8th. We will also be hosting Battling Burnout with Bowling at the NDSU bowling alley, anyone is welcome to attend this event!

These will be great opportunities for students to apply and practice pharmacy-based knowledge, learn more about residency, and network with pharmacists and residency programs. Please attend one of our upcoming meetings this semester if you have any interest in a career within a health system or completing a residency. Contact Sydney.Dykhuizen@ndsu.edu with any questions!

Phi Lambda Sigma – Pharmacy Leadership Society (PLS)

By: Rose Yang, Historian

Phi Lambda Sigma (PLS) or Pharmacy Leadership Society is a professional pharmacy organization with the goal of encouraging, promoting, and recognizing 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 upcoming semester, we proposed a series of events to promote advocacy of pharmacy from students, faculty, and alumni. The residency workshop has a new name called "Next Step Prep" which is an opportunity we offer to students this fall semester who are interested in a residency and who are not. We will go over program requirements, CV preparation, a financial advisor will come in and discuss what happens to student loans after college, and we will give students an opportunity to speak and ask questions to the pharmacy residents and financial advisor. This event will occur around October 6th! We will be hosting our annual pharmacy jacket sale soon through email. PLS is also planning a winter item fundraiser next semester which will include mugs, hats, and etc. We will be hosting the Etiquette Dinner this spring during the month of April, which will give students the opportunity to learn proper dining etiquette and the opportunity to meet other students, faculty, and pharmacists. The MAPP Project will be held this April, PLS members will volunteer at the FamilyHealth Care Clinic while educating patients on smoking cessation. 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 did send delegates to the APhA Annual Meeting last year during March. We will also be sending delegates to the National PLS House of Delegates meeting next semester in April.



P1s-P3s are welcome to join PLS, new member applications will go out through email around October 2nd and will be due around Oct 23rd!! If you are interested in joining PLS, applications will open in the Fall for P1s-P3s. Please contact baylee.j.berg@ndsu.edu or makenna.hesch@ndsu.edu if you have any questions!

Pediatric Pharmacy Association (PPA)

By: Conner Armstrong, President

Pediatric Pharmacy Association (PPA) is a pharmacy organization aimed at educating its members and the community about the safe and effective of medication in children. This organization was founded only recently in Spring of 2021 and we are steadily growing with members pre-professional and professional student members. We think it's important to learn about pediatric patients because as a pharmacist you will encounter pediatric patients in any setting.



This year will be a busy one for PPA, as we strive to provide our members with varied community outreach opportunities and speakers from both community and hospital settings. A few of the individual and group community volunteering opportunities we are looking to provide this year include Homeward Animal Shelter, Zach's Foundation, Ronald McDonald House, Cobber Kids, Hope Blooms, and more! We also hope to meet our community's needs by providing pharmacy antidepressant information pamphlets to local elementary school and middle school nurses and psych centers. We may also tie this into a research project focused around writing a review article of available literature of antidepressants in pediatric patients. We are also looking for opportunities to educate students not within the health professions within NDSU. Lastly, we will be hosting a food drive for the Ronald McDonald house and other fundraising events to support other local organizations and PPA. Our organization is member focused and driven and we look forward to providing them with all the opportunities we can!

Rho Chi

By: Madelyn Johnson, President

Rho Chi Pharmacy Honor Society seeks to advance pharmacy through sustained intellectual leadership. Our mission is to encourage and recognize intellectual achievement, contribute to the development of intellectual leaders, promote the highest ethical standards, and foster collaboration. The honor society consists of the top twenty percent of each pharmacy class. Members are selected during the spring of their second year in the pharmacy program based on their academic and professional achievements. Twelve new members from the Class of 2024 were inducted into the Honor Society in April 2022. The members are excited for the upcoming semester and looking forward to their last year of didactic schooling!



Rho Chi members are excited to begin the semester with our mentorship program which will foster a relationship between pharmacy students. First-year pharmacy students and EAP pharmacy students will have the opportunity to build a relationship with a third-year pharmacy student. The program allows for younger pharmacy students to gain a resource, friend, and mentor who was in their shoes not too long ago. The mentor will be able to answer questions, provide resources, and give advice to the students involved with the program. The goal is to create a long-lasting relationship that will benefit both students throughout their pharmacy careers. Rho Chi members will also be assisting with tours of the Concept Pharmacy and Aldevron Tower for incoming students or alumni throughout the semester. Through the tours and activities performed during student visits, members will be able to boost their networking and leadership skills. Rho Chi Honor Society looks forward to engaging with students, faculty, and alumni during the semester and gaining skills to achieve our vision and mission.

Student Nurses' Association (SNA)

By: Michael Brambrink, President & Nursing Guide

Student Nurses' Association (SNA) is gearing up for a terrific fall semester. Currently we are in the planning phase of securing service opportunities and volunteer events to best serve the Fargo-Moorhead Community, as well as the NDSU Community. As of now, we are excited to be a part of the Out of the Darkness Walk through volunteering and formation of a team. This is an event dedicated to raise awareness regarding suicide and mental health in communities. SNA is also in the works of volunteering again with Harvest of Hope, a community event dedicated to raising awareness for Huntington's Disease. As always, the homecoming parade is on our radar, as it is truly amazing to see the community of Fargo and their support for NDSU's student organizations. Along with these service projects, we hope to continue our projects with the local Neonatal Intensive Care Unit, through the creation of tie-blankets, as well as creating "chemo care baskets" for the local oncology floor, amongst other projects.

Other excitement this semester is the planning for the North Dakota Student Nurses' Association convention – where the theme this year is "More Alike Than Different". Last semester, NDSU's very own, Moehmin Jaffal won the North Dakota Student Nurse of the Year (SNOY), now with a position on the ND State SNA Board. We are very proud of his accomplishments and representation of NDSU Nursing. SNA also just welcomed in the new direct admission students to the



nursing program and cannot wait to see their leadership and confidence grow through their NDSU careers. SNA is once again welcoming community nurses to speak at meetings regarding avenues of nursing and the many directions a BSN degree can take an individual – this past semester we were able to hear from an ER nurse, psychiatric nurse, travel nurse, and OR nurse: as an organization, we are humbled that individuals take time out of their busy schedules to enlighten our group. We are extremely excited to see what this year has in store for our NDSU SNA Members!