

PRECEPTOR NEWSLETTER

NDSU SCHOOL OF PHARMACY

DECEMBER 2021

Pharmacy School Enrollment & Intern Hours

The NDSU School of Pharmacy is currently in the process of evaluating applications for admission to the professional pharmacy program for the 2022 Fall Semester. While we continue to admit up to 85 qualified applicants per year, the Pharmacy Admissions Committee has admitted substantially fewer than 85 students per cohort over the past few years. As of the Fall 2021 semester, there are 55 P1 students, 66 P2 students, 73 P3 students, and 68 P4 students in the professional program. Our numbers are consistent with national trends, where applicants have declined consistently and steadily for the past 5 years. National reports indicate that, across the U.S., the number of submitted applications is only about half (52%) as large as in 2017. The Pharmacy Admissions Committee has made a conscious decision to ensure that the quality of our admitted students is consistent with previous years, even if that means a smaller cohort of professional students. The average selected GPA was approximately 3.71 in 2021 (compared to 3.69 in 2020, 3.68 in 2019, 3.69 in 2018, 3.69 in 2017); and the average PCAT score was approximately 51.11% in 2021 (compared to 46.88% in 2020, 54.88% in 2019, 56.85% in 2018, and 54.89% in 2017). Most of our applicants now complete the PCAT exam at the end of their first year in College (and without much of the coursework covered on the exam), and so to score above the national median (against students who are 1-2 years further along in their studies) is truly an impressive accomplishment!

We are continuing to revise our recruiting and our admissions practices, as well as our pre-professional curriculum, to ensure that the NDSU pharmacy program has access to a strong, well-qualified applicant pool. Our Early Admissions Pathway (EAP) initiative was implemented in 2018. Students are offered admission to EAP during their first year in college. Last year, we added two new pathways to the Doctor of Pharmacy program. The first pathway – the Post-Baccalaureate Pathway – is designed for students who hold a bachelor degree in a health field or in a STEM field focusing on the biological, chemical, or physical sciences. This pathway provides a more flexible pathway for these students to meet our admission requirements and immediately apply to our program. The second pathway – the Pharmacy Technician Pathway – is designed for select pharmacy technicians who have previous academic credit and wish to continue their studies and become a pharmacist. Lastly, the School of Pharmacy created, and is seeking to internally fill a new position - the Pharm.D. Program Recruitment Director - to provide leadership and direction related to faculty and student involvement in recruitment into the PharmD Program in coordination with recruitment efforts and personnel already in place. Based on these changes, expect our applicant pools to slowly and steadily increase over the next few years. Over time we expect to admit incoming classes of 70-75 students per year.

With the decline in our admitted cohorts of professional students, the pool of available pharmacy interns has inevitably declined as well. The NDSU School of Pharmacy **highly encourages** our pre-professional and professional pharmacy **students to work as interns**. For pre-professional students, working as an intern provides valuable experiences which help the students understand if pharmacy is the right career for them. For professional students, working as an intern helps them to draw connections between what is taught in the classroom (and labs) and professional practice. The School of Pharmacy does emphasize setting reasonable work expectations that allow them to be successful in the professional program and to maintain a healthy

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work-life-study balance. We explicitly discourage students from regularly working 40 hours per week as an intern, as this would not create a healthy balance for most students. We find that students who work 15-20 hours per week, on average, are able to effectively manage all of their responsibilities. We encourage students to find their own optimal balance, using 15-20 hours per week as a guideline.

As stakeholders in NDSU's Doctor of Pharmacy program, we welcome your feedback and suggestions about how to improve our applicant pool, and in doing so, ensure an adequate pool of pharmacy interns and graduates. We also ask for your assistance in i) promoting pharmacy as a rewarding profession to prospective pharmacy students, and ii) promoting NDSU's Doctor of Pharmacy program as a high quality, cost-effective means of pursuing a career in pharmacy. I encourage you to contact either myself or the Pharm.D. Program Recruitment Director (once hired) with your thoughts and suggestions.

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

Addressing Academic and Professional Misconduct in Rotation Students By Emily Lothspeich

While academic and professional misconduct are rare in professional students it is important to know what to do if it occurs. On a recent American Association of Colleges of Pharmacy (AACCP) preceptor survey, only 71.6% and 74.8% of NDSU preceptors agreed they knew how to utilize policies addressing academic and professional misconduct, respectively, as compared to the national average of 82.3% and 85% of preceptors. The NDSU Experiential Education office has created a new student led preceptor development teaching sheet (Academic and Professional Misconduct) detailing the NDSU School of Pharmacy policies related to misconduct.

What qualifies as misconduct on rotations?

Academic misconduct may include:

- Plagiarism: submitting work that is not entirely the student's own, without attributing such portions to their correct sources
- Fabrication: falsifying data in scientific/clinical research, papers, and reports
- Violation of any IRB and or university research process



Emily Lothspeich
Class of 2022

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Professional misconduct may include:

- Any violation of a clinical site's policy or a legal policy
- Entering rotation site habitually late or leaving early, without prior permission from the preceptor
- Approaching preceptor, other pharmacy staff, healthcare professionals, or patients in a disrespectful and inconsiderate way
- Unprofessional dress according to rotation site or NDSU School of Pharmacy policies
- Violation of patient respect and confidentiality
- Computer usage that violates NDSU or rotation site policies

How do I report misconduct?

- Discuss the behavior with the student as soon as able and follow practice site policies
- Refer to the [NDSU | School of Pharmacy Handbook 2021-2022](#) section on Student Academic & Conduct Standards Policy 3.01 (Also located in the Preceptor Handbook on Homepage of eValue)
- Preceptors should report academic or professional misconduct to the Experiential Education office
 - For APPE students – contact [Teri Udem](#)
 - For IPPE students - contact [Rebecca Brynjulson](#)
 - And/or for all students the [Senior Associate Dean, Dan Friesner](#) ASAP and within 7 days of the incident

APPE Rural Rotation Updates

One way to help fulfill our land grant mission at NDSU and serve patients of our region includes completion of a rural APPE rotation for NDSU pharmacy students. NDSU values our rural partners and plans to continue the school specific requirement of completion of this rotation type. In the past regardless of type of rotation that was completed in a rural setting (community, institutional etc.) this only counted as a rural rotation and students still needed to complete the other four ACPE required rotation types (community, institutional etc.). Due to some changes with our rotation management system, we are now able to “double count” these rural rotations. For example, if the rotation is a community rural site the student will get credit for both the rural and community requirement and not be required to complete a second community rotation. This will allow students to complete the four ACPE required rotation types and increase from three to four electives while still maintaining the rural rotation requirement. We hope this will give students more opportunities to customize their rotation year to areas of interest while still serving the needs of the citizens of ND and our region.



Rotation Management System Changes

Recently a task force conducted a thorough review of our current rotation management system (eValue) vs. other systems currently on the market (CORE). Main advantages of converting to the CORE system include: improved system support (as was confirmed by our own contacts at other schools), a library of how-to videos, high number of pharmacy school users which was deemed important with upcoming ACPE accreditation standards updates, intuitive menus for users and significant cost savings compared to the current system. The change was approved by the NDSU Experiential Education committee (which includes multiple adjunct preceptors) and the NDSU Leadership Committee. Conversion to the new system will happen with 2023-2024 rotations and additional information will be shared as the conversion gets closer.



NDSU Library Resource Changes

The College of Health Professions has acquired some additional resources to support students and preceptors. Through an endowment fund obtained by the Library, we have secured new online subscriptions to both Access Medicine and Pharmacotherapy Principles and Practice. These can be found by using your NDSU library login information (contact Mark.Lofgren@ndsu.edu if need access) on the library website and searching under “databases” for Access Medicine. This adds to our current subscription of Access Pharmacy. You may need to create a MyAccess Account to access the information. There is also an Access Medicine app that has some diagnostic-based resources and treatment pathways (some similarities to UpToDate). Additionally, the Facts & Comparisons contract recently ended but preceptors still have access to the Micromedex database (including the app) and numerous journals available through the NDSU Library.

Winter Weather and Rotations *(First printed in 2019)*

By Teri Udem, MS, RPh

I am sorry to say that winter is upon us. While I am sure we all enjoy the beauty of a snow-covered landscape, treacherous winter driving is fun for no one!

Safety of the student is the priority, but at the same time, 200 hours per APPE rotation are also required. Students are instructed to follow the school closings in their area for guidance on attendance at rotations. Take for example, if a student is living in Fargo and commuting to Valley City, ND, if NDSU or Valley City Public Schools close, the student can contact the preceptor about not making the commute. If a student is in Ft. Myers, FL and NDSU closes due to inclement weather conditions, the student is expected to report to their rotation. If there is a hurricane in Ft. Myers and schools close but NDSU is open, the student can contact the preceptor about not reporting to the rotation. Ideally, weather-related issues are a two-way discussion between student and preceptor. In the end it is all about keeping students as safe as possible when traveling for rotations.



If a student does miss rotation hours due to inclement weather, the student is required to make up all missed hours, even if NDSU is closed. How these hours are made up is at the discretion of the preceptor. Some examples of ways to make up missed rotation hours are extended shifts, additional shifts, weekend hours and special projects. If you have additional questions about inclement weather travel, please contact the Experiential Education Office.

Precepting the Challenging Student

By Teri Udem, MS, RPh

“I can’t believe my student is late again!” It’s understandable every now and then. We’ve all had mornings that do not go as planned and find ourselves running behind schedule. But what if your student is habitually late? First, any missed hours must be made up by the student. How these hours are made up is the sole discretion of the preceptor. Preceptors can require students to come to work early, stay late, work a weekend shift, or complete a special project, either onsite or at home. Typically, students held accountable for their hours realize that it is easier to just show up on time.

Preceptors may also ask for proof of why a student is tardy. If the student claims a fender bender, ask to see the police report. If a student claims to have overslept or some other non-verifiable event, preceptors can assign extra projects such as investigating three time keeping mechanisms to prevent oversleeping. Again, more effort than just being on time!

Challenging Student continued on next page

Preceptors may dismiss the student from the rotation for the day. This action sends a clear message that tardiness will not be tolerated. My recommendation is to reserve this action for students who are habitually late and have non-verifiable excuses. Often, letting a student know that future tardiness will result in dismissal for the day is all that is needed. Again, more effort than just being on time!

Finally, habitual tardiness is classified as professional misconduct and should be reported as such to the school and on the mid-term and/or final evaluation. Preceptors may also report professional misconduct to the Experiential Education office.

- For APPE students – contact [Teri Udem](#)
- For IPPE students - contact [Rebecca Brynjulson](#)

Documented professional misconduct on the APPE final evaluation requires professionalism remediation of the student. These students meet with the APPE Director and create a performance improvement plan. IPPE students are followed up with by the IPPE Director.

CAP Center Updates

By Lisa Nagel PharmD

Thank you for the amazing amount of interest and excitement since our Inaugural CAP Center Symposium in September. The team is excited to share what has been happening!

Since the symposium, there have been **3 NEW** project proposals that have been submitted to the CAP Center. Members of the Center have met with each group to brainstorm, discuss process, feasibility, application, and next steps. Each project is gaining momentum!

The CAP Center is actively working on the following initiatives:

- [The ONE Program](#)
- Addressing vaccine hesitancy
- COVID 19 vaccine practice in North Dakota community pharmacies
- Hepatitis C screening in pharmacies
- Tobacco cessation
- Expansion of billable pharmacy services

The projects listed above are highlighted on the CAP Center website: [Projects | CAP | NDSU](#)

The formation of the Advisory Council is just beginning. This will be a group of professionals that will provide advocacy and guidance to the CAP Center. The CAP Center team will be reaching out to individuals to serve on this council to allow diversity within the council. The first meeting of the Advisory Council will be in the first quarter of 2022.

The CAP Center has the unique ability to work with practicing health care professionals, individuals, collaborators, and innovators to improve patient care throughout our state. The team at the CAP Center is excited to work with you and hear your story!

The CAP Center provided education on [COVID vaccines from Sanford pediatrician, Dr. Bakke](#), and will be providing CE coming in January and February, so please watch for announcements! If you have any questions on what CAP can do for you, please contact the [CAP Center Director, Elizabeth Skoy](#) or the [CAP Center Operations Director, Lisa Nagel](#).

Check out our website! [CAP | NDSU](#). Watch for our social media coming soon!

Select CEImpact Offerings (1 hr each)

- Biostatistics Refresher (Great for any BPS Board Certification Preparation)
- Supportive Care for Oral Chemotherapy Patients (Journal Club)
- Weight Loss with Semaglutide – An Easy STEP (Journal Club)
- All Preceptors' Hands on Deck in Breaking the Barriers of Structural Racism
- Generational Shift: Why We Should Modify our Instructional Strategies for the Next Generation of Pharmacists
- Preceptor Self-Assessment: Jump Start Continuing Professional Development



We've partnered with CEImpact to bring you
PRECEPTOR DEVELOPMENT
that offers Continuing Education.

North Dakota State University Subscription Code: **NDSU21**



From E'Value
Click on Learning Modules > CEI



Login to CEI account
and Enter Access Code

A screenshot of the CEI Preceptor Catalog. The "Preceptor Catalog" header is visible, along with a banner for a "LIVE JOURNAL CLUB". Below is a "Preceptor Course Finder" table with columns for Title, Orientation, Journal Club, Behavior Experience, Teaching, Feedback/Communication, Role Modeling, Time Management, Date, Course Type, Duration, Rating, Cost, and a checkbox. The "Cost" column shows "NO COST" for several courses, which are highlighted with a yellow border.

| All Courses | Orientation | Journal Club | Behavior Experience | Teaching | Feedback/Communication | Role Modeling | Time Management | Date | Course Type | Duration | Rating | Cost | |
|---|-------------|--------------|---------------------|----------|------------------------|---------------|-----------------|-------------------|-------------|-----------|--------|---------|---|
| ATCDS 3: The Spreads on Angerment for Septic Shock* | | | | | | | | | On Demand | 1hr 20min | ★★★★ | NO COST | ✓ |
| Ear to the Bone: Oral versus IV Antibiotics for Otitis Media and Ear Infections** | | | | | | | | | On Demand | 1hr 20min | ★★★★ | NO COST | ✓ |
| Escaping the Ordinary: Educational Escape Rooms** | | | | | | | | | On Demand | 20min | ★★★★ | NO COST | ✓ |
| Feeling the Burn? The Impact of Burnout in the Pharmacy Profession** | | | | | | | | November 13, 2019 | Live | 1hr 20min | N/A | NO COST | ✓ |
| SCD20 and Improved Patient Outcomes: Establishing CREDENCE** | | | | | | | | | On Demand | 1hr 20min | ★★★★ | NO COST | ✓ |
| Stop Accidents: Time to go to it! Blast!!** | | | | | | | | | On Demand | 1hr 20min | ★★★★ | NO COST | ✓ |

Click on the Pharmacist and/or Preceptor Catalog. Courses available to you will be listed as NO COST within those libraries. Sort Courses by Categories.

Upcoming Events

IPPE/APPE 2022-2023 rotation schedule available to preceptors

Late January/Early February 2022

From The Schoolhouse CE: Vaccine Updates - Adult & Pediatric

Jessica Allen CDC Foundation/ND Dept of Health

January 25, 2022 12-1pm CST

North Dakota Annual Pharmacy Convention

March 10th – 13th, 2022

Radisson Hotel Downtown Bismarck, ND

NDSU Spring Commencement Ceremonies

May 14, 2022 FargoDome

First Day of APPE/IPPE 2022-2023 Rotations

May 23, 2022



Rebecca Brynjulson,
PharmD, BCACP

Director of IPPE and Assistant
Professor of Practice
701.231.7477



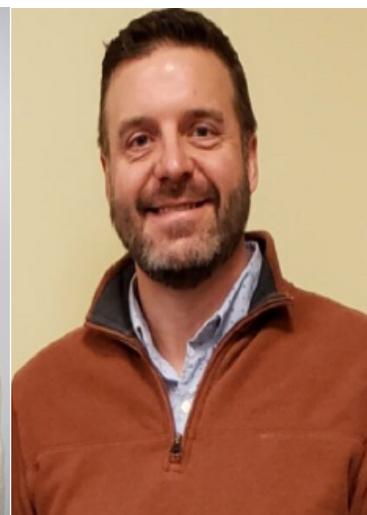
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