

PRECEPTOR NEWSLETTER

NDSU SCHOOL OF PHARMACY

JUNE 2020

COVID - 19 Updates

This year is turning out to be an interesting time in pharmacy, including experiential education. We greatly appreciate everything that preceptors did this spring to help our 2020 class all be able to graduate on time.

NDSU approved continuing to require 1440 rotation hours for APPE (required by ACPE) instead of 1600 hours (previously required by NDSU) for 2020-2021 due to the current pandemic. This means students complete seven rotations (1400 hours) plus an additional 40 hours of work during any of their scheduled rotations. If extra hours are completed during your rotation, please adjust the affidavit to reflect the additional hours.

Required rural rotations are also waived during 2020-2021 due to the pandemic as they are not required by ACPE. Rural rotations that are able to be completed as scheduled are expected to be completed. This year if a rural rotation falls through, an ACPE required rotation will replace a makeup rural rotation if available.

If you are currently scheduled for a student rotation 8 and/or 9 (Feb 22-April 30th), we are planning for those rotations as scheduled at this time in anticipation of summer and/or fall rotations that will not be able to be completed due to site restrictions on students. This may change based on rotation availability. Additionally, the student you are matched with may change based on scheduling needs.

NDSU P1 students will be able to complete institutional (previously scheduled) or community (normally scheduled for P2 students) IPPE rotations this summer, depending on site availability. If students are not able to be scheduled for either IPPE rotation they will need to complete both IPPE rotations next summer.

NDSU P2 students will complete a community IPPE rotation if available. If not available, they may do their community IPPE block 1 of their APPE year and then complete all APPE rotations next year without an off block.

A task force was created to address IPPE sequencing which has been a topic of frequent discussion on site visits. The task force, which included multiple preceptors, recently recommended to the curriculum committee to switch the order of IPPE to community first followed by institutional which was approved. COVID-19 will allow for a nice transition to this new sequencing which is one silver lining of the current situation. This change will officially go into effect next summer (P1s will complete community, P2s will complete institutional, however community sites may have a mixture of P1s and P2s this year due to site availability). We'd like to thank our preceptors for providing their input regarding this change during site visits or calls.

If you would like to add availability for the current year especially in ACPE required rotations (institutional, acute care, ambulatory or community) as well as electives please contact Mark.Lofgren@ndsu.edu to update your availability.

We appreciate all that preceptors and sites continue to do for our students and patients.

Be Well,



Lisa Richter, PharmD, BCPS, BCCCP
Director of Experiential Outreach and Assessment/Assistant Professor of Practice
NDSU School of Pharmacy

Included in this issue

COVID-19 Updates

NDSU Names Preceptors of the Year- by Carol Renner

Practice Spotlight: Trumm Drug- by Alexis Kokett, NDSU Class of 2020

Journal Club – by Lindsey Beisner, NDSU Class of 2020

Technology and Equipment – by August Nuutinen, NDSU Class of 2020

Continuous Quality Improvement – Student Lead Preceptor Updates

Preceptor Development Opportunities: From the Schoolhouse, CEImpact

Preceptor FAQs – Library Access, Non-traditional Hours, Remote Rotation Ideas

School of Pharmacy Updates – Leadership Changes, Aldevron Tower Completion

Residency Stats Overview

Upcoming Events

NDSU Names Preceptors of the Year

By Carol Renner, Marketing/Communication Coordinator NDSU College of Health Professions

North Dakota State University School of Pharmacy announced awards to pharmacists who help educate students as they pursue their future careers.

Natasha Petry, PharmD, MPH, BCACP and assistant professor of pharmacy practice in the NDSU School of Pharmacy, was named Faculty Preceptor of the Year.

Cmdr. Tyler Lannoye, PharmD, Indian Health Service Quentin N. Burdick Memorial Hospital, Belcourt, North Dakota, was named Adjunct Preceptor of the Year for 2020.

Pharmacy students on clinical rotations nominate and choose the award recipients for Preceptor of the Year.

“It was a new area in genomics which really tested my knowledge,” said one student about their experience with Dr. Petry as Faculty Preceptor of the Year.

“She gave me projects that helped me research and look into it myself and present the ideas to fellow colleagues. She made me feel more confident in my ability to become a pharmacist,” said the student.

Petry’s expertise includes diabetes, patient-centered medical home model, pharmacogenomics, ambulatory care, and public health.

She serves as Assistant Professor of Practice in the NDSU School of Pharmacy, as well serving at the clinical site of Sanford Imagenetics. She received her bachelor’s of science, master’s of public health and doctor of pharmacy degrees from NDSU.

As Adjunct Preceptor of the Year, Cmdr. Tyler Lannoye is the Chief Pharmacist for the Quentin N. Burdick Memorial Health Care Facility Pharmacy in Belcourt, North Dakota. He is a Commissioned Corps Commander with the United States Public Health Service.

Exceptional is a word that students on rotations use when describing Cmdr. Lannoye, describing him as an exceptional mentor, role model, clinical pharmacist and leader.

“He set high standards for me to achieve throughout the rotation that enabled me to grow professionally,” said one student, noting that he was always available to answer questions and provide insight.



Natasha Petry, NDSU Assistant Professor of Practice

POY continued on next page

“He is very interested in obtaining student insight on not only clinical questions, but questions related to improving his site’s student program and advancing the profession of pharmacy. He extends the same respect that he gives his pharmacists to the students that he has on rotation,” said a student.

Cmdr. Lannoye is an active member of the Indian Health Service Committee on Heroin, Opioids, and Pain Efforts (HOPE). He is also active in the North Dakota Pharmacists Association and a member of the North Dakota Board of Pharmacy. He is a graduate of the University of Montana Skaggs School of Pharmacy.

“All faculty and adjunct preceptors play a vital role in preparing the next generation of pharmacists,” said Charles D. Peterson, Dean of the School of Pharmacy and College of Health Professions at NDSU. “The experiences that preceptors provide students are integral to prepare them to become members of the healthcare team.”



Cmdr. Tyler Lannoye, Chief Pharmacist, Quentin Burdick Memorial Care Facility Pharmacy

Congratulations to all the Adjunct Preceptor of the Year Nominees!

Douglas Gugel-Bryant, Sanford Health, Fargo, ND
Heather Van Ningen, Sanford Health, Bismarck, ND

Practice Spotlight: Trumm Drug by Alexis Kokett, Class of 2020

I completed my Advanced Community APPE rotation at Trumm Drug Health Mart in Alexandria, MN. During my time at Trumm Drug, my preceptor asked me to help with writing a protocol for USP 800. The protocol would educate employees about the safety standards for handling hazardous drugs. This was a great opportunity to gain experience in the operational side of community pharmacy. As a pharmacist it’s important to ensure medications are safe for our patients, but equally as important to ensure employees are safe as well.

I spent time researching the requirements of USP 800, as well as learning about the dispensing methods at Trumm Drug to come up with a plan that would work well for the specific pharmacy I was at. By writing my first protocol, I discovered that implementing regulation changes can be difficult, and will likely be individualized for each pharmacy. I gained an idea of what it might be like to deal with future changes in workflow as a pharmacist, and I expanded my ability to implement education across pharmacy staff to ensure a safe work environment.

I truly appreciated the opportunity to contribute to a community pharmacy in a different role. Pharmacists wear many hats, and as a student it’s exciting to get involved in diverse roles!



Alexis Kokett
Class of 2020

Employing Different Student-Preceptor Models to Foster New Experiences

By Lindsey Beisner, Class of 2020

Most rotations employ the traditional one-to-one student-preceptor model, but many have begun exploring non-traditional options as the number of student pharmacists continues to grow. A 2019 study by McIntyre et. al. looked at three different student-preceptor models: 1. co-preceptorships (CoP), meaning there is more than one preceptor assigned to a student, 2. peer-assisted learning (PAL), referring to the scenarios in which multiple students at the same education level were assigned to the same preceptor, and 3. near-peer teaching (NPT), where students at differing education levels were assigned to the same preceptor.

This study followed-up with a group of 20 students graduating in 2015-2017 from the University of Toronto. The interviews encompassed 43 experiences (19 CoP, 14 PAL, 10 NPT) from 14 institutions. The majority of experiences were in an ambulatory setting, but the spread included critical care, general medicine, pediatrics, etc. Interviewers used a non-biased, qualitative approach to characterize students' perceptions of outcomes from practicing in non-traditional models.



Lindsey Beisner
Class of 2020

Students reported both the benefits and challenges that may arise when each of these models are employed. The co-preceptorship model allowed for increased preceptor availability and feedback as well as a look into a variety of patient care approaches and expertise. On the other hand, there were some reports of minor issues if there was a lack of communication or expectations between preceptors.

The peer-assisted learning and near-peer teaching models received similar feedback to one another, as they are both environments in which multiple students work together. There were reports of improved teamwork and communication skills, improved teaching skills, and increased self-management when sharing the workload in these types of models. Students also felt increased support and less pressure or anxiety in some situations. There were a few reports of some peer competition in peer-assisted learning models, while other students viewed the competition as positive motivation. Additionally, any significant knowledge gap or conflicting personalities between students sometimes made collaboration in these models more difficult.

Although this was a small study, many benefits were reported related to non-traditional student-preceptor models. I experienced a mix of student-preceptor models during my time on rotations, and while the traditional model still fosters learning, I felt that I flourished most while practicing in models much like the peer-assisted learning and near-peer teaching models. Nationally, as the number of pharmacy students continues to increase, this study may offer a look into additional options for rotations sites looking to take students or shift their current practice model to offer different experiences.

McIntyre C, Natsheh C, Leblanc K, et al. An Analysis of Canadian Doctor of Pharmacy Student Experiences in Non-Traditional Student-Preceptor Models. American Journal of Pharmaceutical Education Dec 2019, 83 (10) 7367; DOI: 10.5688/ajpe7367

Technology and Equipment Used in the NDSU Curriculum

By August Nuutinen, Class of 2020

NDSU pharmacy students are being exposed to different technology and equipment prior to APPE rotations. All students purchase an iPad upon entering the program, which they use for nearly all assignments, quizzes, and exams. With the use of the iPad, students work extensively with document sharing platforms: setting them up, managing them, and allowing other team members to add content during real time. Using this experience and knowledge base, students may be able to help preceptors navigate new technology.

Recently, students have had classes in the A. Glenn Hill building. These classrooms offer active learning and tech friendly teaching environments. This makes it easier for faculty to assign collaborative group work, to watch real-time and have students present their findings which enhances their soft skills. Additionally, as mentioned in a previous newsletter, students have been working with EHR Go for classroom activities. This helps the students navigate patient charts and familiarizes them to an electronic medical record.

Tech and Equipment continued on next page



AG Hill Classroom



August Nuutinen
Class of 2020

Much of the hands-on training and exposure to different technology comes while utilizing the Concept Pharmacy Lab. The students are introduced to the TWRX software mainly for work with data entry and dispensing. However, pharmacy lab instructors are currently looking into upgrading the software from TWRX to PioneerRX. Training on telepharmacy is also a portion of lab that helps students get ready for practice in more rural settings. Currently, Webex is used to live stream technician filling and verify the medications prior to them being dispensed. Looking ahead to next year, MILT-4 packaging software will also be implemented in the lab.

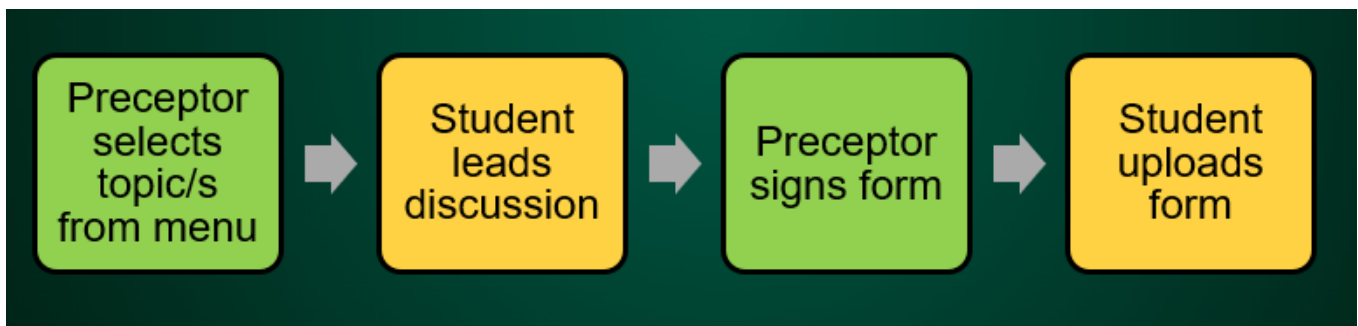
This semester students have been utilizing different means of technology to complete their coursework. Moving to fully remote classes has been a transition for many, but the students have been using a live streaming lecture platform called Blackboard Collaborate Ultra. Working similarly to Skype/Webex/Google Hangout/Zoom, Blackboard Collaborate Ultra allows students to login remotely and actively participate in live streamed lectures. This has allowed the School of Pharmacy to finish the spring semester without any delays.

Continuous Quality Improvement: Updated APPE Student Assignment

By Lisa Richter, PharmD, BCPS, BCCP

New in the fall of 2019 students were charged with providing a brief training on the Pharmacists' Patient Care Process (PPCP) for preceptors on each rotation to augment the current preceptor training options at NDSU. It is very important for us to be sensitive to the fact that NDSU uses volunteer preceptors who are very busy, but documentation of all preceptors completing preceptor development was discussed as an area for improvement by our ACPE mock surveyor.

This year instead of all trainings focusing on the PPCP as in our pilot, a menu of nine options will be available for preceptors to choose from. The student will provide the preceptor with a list of options created by NDSU experiential education ranging from the inclement weather policy and how to view student evaluations in eValue to the layered learning practice model and ideas to challenge the all-star student. One update is required per rotation; however, we encourage preceptors to request students to complete more than one if there are multiple topics of interest to the preceptor. This process will augment the already robust offerings available to NDSU preceptors and ensure all active preceptors are receiving preceptor development with minimal extra time required of the preceptor. Additionally, we hope this sparks some good discussions and helps encourage our students to become future preceptors.



Preceptor Development Opportunities

From the Schoolhouse CPE Series

Check out any of these recordings from NDSU faculty for one hour of free CE!

Current recordings include:

- An Overview of Complementary & Alternative Medicine. Available until Oct. 4, 2020
- Probiotics in Pediatrics: Helpful, harmful or a waste of money? Available until Nov. 15, 2020
- Decreasing Medication Burden in the Elderly. Available until Dec. 6, 2020
- NDSU Preceptor Update. Available until May 19, 2021

How do I access this recorded activity?

1. Log on to www.CEImpact.com
2. Click on My Profile
3. Enter your access code in the field Enter Partner Code and click APPLY. The code for this CE series is: **NDSUSCHOOL**. If you have already entered this code in your profile, any new activities in this series will populate automatically when they become available.
4. Click CONFIRM at the bottom of the page and you will be registered.
5. The activity will now show in your profile.

How do I submit my CPE?

1. Logon to www.CEImpact.com
2. Click on My Profile
3. Locate the activity title you wish to complete within your Profile and click on the Exam
4. Complete the Exam & Evaluation as prompted; click SUBMIT to send your information to CPE Monitor

Questions? Contact the team at CEI by calling 515.270.8118 or team@CEImpact.com.

CEImpact

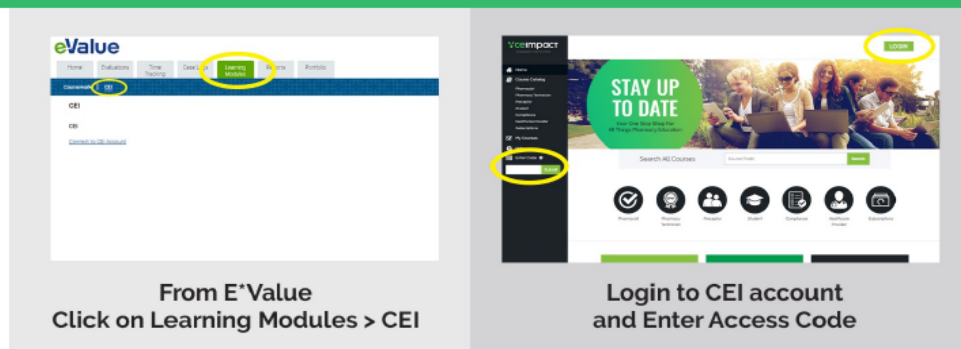
****Please note the NEW password for CEImpact****

New password will work now, old password will expire on June 30th, 2020

Check out any of these recordings for free CPE!

- The Eleven Habits of Highly Effective Preceptors (1hr)
- Tools to Facilitate Student Success with Your Learning Experience (1hr)
- How to Develop and Lead a Journal Club Activity at Your APPE Site (1hr)
- LGBTQ Cultural Competence: Improving Care to the LGBTQ Community (2hrs)
 - *Students in the School of Pharmacy have requested more education surrounding this topic which was added to the P3 curriculum this year*
- Plus many more!

North Dakota State University Subscription Code: 20NDSU



From E*Value
Click on Learning Modules > CEI

Login to CEI account
and Enter Access Code

CEImpact continued on next page

Preceptor Catalog

JOIN OUR LIVE JOURNAL CLUB
Second Wednesday Every Month
@ 12noon (central)

Preceptor Course Finder

All Courses	Orientation	Journal Club	Rotation Experience	Teaching	Feedback/Communication	Role Modeling	Time Management
Title	Date	Course Type	Duration	Rating	CE	Cost	
ATHOS-3: The Squeeze on Angiotensin II for Septic Shock *		On-Demand	1hr 30min	★★★★☆	✓	NO COST	
Lead to the Bone: Oral versus IV Antibiotics for Osteomyelitis and Joint Infections *		On-Demand	1hr 30min	★★★★☆	✓	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 30min	N/A	✓	NO COST	
SGLT2s and Improved Renal Outcomes: Establishing CREDENCE *		On-Demand	1hr 30min	★★★★☆	✓	NO COST	
Tdap Vaccination: Time to give it a "Boost"?		On-Demand	1hr 30min	★★★★☆	✓	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.

Preceptor FAQs: Library Access, Rotation Hours

How do I obtain NDSU Library access?

- Online library access provides preceptors with access to many journal articles, databases and resources. Email Mark.Lofgren@ndsu.edu to receive your login/password. Please keep this information as requests to reset the password must be sent to the NDSU library for approval and may take several days to turn around.

Can I have my student work evening or weekend hours?

- Yes! Many pharmacists work 24/7/365 shifts and students should be exposed to these shifts as well. Please send updated information for your rotation description so students are aware of these hours.

What are some ideas for activities I can have my rotation student work on remotely?

- COVID-19 drug information questions & literature review
- Complete a project – medication use evaluation, drug monograph, medication safety project (review override list etc.)
- Research new regulations/recommendations/guidelines
- Create technology tips (ex. information for pharmacists on how to use Zotero, give information or reviews on a pharmacy related podcast)
- Summarize an article you've been wanting to read
- Keep a list of real-life scenarios (operational or clinical) you troubleshoot on a daily basis for students to work through what they would do
- Help on a resident research project (ex. write the intro for their manuscript)
- Provide education or journal club to pharmacy staff/providers/interdisciplinary team/medical residents (written/Skype etc.)
- Create infographics related to COVID-19 or other topics (ask them about this they did it in a P3 class)

School of Pharmacy Updates: Leadership Changes at NDSU

We are excited to announce the promotion of the following individuals on the NDSU Leadership Team. They all have extensive experience at NDSU and we are appreciative of their leadership in the College.

Chair, Department of Pharmacy Practice



Amy Werremeyer, PharmD, BCPP

Interim Associate Dean of Academic Affairs



Michael Kelsch, PharmD, BCPS

Senior Associate Dean, College of Health Professions



Daniel Friesner, PhD

Aldevron Tower Completed

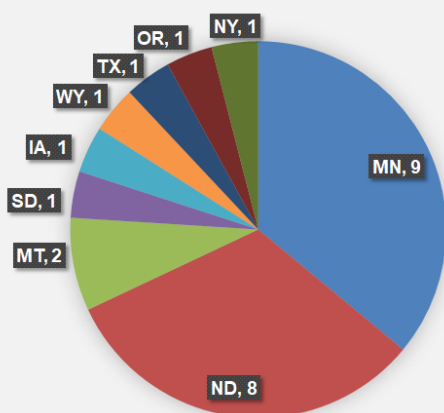
Aldevron Tower, connected to Sudro Hall on the NDSU campus, is a 74,000 sq. ft., six-story building. The \$28 million, privately funded building includes shared interprofessional learning space for interdisciplinary education. The focus is team-based education, working in conjunction with all health care disciplines, just as students will do in health care settings when they graduate. Aldevron Tower provides more hands-on learning spaces for students in pharmacy, nursing, respiratory care, medical lab sciences, radiologic sciences and public health. The Tower also includes more student-friendly spaces such as open study spaces, huddle rooms and conference rooms. The Aldevron Tower Building Dedication and Ribbon Cutting Ceremony originally scheduled for May 1, 2020 has been postponed tentatively to later this fall due to COVID-19.



Residency Stats Overview

Congratulations to the twenty-five (up from twenty the past two years) NDSU graduates who will be completing a PGY1 residency during the 2020-2021 cycle! We also would like to extend a thank you to the many dedicated preceptors who helped prepare them, reviewed CVs, wrote letters of recommendation and encouraged them in their journey!

Additionally, we are excited to report four 2019 NDSU graduates will be completing PGY2 programs in 2020-2021. The PGY2 programs are in SD (health system administration/ leadership & psychiatry), MN (infectious disease) & IN (critical care).



25 total PGY1 residency placements

Upcoming Events (All Tentative)

Pharmacy Hooding Ceremony

August 7, 2020 - 10am
NDSU Festival Concert Hall

ACPE Accreditation Visit (rescheduled from April 2020)

September 15-17, 2020
NDSU

NDSU White Coat Ceremony

Saturday, October 10, 2020
NDSU Festival Concert Hall

IPPE/APPE 2021-2022 rotation availability open to preceptors

Late August/Early September 2020
Watch for an email from: Mark.Lofgren@ndsu.edu

NDSHP Summit and Expo

Thursday, October 22, 2020
Radisson Hotel
Fargo, ND

NDSU Spring 2020 Graduation Ceremony

December 2020



Mark Lofgren, MBA

Experiential Education and
E*Value Coordinator

Julie Brandon

Experiential Education
Academic
Assistant

**Lisa Richter,
PharmD, BCPS,
BCCCP**

Director of Experiential
Outreach & Assessment
and Assistant Professor
of Practice

**Rebecca
Brynjulson,
PharmD, BCACP**

Director of Introductory
Pharmacy Practice
Experiences and Assistant
Professor of Practice

**Teri Udem, BS,
RPh**

Director of Advanced
Pharmacy Practice
Experiences

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to: Vice Provost, Title IX/ADA Coordinator, Old Main 201, 701-231-7708, ndsu.eoaa@ndsu.edu.