

NDSU PHARMACY PRECEPTOR NEWSLETTER

SUMMER 2019



(Left to Right)

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Entrustable Professional Activity (EPA) Evaluations

Happy summer! All of the snow piles have melted and we are finally on our way to some nicer weather.

Experiential education is excited to launch our new Entrustable Professional Activity (EPA) evaluations with the current rotation students. EPAs are discrete, essential activities and tasks that all new pharmacy graduates must be able to perform.¹

The EPA statements will be the new questions on the evaluations. Specific EPAs were selected based on rotation type, meaning community rotation evaluations will have different EPAs than institutional rotations, etc.

Evaluations continue to include two professionalism questions and text boxes for projects, areas of strength and areas for improvement. Written comments are always appreciated by students and experiential education.

EPAs are rated on a level of entrustment instead of a subjective poor to superior scale.

Levels of entrustment are:

- Level 1: I trust the student with direct observation and instruction to complete the task.
- Level 2: I trust the student to complete the task with assistance. The student requires frequent correction/feedback.
- Level 3: I trust the student to complete the task. The student requires limited correction/feedback.
- Level 4: I trust the student to complete this task. The student is self-directed and seeks guidance as needed.
- Level 5: I trust the student has mastered the task and is able to teach others.

IPPE students are expected to be at least at a level 2 and APPE students are expected to be at least a level 3. This scale and expectations are laid out for you in the evaluation.

For APPE rotations, the midpoint evaluation auto populates in the final evaluation so you are reminded of previous scoring and able to quickly adjust as needed.

One of the best things about the new evaluations is they have considerably

EPA Evaluations continued on next page

Included in this issue

New Evaluations – Entrustable Professional Activities (EPAs)

Practice Spotlight- Minneapolis VA –by Amanda Kuhn, NDSU Class of 2019

Preceptor FAQs –required assignments, NDSU curriculum

Preceptor Spotlight: Preceptors of the Year

Speed Journal Club – by Kassy Vettleson, NDSU Class of 2020

Residency Stats Overview

School of Pharmacy Updates – Co-Curriculum

Preceptor Development Opportunities: Pastries with Preceptors, From the Schoolhouse, CEI

Upcoming Events

Continuous Quality Improvement – Top Drugs

EPA Evaluations continued

fewer questions than the previous evaluations which we hope will make it a more efficient and valuable process for our preceptors and students.

If you haven't had a chance to see the new evaluations yet, links to all evaluations are located in the [Preceptor Handbook](#) on the homepage in E*Value. I'd encourage you to look through them prior to your students starting on rotation if able. If you have any questions about the new evaluations please don't hesitate to contact us.

Thanks for all you do with NDSU students and enjoy your summer!

Sincerely,



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

¹Haines ST, Pittenger AL, Stolte SK, et al. Core entrustable professional activities for new pharmacy graduates. Am J Pharm Educ. In press.

NDSU Names Preceptors of the Year

NDSU's School of Pharmacy announced two awards to pharmacists who help educate students as they pursue their future careers.

Dean Mattson, owner of Mattson's Pharmacy in Roseau, Minnesota, was named Adjunct Preceptor of the Year and Julia Muzzy Williamson was named Faculty Preceptor of the Year for 2019.

NDSU fourth-year pharmacy students on clinical rotations nominate and choose the award recipients for Preceptor of the Year.

As Adjunct Preceptor of the Year, Dean Mattson is recognized for his willingness to share his expertise with future pharmacists and be engaged in their professional education. Mattson is a 1982 graduate of the NDSU School of Pharmacy and a member of the Kappa Psi Pharmaceutical Fraternity.



Dean Mattson, RPh

"Mattson Pharmacy is an independent pharmacy and as years go by, the experience that we offer students is

POY continued on next page

NDSU

SCHOOL OF PHARMACY

becoming more unique. We are very rural,” said Mattson. “I choose to be a preceptor to show students that they can have a great career in a small town.” He recommends being a preceptor to other professional pharmacists.

“You have a great sense of fulfillment watching students grow during their rotational experience,” said Mattson. “Many students are still deciding what path they will follow with their degree and I try to be an example of what rural retail pharmacy entails for a career choice. Truthfully, we learn as much from the students as they learn from us.”

In nominating Mattson, one student mentioned that he goes above and beyond for students, both as a hard-working pharmacist and as a preceptor. “He made each day enjoyable, which inspired me to work harder,” the student said. “We worked very well together on a lot of projects, but he also let me be an independent learner. He trusted my capabilities.”

Students also shared experiences in rotations with Julia Muzzy Williamson, assistant professor of practice and Faculty Preceptor of the Year.



Julia Muzzy
Williamson, PharmD,
BCPPS, CNSC

“Dr. Muzzy Williamson pushes me to be a better student and I don’t think I will ever be able to put into words what it has meant to me to have someone like her put her faith into me,” said the student.

Muzzy Williamson also inspires students to work on their own research projects to prepare for their future careers. Her areas of expertise and interest include pediatric/neonatal nutrition, neonatal intensive care, pediatric GI disorders, pediatric critical care and women’s health.

In addition to being an NDSU assistant professor of practice, Muzzy Williamson is a pediatric clinical pharmacist at Sanford Health. She received her doctor of pharmacy degree from the Albany College of Pharmacy.

“Whether they are full-time faculty or practicing pharmacists, they all 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. “Preceptors offer pharmacy practice experiences for students to become practice ready pharmacists who are integral members of the healthcare team.”

Congratulations to All the Preceptor of the Year Nominees!

Caroline Chang, VA Health Care System, Fargo, ND
Andyrose Fernandes-Reese, VA Health Care System, Minneapolis, MN
Brody Maack, NDSU/Family HealthCare, Fargo, ND
Elizabeth Monson, Sanford Medical Center, Fargo, ND
Grant Shaft, Walgreens, Roseville, MN

School of Pharmacy Updates: Co-Curriculum

The School of Pharmacy piloted a new co-curriculum program this spring. “Co-curricular activities complement, augment, and/or advance learning that occurs within the formal professional didactic and experiential curriculum” (ACPE Standards 2016, Guidance 4b). This means there will be more emphasis on skills that are difficult to teach and evaluate in a traditional classroom setting, such as self-awareness and professionalism. Students will be required to complete required and elective experiences, write reflections, set goals and meet with their advisor each semester P1 through P3 year.

Co-curriculum continued on next page

If you work at a site that employs student interns you may be asked to sign a form saying the P2 or P3 student completed an internship at your site as an elective in the “team ready” or “practice ready” areas of focus. One of the goals of the co-curriculum program is to ensure our PharmD program is preparing well-rounded and well-prepared students for rotations.

An example of the P2 “team ready” required experiences are listed below.

P2 Focus: Teams and Teamwork - “Team Ready” (ABOs 3.4 Interprofessional Collaboration, 4.1 Self-Awareness, 4.2 Leadership, 4.3 Innovation, 4.4 Professionalism)	
Fall Semester (Required Elements)	Spring Semester (Required Elements)
Attend Career Fair	Attend Public Health Poster presentations
NDSU Leadership on the Go: Gallop Strengths Finder	NDSU Leadership on the Go: Innovation and Creativity
NDSU Leadership on the Go: Strengths Based Teamwork	IP Team-Based Collaborative Care Simulation (CHP 400)
Attend One IPE Grand Rounds	Attend One IPE Grand Rounds
End of Semester Reflection (due 11/15)	End of Semester Reflection (due 4/15)
ELECTIVES: Complete 2 electives from “TEAM READY” category (see pre-approved list) during P1 Summer through April 15.	

Continuous Quality Improvement - Top Drugs

By Teri Udem, BS, RPh

I know I said this last year, but I cannot believe another class has graduated and another class has started APPE rotations! Where does the time go?!

As many of you know, when Lisa Richter is out doing site visits, she asks for feedback from preceptors on what students are doing well and what gaps they have in knowledge. Thank you for that feedback!

One of the curricular changes that has come from preceptor feedback is a change to the Top Drugs course, commonly referred to as the Top 200. The current list is actually 232 medications. This list is comprised of the Top 200 selling medications (according to SFI Medical Publishing.)

To this list, we have added top institutional medications that were identified by our external member of the Curriculum Committee and approved by the Curriculum Committee. Select examples of institutional medications on the list include: pressors (norepinephrine, epinephrine, phenylephrine) IV antibiotics (vancomycin, linezolid, piperacillin/tazobactam, cefazolin, ceftriaxone, cefepime), analgesics (hydromorphone, ketorolac, morphine), paralytics (succinylcholine, rocuronium) sedatives (propofol, dexmedetomidine, midazolam).

The P1 class will have Top Drugs included in the Introduction to Pharmacy Practice course during the fall semester (this will now be prior to institutional IPPE rotations, where as in the past two years it was during/after). P1s will be responsible to know brand name, generic name and major indication(s).

The P2 class will have a stand-alone Top Drugs course during the fall semester. P2s will be responsible to know P1 information plus dosing and mechanism of action.

The P3 class will have a stand-alone Top Drugs course during the fall semester. P3s will be responsible to know P2 information plus controlled drug schedule and black box warnings.

CQI-Top Drugs continued on next page

The students currently on rotations in 2019/2020 have had the following Top Drug content:

P1 class-Top 50, brand, generic and indication

P2 class-Top Drugs (200+ including additional institutional meds), brand, generic, indication

P3 class-P2 information plus mechanism of action

If you wish to view a complete current Top Drug List, please see the homepage in E*Value.

Thank you SO much for your efforts on behalf of our students and program! Happy quizzing everyone!

Practice Spotlight: Minneapolis VAHS

by Amanda Kuhn, NDSU 2019 Graduate

Me, My Meds, and I: A research opportunity at the Minnesota State Fair in partnership with the Minneapolis VAHS and University of Minnesota Driven to Discover

While on my two ambulatory care rotations at the Minneapolis Veterans Affairs Medical Center, I was presented with the opportunity to help with a research project called “Me, My Meds, and I” at the Minnesota State Fair in partnership with the University of Minnesota Driven to Discover research facility. The goal of the research study was to understand prescription medication use behavior in the community, with a brief description of the study as follows: How do you take your prescription medications? Many people take medications, but everyone takes them differently. Come take our survey so we can learn more about how, when, and why you take your medications.



Amanda Kuhn, PharmD
NDSU 2019 Graduate

With no previous research experience, I thought how excellent this opportunity would be to get my feet wet, especially being a residency track student having to complete a longitudinal research project in the future! I was able to gain direct experience working with study participants during the data collection phase of the research. Participation in the project increased my familiarity with survey research, data collection, and data analysis. While I realize not all pharmacy students are residency track or may be interested in research, I think providing as many extra opportunities as your facility/institution allows or has available will give the student a more well-rounded experience, and something to talk about in future interviews.

This experience is one I will never forget, and am extremely grateful for my preceptors asking about my interests and tailoring the experience to meet my future goals. Also, who would turn down a day spent at the state fair for rotations?!

A Novel Approach to Standard Journal Clubs

By Kassy Vettleson, NDSU PharmD Candidate 2020

Journal clubs provide student pharmacists an opportunity to enhance their scientific literature evaluations skills. There are many variations of journal clubs that could last anywhere from 10 minutes up to an hour. Some institutions have many students and other professionals presenting journal clubs in a traditional format frequently. This takes up a lot of time and has been found to overwhelm students and lead to decreased learning and retention. Leibfried et al. sought to describe an alternative activity that combines abbreviated journal clubs with an elevator speech and speed dating, referred to as “speed journal clubs,” in hopes to correct this issue.

Journal club continued next page



Kassy Vetteson, NDSU
PharmD Candidate 2020

For their study, APPE students and PGY1 pharmacy residents at the Valley Hospital in Ridgewood, NJ were utilized to implement this novel activity and observe the results. Prior to the speed journal club, participants presented the article to their preceptor to ensure they understood and appropriately evaluated the study.

Participants were then provided with an abbreviated outline to use for their presentation two weeks prior to the activity. A room was set up speed dating style where students sat on either side of a table and were allowed five minutes to present their journal to a partner followed by two minutes for discussion and questions before the other partner presented. One side of the table would then rotate until each participant presented four times. Preceptors and other pharmacy staff were allowed to sit in on any presentation as well. The sessions described in the article lasted about 90 minutes including set up, presentations, and debriefing.

Feedback was solicited from the presenters after their first speed journal club. Of the respondents, greater than 80% reported improvement in their ability to summarize and present pertinent information as well as improvement in their listening skills. Participants also noted that speed journal clubs were more interactive than traditional journal clubs and that new information was learned that is applicable to practice.

Overall, it was found that speed journal clubs offer many different benefits compared to traditional journal clubs. They allow students to focus on concisely summarizing articles in a time period comparable to interacting with another healthcare professional on rounds or in a telephone conversation. This style also permits many one-on-one interactions which could improve communication and active listening skills. Downfalls to this style are less exposure to journals, as they are only listening to four journals per session.

North Dakota State University requires students to complete an Advanced Pharmacy Practice Experience (APPE) in an Acute Care, Ambulatory Care, Advanced Community, Institutional, and Rural settings as well as three electives. Students must participate in at least one journal club during all Acute Care (including clinical electives – peds, onc, psych etc.), Ambulatory Care, and Institutional APPE rotations, as well as complete an article discussion during Non-Patient Care electives. Journal clubs, no matter the format, are great ways for students to stay updated on scientific literature and practice their evaluation and presentation skills.

Preceptor Development Opportunities

Pastries with Preceptors

8:30 a.m.-9:30 a.m., Thursday, September 12th

Fargodome - Lower Level

Please join us in a thank you event for NDSU pharmacy preceptors prior to the Career Fair.

Event includes:

- Updates in experiential education and the School of Pharmacy
- Opportunity to provide feedback and/or ask questions about the new EPA evaluations
- Opportunity to provide input
- Networking with other preceptors

We hope you can join us!

[Registration for Pastries with Preceptors](#)



Note: you do not need to be attending the Career Fair to attend this event. All pharmacy preceptors are welcome!

From the Schoolhouse CPE Series

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

- Pediatrics and IV Lipid Emulsions: Exploring Novelty
- Update on Osteoporosis
- Drug Induced Liver Injury
- Update on Diabetes
- Transitions of Care
- NDSU Preceptor Development

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 team at CEI by calling 515.270.8118 or team@CEImpact.com.

CEImpact Pharmacy Education

****Please note the NEW password for CEI****

North Dakota State University Subscription Code: **NDSU19**



From E*Value
Click on Learning Modules > CEI



Enter Access Code
and Login to CEI account

CEImpact continued on next page

Click on the Preceptor Catalog. Courses available to you will be listed as FREE. Sort courses by Categories or with the Preceptor Course Finder.

As a BONUS, you have access to the Pharmacist Catalog - required relicensure courses in patient safety, law, immunization and drug therapy with additional new courses released monthly.

Preceptor FAQs – Required Assignments, NDSU Curriculum

Need a refresher of what assignments are required for your specific type of APPE rotation?

- Consult the preceptor handbook on the home page in E*Value or this [quick link](#)

Wondering what classes students take prior to institutional IPPE rotations, community IPPE rotations or what year they take infectious disease?

- Check out the new NDSU Pharmacy Student Curriculum voice over PowerPoint that walks you through this info (~15 minutes) located on home page in E*Value

2019 Upcoming Events

NDSU Research Seminar (great review for BPS Certification exams)

Noon, Thursday, August 15
NDSU or remotely via computer
(watch email for connection details)

NDSU Teaching Seminar

8:00 am, Friday, August 16
NDSU or remotely via computer
(watch email for connection details)

IPPE/APPE 2020-2021 rotation availability open to preceptors

Late summer 2019
Watch for an email from:
mark.lofgren@ndsu.edu

[College of Health Professions Career Fair & Scholarship Program](#)

Thursday, September 12
FargoDome

Pastries with Preceptors

Thursday, September 12
FargoDome
[Register](#)

Pharmacy Residency Fair & Interview Day

Friday, September 13
FargoDome

NDSU White Coat Ceremony

10:00 am, Saturday, September 14
NDSU Festival Concert Hall

Advance Leadership Workshop 2.0

9:00 am - 3:30 pm, Saturday, September 28
NDSU

[NDSHP Summit and Expo](#)

Thursday, October 24
Radisson Hotel, Fargo, ND

Aldevron Tower Update

The Sudro Hall expansion project is on schedule. Classes will be held in Aldevron Tower in the spring 2020 semester. A formal dedication ceremony will be scheduled for later in spring of 2020. The six-story addition will accommodate collaborative learning, expand the college's research capabilities and help meet the region's growing need for health care professionals.

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.

Residency Stats Overview

Congratulations to the twenty pharmacy graduates who will be completing a PGY1 residency during the 2019-2020 cycle! We also would like to extend our thanks to the many dedicated preceptors who helped prepare them, reviewed CVs, wrote PhORCAS recommendations and encouraged them in their journey! Additionally, we are excited to report two 2018 NDSU graduates early committed or matched with PGY2 oncology programs in SD & MN!

