

NoDak Pharmacy Journal

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DISPENSING KNOWLEDGE FOR BETTER HEALTH!

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NoDak Pharmacy Journal Submission Policy

The ND Pharmacists Association is pleased to accept submissions for the Journal. Submissions should be reasonable in length due to space considerations. In order to ensure the quality of our publication, editing for grammar, spelling, punctuation and content may occur. Articles, photos, and advertising should be submitted in electronic form.

To submit, please email NDPHA at:
lgiddings@nodakpharmacy.net
**The deadline for the Next Issue is:
January 10, 2018**

NoDak Pharmacy Journal

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2017 Calendar

NOVEMBER

| | |
|--------|--|
| Nov 23 | Happy Thanksgiving |
| Nov 24 | Shot till you drop Black Friday |
| Nov 25 | Small Business Saturday Support your local businesses |

DECEMBER

| | |
|---------|---|
| Dec 4-8 | ASHP Midyear Clinical Meeting & Exhibit, Las Vegas NV |
| Dec 7 | Pearl Harbor Remembrance Day |
| Dec 13 | NDPhA/NDPSC Joint Board Meeting – Hampton Inn, Bismarck |
| Dec 25 | Merry Christmas |

JANUARY

| | |
|--------|----------------------------|
| Jan 1 | Happy New Year |
| Jan 15 | Martin Luther King Jr. Day |

FEBRUARY

| | |
|--------|-----------------------|
| Feb 2 | Groundhog Day |
| Feb 14 | Happy Valentine's Day |
| Feb 19 | Presidents' Day |

MARCH

| | |
|--------|-------------------------|
| Mar 11 | Daylight Savings Begins |
| Mar 12 | National Nap Day |
| Mar 17 | St. Patrick's Day |
| Mar 25 | Palm Sunday |
| Mar 30 | Good Friday |
| Feb 19 | Presidents' Day |

APRIL

| | |
|-----------|--|
| Apr 1 | Easter Sunday (April Fool's Day) |
| Apr 19-21 | 133rd ND Pharmacy Convention, Holiday Inn, Fargo |



Colleagues,

One of the perks of being president of the Association is that you get to sit on the North Dakota State College of Science (NDSCS) Pharmacy Technician Advisory Council. I was fortunate to attend my first meeting this month and the information presented was very informative, but a bit sobering. The good news is that NDSCS is committed to educating pharmacy technicians who are ready to enter into practice. The unfortunate news is that enrollment is down. The other unfortunate reality is that the collaboration with Bismarck State College (BSC) has not taken off as anticipated. This was viewed by many as an excellent opportunity for the training of pharmacy technicians to fill the demands seen in the western part of North Dakota. Perhaps this is only signs of initial growing pains for the program.

I, like most other pharmacists, have become dependent on having an excellent pharmacy technician on staff to assist with my workload. Sharon would probably say that she has taken over my workload and there is some truth in that assertion. The reality is that this has allowed me to focus on other aspects of my job which would not be possible without her assistance. (Plus she provides much better customer service than I ever did!) Could I do my job

without the assistance of a pharmacy technician? I could, but the quality and service of our department would suffer. Having well educated pharmacy technicians is not a luxury. It is a necessity if we are to continue to advance the practice of pharmacy and the expansion of services for our patients. For me, the key portion of that statement is "well educated."

I have also been fortunate to serve the citizens of North Dakota by my time spent as a member of the North Dakota Board of Pharmacy. It was during the beginning of my first term that the Board dealt with the issue of the amount and type of training that we wanted for pharmacy technicians who would eventually practice in our great state. Bill Grosz was insistent, and rightfully so, that we have pharmacy technicians who could enter into any practice setting. Now there are rumblings of a two-tier education system for pharmacy technicians. This would entail a change in the certification requirements in which there would be an entry level pharmacy technician versus an advanced level pharmacy technician. The question that the profession in our state must answer is "do we want this type of two-tiered training and certification of pharmacy technicians?"

Harvey Hanel

Harvey Hanel,
PharmD, R.Ph.
President NDPhA





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phmic.com/tomorrow2



2017 NAPT Annual Fall Conference

Submitted by: Fall Conference Planning Committee

The theme for the 2017 NAPT Fall Conference was "Basic ABC of Pharmacy with the Goal of Patient Safety; Defining the Pharmacy Technician's Role."

It featured Dr. Michael Mone as the keynote speaker. Dr. Mone gave an inspirational presentation highlighting the important role a pharmacy technician plays in the pharmacy. Additional topics for the Friday session included: updates on drug abuse trends, the PDMP and marijuana update, the role of the public member on the ND State Board of Pharmacy, patient's perspective on life with epilepsy and OTC's and the red flags. Saturday's session included: panel discussions of expanding roles of pharmacy technicians within the profession, recent rule changes allowing a pharmacy technician to screen patients picking up refills, the role of a pharmacy technician from a compliance perspective, and putting customers first, even in difficult situations. Special thanks to all our presenters, your topics were enlightening and offered a great perspective for the audience.

A total of 10 continuing education credits were offered, including law, patient safety and general information. Reminder, when looking at the CE code, you can define the type of CE by the last two digits. General Pharmacy Topics = 04, Law = 03 and Patient Safety = 05. The P or T highlights the audience the CE is approved for, P = pharmacist and T = Pharmacy Technician. This year was the first year that we offered CE for both the Pharmacists and the Pharmacy Technicians.

With 110 total attendees which included Pharmacy Technicians, Pharmacists, Students and Presenters, the Conference Committee Planners feel the event was well attended! Based on the conference survey attendees were overall satisfied with the topics presented and layout of the event.

This year was the first annual Basket Extraordinaire Event, which was a great addition to our Annual Fall Conference! Special thanks to those who organized the event, those who donated items and those who participated. Please see the great article summarizing this event included in this publication for event highlights!

If you missed the 2017 NAPT Annual Fall Conference, no worries, we will host the 2018 NAPT Annual Fall Conference in Fargo ND! Dates and locations to be announced. If you would like to be a part of the planning committee, please contact NAPT! NAPT Executive Board Member contact information is listed in this publication of the *NoDak Pharmacy Journal* and is available at www.nodakpharmacy.net website. We hope to hold our first planning meeting soon!

Greetings to my fellow Technicians!

Wow, here we are again heading into the holiday season and the start of a new year! May your holidays be filled with family, fun and joy! Safe travels to all who will be traveling this season.

Thank you to all who attended NAPT Fall Conference 2017 in Bismarck in September! It was fun seeing familiar faces, meeting new people and networking! Everything about our conference this year was wonderful! This includes attendance, CE offered, the facility, food and our basket extraordinaire! Kudos to the planning committee and all their hard work planning the event! Watch your mailings about NAPT Fall Conference 2018 and plan to attend! It will be in Fargo next year and we have goals of planning the best conference ever and breaking our previous attendance records!

Now that Fall Conference 2017 is in the books, it is time to start thinking about the NAPT awards nominations! These awards are presented at the North Dakota Annual Pharmacist Convention, which will be in Fargo on April 19-22, 2018. There was discussion about the importance of these awards and nominations at Fall Conference. It would be great to receive multiple nominations for each of the awards this year! There are four awards: Distinguished Young Pharmacy Technician, Diamond Award, Friend of NAPT and Pharmacy Technician of the Year. Please take the time to read the award criteria and nominate those who qualify and are deserving of the recognition!

As always, if there are any questions or concerns any of our members would like to bring to the NAPT Executive Board, feel free to reach out to any of the Executive Board Members. Remember, if you are a North Dakota Registered Pharmacy Technician, you are automatically a member of NAPT!! How awesome is that!

Tracy Lindsey

Tracy Lindsey
RPhTech, CPhT
President of NAPT

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DO YOU KNOW:

- ♥ Someone who is a new pharmacy technician to the profession (10 years or less)?
- ♥ Someone who is an awesome pharmacy technician, they make your day to day in the pharmacy just that much better because of their dedication?
- ♥ A pharmacy technician who is an outstanding person both at work and in their personal life?
- ♥ Someone who contributes to the role of a pharmacy technician?

IF YOU ANSWERED YES TO ANY OF THE ABOVE QUESTIONS:

Please consider submitting that person(s) for one of the NAPT Annual Awards

Remember, this is your time to acknowledge the great people in your pharmacy! Take a moment to give praise where praise is due!



The 1st annual Basket Raffle Extraordinaire

took place at the 2017 fall conference. Congratulations and warm thanks to all those who participated with the purchase of tickets, volunteering your time and our generous donors. Because of the generosity shown by all, an amount of \$1,160 was collected for the scholarship fund and will be distributed to North Dakota residents attending an ASHP accredited program to grow our profession.

Because of the success and outstanding participation, we want to bring this back at next year's conference in Fargo. In an effort to grow the funds we can distribute to students, we will attempt to make next year's Basket Extraordinaire even more exciting. Thank you all for your kindness and the impact you've made for future generations of pharmacy technicians.

*Submitted by Basket Extraordinaire Committee Members
Kathy Zahn, R.Ph. Tech, CPhT and Twana Dick, R.Ph. Tech., CPhT*

A balancing act while pursuing the pharmacy profession

By Carol Renner, Office of the Dean, Communication Coordinator, NDSU College of Health Professions

Submitted article: NoDak Pharmacy, November 2017



In spring of 2017, Jantze Lewis took her last final exam on Friday. Her husband received his pharmacy degree from North Dakota State University on Saturday. Then she gave birth to the family's third child the following Wednesday.

"At least she waited until after finals," Jantze said, understatedly, of her baby girl's arrival.

Jantze is in her second year in NDSU's professional pharmacy program. She has a full schedule with school, family and work, but she knows she has the support of her professors and that the balancing act will pay off with a rewarding career.

She chose to study pharmacy because of her life-long interest in science and a job at a pharmacy. She likes mysteries and once considered a career in forensic science. However, she discovered she wanted to be a pharmacist after working at a pharmacy.

"I like being able to help people find what they need and figure out how to use their medications," Jantze said. "Working in a pharmacy, I'm able to apply what I'm learning as I'm learning it."

Jantze's husband, Steven, started NDSU's pharmacy program first. He chose the program for its reputation. Ninety-five percent of the students who graduated from the program from August 2015 to May 2016 are employed.

It also helped that Fargo was close to family who had relocated to Fargo from Burlington, North Dakota, near Minot.

Jantze started her education at Minot State University and then transferred to NDSU when Steven began taking classes. She

completed her degrees in chemistry and criminal justice while starting her prerequisites for the pharmacy program.

"I get a lot of hands-on experience here," Jantze said. "I really feel like they do a good job getting us ready for the actual workplace."

Faculty and staff also were supportive and flexible with the couple's family responsibilities. In the spring of 2017, Steven was doing clinical rotations in Minot, while Jantze was going to school, working and taking care of two children—all while pregnant.

Post-graduation, Steven is a floating pharmacist at different locations in the region, joining the ranks of NDSU-educated pharmacists. An estimated 90 percent of the practicing pharmacists in North Dakota are NDSU alumni.

Jantze said it's strange to not have both her and Steven going to school this fall. But she was ready for the fall semester to begin.

She is taking 18 credits of coursework and is excited to begin learning more about vaccinations and how specific medications target diseases. The program will prepare her to become certified in North Dakota to administer vaccines.

And she'll do it all while balancing family, work and school.

"My advice is to be organized and have a good support system," Jantze said. "I get a lot of support from our daycare and staff and faculty. They've been great working with my husband and me."

NDSU School of Pharmacy developing ways to assist pharmacists in increasing adult immunization rates.

By Carol Renner, Office of the Dean, Communication Coordinator, NDSU College of Health Professions

[Submitted article: NoDak Pharmacy, November 2017]

NDSU researchers have received a nearly \$10,000 North Dakota Department of Health grant to help increase adult immunization rates. The team is developing a targeted education program for state pharmacists. The work includes a survey recently sent to all pharmacists in North Dakota.

Elizabeth Skoy, associate professor of practice in pharmacy practice, is leading the effort. Collaborators include Michael Kelsch, associate professor of practice and vice chair in the School of Pharmacy, and Dr. Paul Carson and Kylie Hall from the Center for Immunization Research and Education in the NDSU Department of Public Health.

The grant's title is "Increasing North Dakota's Adult Vaccination Rates," and the project consists of developing and delivering a minimum of three one-hour pharmacy-based education modules to pharmacists within the 20 counties with adult immunization rates below 30 percent for pneumococcal and shingles. The counties are primarily in the western and south central parts of North Dakota.

State law allows authorized pharmacists to provide any immunization to individuals 11 years and older. Currently, 364 registered North Dakota pharmacists are authorized to provide immunizations. That number represents only 41 percent of state pharmacists, providing less than 9 percent of all administered pneumococcal immunizations to adults 65 and over and approximately 30 percent of all zoster vaccines to adults 60 year and older, according to the North Dakota Immunization Information System.

The researchers are surveying approximately 900 pharmacists across the state and making phone calls to pharmacies in counties with low adult immunization rates.

"Our goal for the survey is to conduct a needs assessment to determine physical and educational resources needed for pharmacists regarding adult immunizations. Pharmacists are arguably the most accessible health care provider, especially in some of our more rural areas of North Dakota," Skoy explained.

"Our goal from the grant awarded by the North Dakota Department of Health is to increase adult immunization

rates through targeted pharmacist education. However, before we can develop the educational materials and resources, we need to find out what pharmacists would find to be most helpful and perceived barriers to immunization delivery."

For additional information about these program efforts, contact Skoy at Elizabeth.Skoy@ndsu.edu.



Dr. Elizabeth Skoy, associate professor of practice in pharmacy practice in the NDSU School of Pharmacy, leads a project to assist pharmacists in increasing adult immunization rates in North Dakota. NDSU's Center for Immunization Research and Education in the College of Health Professions is also participating in the efforts.



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BUT WHO'S
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Former NDSU Associate and Interim Dean of Pharmacy Remembered

By Carol Renner, Office of the Dean, Communication Coordinator, NDSU College of Health Professions

Submitted article: NoDak Pharmacy, November 2017



Dr. Stephen Hoag served as associate and interim dean in the NDSU School of Pharmacy. A celebration of his life was held in Duluth, Minnesota this fall.

A celebration of life was held on October 28 in Duluth, Minnesota, for Stephen Guttormur Hoag, 73, former associate dean and interim dean of the NDSU School of Pharmacy. He passed away on October 16, 2017. A member of the Class of 1967, Hoag received a degree in pharmacy from North Dakota State University. He received his master's degree and Ph.D. in clinical pharmacy from Purdue University.

From 1978 to 1981, Hoag served as chair of the Department of Pharmacy Practice at NDSU. He then served as associate dean of the School of Pharmacy from 1981 to 1987 and as interim dean. He also served in dean and provost positions at the University of Minnesota, Drake University, and Ohio Northern University. He was a member of Kappa Psi Pharmaceutical Fraternity.

Hoag was a graduate of East High School in Duluth, Minnesota. According to his obituary published in the Duluth News Tribune: "He relished and embraced the many successes of his

family, faculty and colleagues."

One colleague impacted by Dr. Hoag was Dr. Donald Miller, professor of pharmacy practice at NDSU. "Steve was a great mentor to me when I got hired," said Miller, a previous Al Doerr Service Award recipient for outstanding public and professional service to pharmacy.

Dr. Hoag is survived by his wife, Jill, sons Arthur, and Joel, and extended family.

In Hoag's obituary, the family requested that in lieu of flowers, memorials may be made to the Colleges of Pharmacy at North Dakota State University, the University of Minnesota, Drake University, Ohio Northern University or the Alzheimer's Association.

The complete obituary is found in the Duluth News Tribune at <http://www.duluthnewstribune.com/obituaries/4346021-stephen-guttormur-hoag>

If interested in contributing to Stephen Guttormur Hoag Memorial Scholarship at NDSU School of Pharmacy, contact jklocke@ndsualumni.com, 701-219-9052 or send to NDSU Foundation and Alumni Association, PO Box 5144, Fargo ND 58105-5144 and list School of Pharmacy Stephen Hoag Memorial Scholarship.

SAVE THE DATE!



FEBRUARY 16-18, 2018
*Holiday Inn Des Moines-Airport
& Conference Center*

Highlights (so far) for the 2018 Midwest Pharmacy Expo include:

High Quality Live CE: Up to 16.5 hrs for pharmacists and 10 hrs for pharmacy technicians

Clinically Intensive Program: Friday, Feb. 16, will feature high-level clinical programming designed for those who have or are seeking advanced certification

Keynote by Jacques Turgeon, BPharm, PhD:

Dr. Turgeon is the chief scientific officer at Tabula Rasa HealthCare and will give the Saturday keynote on precision medicine.

...And More!

Agenda & Registration Coming in November!

www.MidwestPharmacyExpo.com

USP Chapter 800 Hazardous Drugs / Handling in Healthcare Settings

By Mark J Hardy, PharmD, Executive Director
ND State Board of Pharmacy

The recent big news in the practice of Pharmacy was the decision by the United States Pharmacopeia to delay the implementation of USP 800 until December 2019. This delay in implementation will provide ample time for Boards like ours and pharmacies to determine a response to this new chapter.

USP 800 will affect not only pharmacies across the state but also healthcare facilities as well.

USP 800 provides guidance for personal handling of hazardous drugs, including the use of personal protection equipment and proper communication, training, transport, package labeling and proper disposal. It also offers specifications for the building environment for handling these "hazardous" drugs. For many pharmacy locations not compounding, the USP 800 standard may not require modification of their space. However, pharmacies that may conduct hazardous drug compounding may need to make extensive changes to come into compliance with the standard.

The Board of Pharmacy has been talking about USP 800 Standards, including if we are going to adopt the standard or modify our existing current Rules to address the new standards relative to hazardous drugs. At a minimum, there are certainly improvements that can be made in our profession relative to notification and educating our staff and employees about the dangers of hazardous drugs and how to correctly limit our exposure.

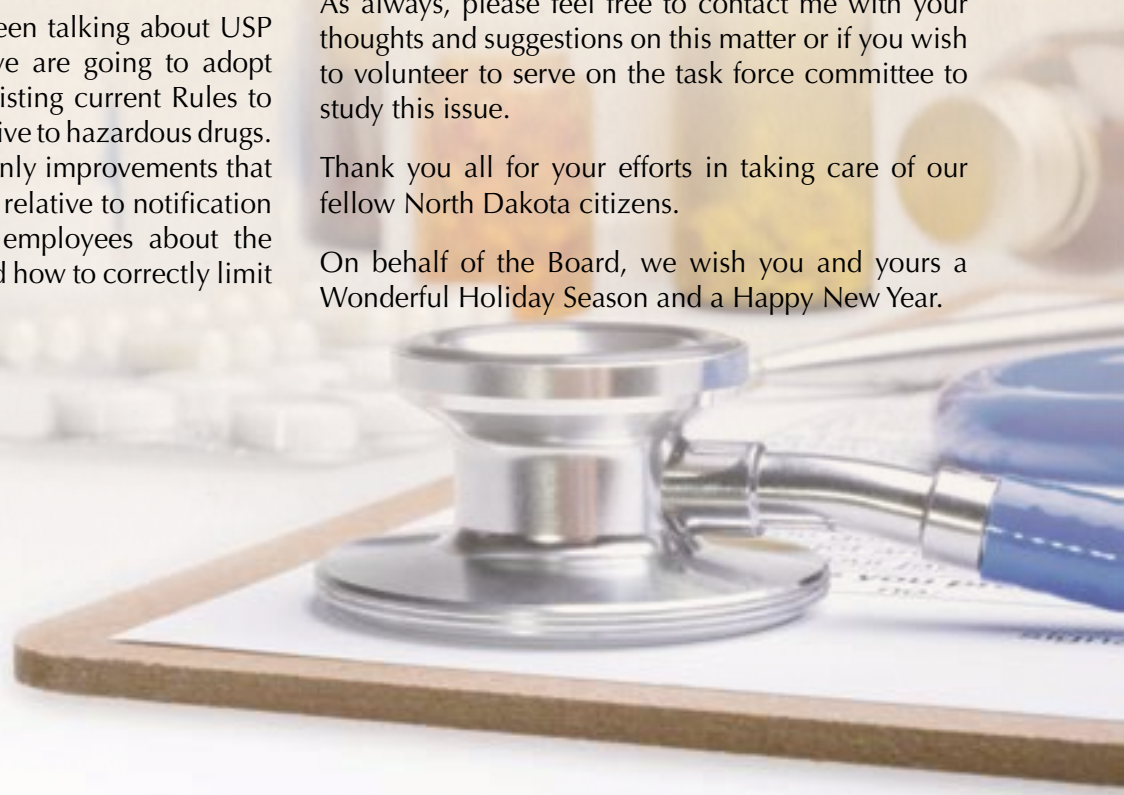
For many of our health system pharmacies, the modification of space must be completed to accommodate the USP 800 Standards, as it will be the enforceable standard of both JCAHO and CMS accreditation. As things progress, compliance will certainly involve education and setting policies and procedures around how these hazardous drugs will be safely handled to minimize risk, according to where the drug falls on the NIOSH list.

I encourage you to take the time to educate yourselves on what implications USP 800 would mean to your practice and practice site. Please keep the Board informed on what you feel is the appropriate path moving forward in progression of developing an approach to ensure limited exposure to these potentially harmful substances. The Board will more than likely create a task force to assist the Board with the pros and cons of USP 800 and to determine what the right path is for our profession in response to these new standards.

As always, please feel free to contact me with your thoughts and suggestions on this matter or if you wish to volunteer to serve on the task force committee to study this issue.

Thank you all for your efforts in taking care of our fellow North Dakota citizens.

On behalf of the Board, we wish you and yours a Wonderful Holiday Season and a Happy New Year.



Fourth Quarter 2017: Pharmacy Time Capsule

Posted on September 29, 2017

By: Dennis B. Worthen, PhD, Cincinnati, OH



One of a series contributed by the American Institute of the History of Pharmacy, a unique non-profit society dedicated to assuring that the contributions of your profession endure as a part of America's history. Membership offers the satisfaction of helping continue this work on behalf of pharmacy, and brings five or more historical publications to your door each year. To learn more, check out: <http://www.aihp.org/>.

1992

- For fiscal 1992, the total amount Medicaid spent on drugs approached \$6.8 billion.s
- National health care spending was \$854.1 billion or \$3,287/person
- There were 75 accredited colleges of pharmacy (compared to 130 in 2015)

1967

- For fiscal year 1967, the total amount Medicaid spent on drugs exceeded \$182 million.
- National health care spending was \$51.6 billion or \$253/person

1942

- Marijuana was removed from the US Pharmacopeia in 1942. It had been included since 1854.
- Premarin first marketed by Ayerst.

1917

- Dean Rufus Lyman of the University of Nebraska calls for the formation of a national pharmacy honor society that is eventually realized with the founding of the Rho Chi Society.



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— **Melissa Nelson**

Employee Engagement Coordinator
Eventide Senior Living Communities



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NDPhA Award Nominations Criteria

Fax to: (701) 258-9312 or

Email to: ndpha@nodakpharmacy.net by **FEBRUARY 16, 2018.**

A list of past recipients can be found on our website at www.NodakPharmacy.net. Scoring details for nominations received can also be found on our website listed above. Nominations should be submitted **ALONG WITH BIOGRAPHICAL INFORMATION.**

NDPhA AWARDS NOMINATIONS CRITERIA

AL DOERR SERVICE AWARD

The recipient must be a pharmacist licensed to practice in North Dakota. The recipient must be a member of the North Dakota Pharmacists Association; be living (not presented posthumously); not have been a previous recipient of the award; have compiled an outstanding record for community and pharmacy service.

Nominee: _____ Submitted by: _____

UPSHER-SMITH LABORATORIES EXCELLENCE IN INNOVATION AWARD

The recipient should be a practicing pharmacist within North Dakota and a member of NDPhA who has demonstrated Innovative Pharmacy Practice resulting in improved patient care.

Nominee: _____ Submitted by: _____

PHARMACISTS MUTUAL DISTINGUISHED YOUNG PHARMACIST AWARD

The goal of this award is to encourage the newer pharmacists to participate in association and community activities. The award is presented annually to recognize one such person for involvement and dedication to the practice of pharmacy. The recipient must: have received his/her entry degree in pharmacy less than nine years ago; be a pharmacist licensed to practice in North Dakota; a member of NDPhA; have practiced community, institutional, managed care or consulting pharmacy and have actively participated in national pharmacy associations, professional programs, state association activities and/or community service.

Nominee: _____ Submitted by: _____

APhA/NASPA BOWL OF HYGEIA

The recipient must: be a pharmacist licensed to practice in North Dakota; a member of NDPhA; be living (not presented posthumously); not have been a previous recipient of the award; is not currently serving, nor has he/she served within the immediate past two years as an officer of the association in other than an ex-officio capacity or its awards committee; have compiled an outstanding record of community service, which apart from his/her specific identification as a pharmacist, reflects well on the profession.

Nominee: _____ Submitted by: _____

GENERATION RX CHAMPIONS AWARD SPONSORED BY THE CARDINAL HEALTH FOUNDATION

This award was established to recognize a pharmacist for his or her work in prescription drug abuse, which could also include recovery and education.

Nominee: _____ Submitted by: _____

NAPT Award Nominations Criteria

Fax to: (701) 258-9312 or Email to: ndpha@nodakpharmacy.net by **FEBRUARY 16, 2018**

NAPT AWARDS NOMINATIONS CRITERIA

Nominations accepted from:

- North Dakota Registered Pharmacy Technician
- North Dakota Licensed Pharmacist
- Practicing professional in the medical field

DISTINGUISHED YOUNG PHARMACY TECHNICIAN

- The nominee shall be a practicing Pharmacy Technician of less than 10 years.
- The nominee shall be registered as a Pharmacy Technician in North Dakota.
- The nominee displays passion to the Pharmacy Technician profession and strives for excellence in the Profession of Pharmacy.
- The nominee exemplifies work ethic in the Profession of Pharmacy.

Nominee: _____ Submitted by: _____

DIAMOND AWARD

- The nominee shall be registered as a Pharmacy Technician in North Dakota.
- The nominee must be living, awards are not made posthumously.
- The nominee has not been a previous recipient of the award.
- The nominee is not currently serving as an officer of NAPT.
- The nominee has compiled an outstanding record of community and pharmacy service.

Nominee: _____ Submitted by: _____

FRIEND OF NAPT

- The nominee has not been a previous recipient of the award.
- The nominee has been an advocate of NAPT and the Profession of Pharmacy Technicians.
- The nominee can be a person(s) working in the Profession of Pharmacy; a person, group, or organization.

Nominee: _____ Submitted by: _____

Note: Nominations are only accepted from ND Registered Pharmacy Technicians.

PHARMACY TECHNICIAN OF THE YEAR AWARD

- The nominee shall be a Registered Pharmacy Technician in North Dakota.
- The nominee exemplifies the work ethic in the Profession of Pharmacy.
- The nominee has not been a past recipient of the award.
- The nominee demonstrates the key elements of the Pharmacy Technician Profession and demonstrates an outstanding record of pharmacy service.

Nominee: _____ Submitted by: _____

NDSHP Award Nominations *Criteria*

Fax to: (701) 234-7137 or Email to: amber.olek@gmail.com by **FEBRUARY 16, 2018.**

NDSHP AWARDS NOMINATIONS CRITERIA

NORTH DAKOTA HEALTH-SYSTEM PHARMACIST OF THE YEAR

Established in 1998, this award is given annually to an individual of high moral character, good citizenship, and elevated professional ideals. The recipient has made significant contributions to health-system pharmacy, including sustained exemplary service, an outstanding single achievement, or a combination of accomplishments benefiting the profession and public health. These may include achievements or outstanding performance that relate to health-system pharmacy: Practice, education, or administration; Research or development; Organizational activities; Scientific or professional writing; Journalism; Public and/or inter-professional relations activities; or Law, legislation, regulation, or standards of professional conduct.

Nominee: _____ Submitted by: _____

NDSHP BEST PRACTICES AWARD

This award has recognized outstanding practitioners in health-system pharmacy who have successfully implemented innovative systems that demonstrate best practices in health-system pharmacy. Eligibility: Applicants must be practicing in a health-system setting, such as an ambulatory care clinic, chronic care, home health care, inpatient care, or outpatient pharmacy. More than one successful program from a health system may be submitted for consideration. Applicants will be judged based on the following criteria: Originality and innovative nature of the program, Significance of the program to the health system, Demonstration of improvements, Significance of the program to pharmacy practice advancement, and Quality of the descriptive report.

Nominee: _____ Submitted by: _____

AWARD OF EXCELLENCE IN MEDICATION USE SAFETY

May be conferred annually to an individual or group of individuals in recognition of a specific recent contribution or achievement that has advanced the ability of hospital and health-system pharmacists in North Dakota to serve the needs of patients through improved medication safety processes. Pharmacists and nonpharmacists are eligible. The award is intended to recognize an individual or group of individuals for a recent singular, significant achievement or contribution rather than for career-long contributions. Include the following information when submitting your nomination: Professional position of the nominee (or individuals in a group) at the time of the contribution or achievement; Current professional position of the nominee or individuals in a group; Summary of the contribution or achievement; Brief statement about how the contribution or achievement advanced the ability of hospital and health-system pharmacists to serve the needs of patients, and Brief statement about why the contribution or achievement is of significance.

Nominee: _____ Submitted by: _____

PHARMACY PRACTICE LITERATURE AWARD

The Pharmacy Practice Literature Award recognizes an outstanding original contribution to the peer-reviewed biomedical literature related to pharmacy practice in hospitals and health-systems. The award is given annually to the author(s) of an important contribution of original research relevant to health-system pharmacy practice published during the calendar year preceding the state convention. Eligibility: The article submitted for the Pharmacy Practice Literature Award must have been published in a PubMed-indexed, peer-reviewed biomedical journal in the last calendar year. This article will be included in the nomination. For this award, the applicant must be a pharmacist. The applicant must be either the first or second author listed on the nominated article. To be eligible for this award, the applicant must have participated in each of the following: Substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; Drafting the article or revising it critically for important intellectual content; and Final approval of the version to be published.

Nominee: _____ Submitted by: _____

133rd Annual NDPhA Convention

April 19-22, 2018 • Holiday Inn, Fargo

Highlights:

Thursday night NDSU School of Pharmacy Social:

The first 50 attendees will have the opportunity to win “valuable” prizes!!!

Networking opportunities for all pharmacists and technicians from all types of practices.

Great opportunity to be involved in the most current practice discussions!

Receive Continuing Education – CE Topic Highlights:

- Preceptor Training focusing on the new requirements for NDSU Pharm.D. preceptors.
- National Alliance Pharmacy Practice: Update
- Public Health Immunization Update
- Public Health Posters presented by NDSU Pharm.D. Students
- Update on Alzheimers Disease
- The Use of Novel Renal Biomarkers to Optimize Medication Therapy
- Tobacco Cessation
- USP 800: Relative to Community and Health Systems Pharmacy
- Palliative Care
- Geriatrics and Polypharmacy
- Transitions of Care
- “Women in Leadership” Workshop
- Board of Pharmacy Review
- Pharmacy Pearls relative to both Pharmacists and Technicians



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North Dakota Annual Pharmacy Convention Registration Form

(One person per form, photocopy as needed)

April 19-22, 2018 at the Holiday Inn, I-29 & 13th Avenue S, Fargo, ND 58103 • Ph. 701-282-2700

(A block of rooms has been reserved under ND Pharmacy Convention)

Toll Free 800-282-2700

Name:

Guest/Spouse Name:

Mailing Address:

City/State:

Zip Code:

Phone:

Email Address:

Entire Convention & Day Registration – Meals are included – please mark meals you will be attending below

| | | | | Before March 15 | | After March 15 | | Total | |
|---|-----------|-------|---------|-----------------|---------------------|------------------------------|-------------------|-------|----|
| Pharmacist | | | | Member | | Non-Member | | | |
| Entire Convention | | | | 200 | | 350 | | \$ | |
| Friday | | | | 120 | | 270 | | \$ | |
| Saturday | | | | 120 | | 270 | | \$ | |
| Sunday | | | | 60 | | 210 | | \$ | |
| | | | | | | | | | |
| Technician | | | | | | | | | |
| Entire Convention | | | | 100 | | 125 | | \$ | |
| Friday | | | | 60 | | 75 | | \$ | |
| Saturday | | | | 60 | | 75 | | \$ | |
| Sunday | | | | 35 | | 50 | | \$ | |
| Technician Sponsor | | | | 100 | | Technician Name: | | | \$ |
| | | | | | | | | | |
| Student Registration | | | | 50 | | 75 | | \$ | |
| Student Sponsor | | | | 50 | | Number of Students Sponsored | | | \$ |
| | | | | | | | | | |
| Meals – Please mark meals you will be attending and additional Guest Meals to be included | | | | | | | | | |
| Included in Registration | Breakfast | Lunch | Banquet | Guest Meals | Breakfast \$15 each | Lunch \$20 each | Banquet \$40 each | | |
| Friday | | | | | \$ | \$ | \$ | \$ | |
| Saturday | | | | | \$ | \$ | \$ | \$ | |
| Sunday | | | | | \$ | \$ | \$ | \$ | |
| | | | | | Registration Total | | | | \$ |

Please note any special meal considerations or accommodations call 701-258-4968

Type of Card (circle one) Visa or Mastercard

_____/_____/_____
Credit Card Number Expiration Date CVV (3 digit code)

Name on Card: Billing Address, City, State, Zip Code

Signature: Date:

Mail Completed Forms and Payment to NDPhA, 1641 Capitol Way, Bismarck, ND 58501
Or Register On-line at www.nodakpharmacy.net, select Convention Tab and click on On-line Convention Registration

Student Auction Donation Form

PLEASE PRINT INFORMATION BELOW AND RETURN TO:

PhAC AUCTION, NDPhA, 1641 Capitol Way, Bismarck, ND 58501-2195

Fax: 701-258-9312 • Ph: 701-258-4968 • Email: ndpha@nodakpharmacy.net

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ITEM QUANTITY

DOLLAR VALUE

ITEM QUANTITY

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DOLLAR VALUE



DELIVERY IS THE RESPONSIBILITY OF THE DONOR.

Items are appreciated by 10:00 AM-Saturday, April 21
The Silent Auction will be held on **Saturday, April 21, 2018.**

The Pharmacy Advancement Corporation Scholarship Annual Auction will be held Saturday April 21, 2018. The auction committee would like to invite everyone to participate by donating items. The North Dakota Pharmacists Association is celebrating 133 years so come on you woodcrafters, quilters, and other artisans help us celebrate this momentous occasion. This year we will be starting the silent auction at 2:30 pm, allowing more opportunities for convention attendees to participate. The highlight of the evening will be the "live" auction following the President's Banquet. Please forward any questions to Lorri at ndpha@nodakpharmacy.net or call 701-258-4968. Thank you for your participation in the past and we look forward to another outstanding auction.



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Invoice for NDPhA Membership

January 1- December 31, 2018

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Or Renew On-line at www.nodakpharmacy.net, select the "JOIN" tab

ND License #: _____

Name: _____

Address: _____

City, St, Zip: _____

Email: _____

Would you like to receive email updates from NDPhA

☐ Yes

☐ No

Legislative District _____

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NDPhA

1641 Capitol Way

Bismarck, ND 58501-2195

Fax: 701-258-9312

☐ Check Enclosed Amount _____

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☐ Active Member (ND Licensured Pharmacists) \$150

☐ Corporate Member (Having a business interest in Pharmacy, up to 5 Active memberships) \$750 – List memberships below:

RPh Lic #

Name

☐ Associate \$50

☐ Student (No fee)

Additional Support

☐ Contribution to NDPhA Political Action Committee (PAC)

Cannot be Corporate Checks AND must be a Separate Check

We are sorry but we are unable to process PAC contributions online.

Make checks payable to NDPhA PAC.

Check enclosed:

Amount _____

☐ Contribution to the Pharmacy Advancement Corporation (PhAC) Student Scholarship Fund

These funds are used entirely to provide scholarships to NDSU College of Pharmacy Students. Personal or Corporate Checks are accepted.

We are sorry but we are unable to process PhAC contributions online.

Make checks payable to Pharmacy Advancement Corporation.

Check enclosed:

Amount _____

Your NDPhA Membership investment is not deductible as a charitable contribution for federal tax purposes, but may be deductible as a business expense. The portion of your dues which are allocated for lobbying expenses and which may not be deductible is 10%.

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Design Information

Ads may be submitted in .tiff, .eps, .jpg, or .pdf format. 300 DPI, high resolution press quality CMYK images only. Ads may be submitted as original Illustrator or Photoshop format. If the original ad is submitted, please include all linked files and change all type to outlines. Please provide hard copy print. Ads on a disk or e-mailed must be zipped (PC), or stuffed as a self-extracting file (MAC).

Original copy may also be submitted along with photos and art. Quality Printing will design or modify an ad for you. You will be charged \$50 per hour for design work.

| 2017-2018 Advertising Rates | 1 Issue | 3 Issues | 5 Issues |
|--|-------------|-------------|-------------|
| <i>SIZE</i> | <i>COST</i> | <i>COST</i> | <i>COST</i> |
| Full Page | \$1,050 | \$950 | \$900 |
| 1/2 Page Horizontal | \$700 | \$600 | \$550 |
| 1/4 Page Horizontal | \$450 | \$350 | \$325 |
| Inside Front Cover/Back Cover | \$1,100 | \$1,000 | \$950 |
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| • All color is process color • Ad Rates are net • Ad rates are per issue | | | |

*If for any reason the obligation of a signed contract is not fulfilled, back charges will apply based on the frequency of the ads.

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2017-2018 Publication and Advertising Schedule

| Issue | Artwork/Editorial Due | Mail Date |
|-----------|-----------------------|----------------|
| January | Jan. 10, 2018 | Jan. 31, 2018 |
| March | Mar. 5, 2018 | Mar. 31, 2018 |
| July | Jul. 9, 2018 | Jul. 31, 2018 |
| September | Sept. 6, 2018 | Sept. 30, 2018 |
| November | Nov. 8, 2018 | Nov. 30, 2018 |
| January | Jan. 09, 2019 | Jan. 31, 2019 |
| March | Mar. 04, 2019 | Mar. 31, 2019 |



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| 1/2 Page | | |
| 1/4 Page | | |
| Inside Front/Back Cover | | |
| Back Cover | | |

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- Account balance is due in full prior to publication. A monthly finance charge of 1.5%, which is 18% per annum, will be charged on the unpaid balance of past due accounts. Customer agrees to pay reasonable attorney's fees and other costs of collection after default and referral to an attorney
- All materials will be reviewed for acceptability, and the publisher reserves the right to refuse any advertisement.
- Position of advertisements is at the discretion of the publisher, unless the advertiser has specifically contracted for a premium position.
- Advertisers assume liability for all content (including text representation and illustration) of the advertisement printed and agree to indemnify, protect and hold harmless NDPhA and the publisher from any claim or action based on the content of an advertisement published.
- Order is non-cancelable. In the event that an advertisement is not printed for any reason, a refund will be given. If there is a problem with an ad, such as late distribution, or quality that is the publisher's fault, a make-good will be given.
- Publisher reserves the right, at its discretion, to either refund or make good any paid ad that does not run due to publisher error.
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