

# NoDak Pharmacy Journal

Volume 30, No. 1 January 2017

**Convention- pg 6**

**Award Nominations- pg 7**

**Legislative Updates- pg 20**





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## Save the Date!

132<sup>nd</sup> ND Annual  
Pharmacy Convention  
April 20-23, 2017  
Grand Hotel  
1505 North Broadway  
Minot, ND 58703  
1-800-735-4493



# Table of contents

NDPhA Board of Directors .....	2
NDPhA President's Message .....	4
ND Pharmacy Annual Convention Update .....	6
NDPhA Award Nominations Criteria .....	7
NAPT Award Nominations Criteria .....	8
NDSHP Award Nominations Criteria .....	9
NAPT Chairperson's Message .....	10
NAPT Board of Directors .....	10
NAPT Mission Statement .....	11
NDSU School of Pharmacy.....	13-15
NDSU Membership Dues .....	18
NDPhA Legislation Grid .....	20-22
2017 Pharmacy Rally Form.....	23



## 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:  
March 8, 2017**

## NoDak Pharmacy Journal

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# 2017 Calendar

## FEBRUARY

Feb 2	Groundhog Day
Feb 20	President's Day
Feb 24	Crossover date for bills
Feb 27-28	ND Legislative Recess
Feb 28	Mardi Gras

## MARCH

Mar 8	Crossover date for resolutions
Mar 12	Daylight Savings begins
Mar 17	Happy St. Patrick's Day
Mar 21	NDPhA Legislative Day/ Ice Cream Social, ND State Capitol
Mar 24-27	APhA Annual Meeting & Expo, San Francisco CA

## APRIL

April 1	April Fools' Day – watch out
April 5	Bills and Resolutions must be reported out of committee in second house
April 14	Good Friday
April 17	Easter Sunday
April 21-23	132 <sup>nd</sup> ND Annual Pharmacy Convention, Grand Hotel, Minot
April 26	ND Legislative Session limited to 80 legislative days
April 25	Arbor Day



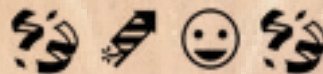
# NDPhA President's Message



Colleagues,

As I texted my friends and family, "Happy New Year," then added a couple celebration emojis, and pushed "send", a real display of fireworks appeared on my phone screen. This display was also played to the recipient of my message!

How that happened, I don't know, but I smiled and wished that I could send all my pharmacy colleagues the same "live" greeting. This is the best I can do .....



**Wishing you all a belated, but sincere HAPPY NEW YEAR!!**

This year, "Fireworks" will have a special meaning at the NDPhA office as we introduce legislation that will require Mike Schwab to have even more energy and result in some interesting/heated debates on the floors of the Senate and House of Representatives! Please try to make yourself available to support our profession through your presence in Bismarck, personal and patient testimonies, and possible data, as it is going to take an army to get legislators to hear our message.

Our State Convention will be held from April 20 through April 23, 2017. Please note the registration and nomination forms located in this newsletter. Minot always hosts a memorable convention, so save the date and join us for conversation, laughter, and camaraderie.

On January 28th, NDSU School of Pharmacy will complete another step in advancing the practice of pharmacy in North Dakota. Twelve pharmacists will participate in the first "Point of Care testing" training session, focusing on Strep, Influenza, Hep C, and HIV screening. This certification program has been developed by NACDS. Dr. Elizabeth Skoy and Dr. Alicia Fitz will conduct the day of training at NDSU, which will consist of 20 hours of CE. Members of NDPhA and NDSU faculty have met with BCBS to discuss potential reimbursement for providing this service to your patients. Because of the success of pharmacist involvement in providing immunizations to patients, BCBS was amenable to reviewing data and further discussions.

During 2017, NDPhA will be partnering with South Dakota Indian Health Services to provide certification training on immunizations and smoking cessation. Program dates will be sent out via email and/or provided in this newsletter.

I look forward to seeing you at the convention in April!

*Wanda Roden*

President NDPhA



# Partnering with Independent Pharmacy

As an industry leader we can make your life easier!



## LEVERAGE

You will be joining a national chain of pharmacies that has partnerships all across the industry to provide leverage you never knew was available.



## SUPPORT

You will be partnering with a reputable chain of pharmacies that is in the same day to day business as you, whether its retail, closed door or specialty pharmacy, we are all working together toward a common goal.



## SPECIALTY PHARMACY

Thrifty White Pharmacy has developed a Specialty Pharmacy Solution specifically for our Affiliated Pharmacy Partners to grow into this space.



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You will gain access to purchase from our proprietary generic warehouse where we source 70% of the generics we dispense direct from more than 65 generic drug manufacturers, all at NET PRICING. Contracts are negotiated on behalf of 1,100+ pharmacies across the country, representing \$1 Billion in annual generic purchases, so you know you'll be receiving best in industry pricing.

2016 Pharmacy Innovator from Drug Store News



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## 132<sup>nd</sup> ND Annual Pharmacy Convention



NAME \_\_\_\_\_ DOB \_\_\_\_\_

ADDRESS \_\_\_\_\_ DATE \_\_\_\_\_



The 132nd Annual Convention of the North Dakota Pharmacists Association (NDPhA) will be held in Minot, ND, April 21-23, 2017 at the Grand Hotel, 1505 N Broadway, Minot, ND 58703, Phone: (800) 735-4493. There is a block of rooms that will be held until April 6. The convention will provide educational and business sessions for all participants and includes meetings of The Northland Association of Pharmacy Technicians (NAPT) and the North Dakota Society of Health System Pharmacists (NDSHP).

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REFILL \_\_\_\_\_ TIMES PRN NR

MD

## Student Auction

The Pharmacy Advancement Corporation Scholarship Annual Auction will be held Saturday April 22, 2017 after the President's Banquet during the ND Annual Pharmacy convention at the Grand Hotel, Minot. The auction committee would like to invite everyone to participate by donating items. The North Dakota Pharmacists Association is celebrating 132 years so come on you woodcrafters, quilters, and other artisans help us celebrate this momentous occasion. As in years past, several items will be placed on a silent auction with the highlight of the evening being the "live" auction.

Please forward any questions to Lorri at [ndpha@nodakpharmacy.net](mailto:ndpha@nodakpharmacy.net) or call 701-258-4968.

Thank you for your participation in the past and we look forward to another outstanding auction.

# NDPhA Award Nominations *Criteria*

Fax to: (701) 258-9312 or

Email to: [ndpha@nodakpharmacy.net](mailto:ndpha@nodakpharmacy.net) by **FEBRUARY 20, 2017.**

A list of past recipients can be found on our website at [www.NodakPharmacy.net](http://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; has 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 who has 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 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](mailto:ndpha@nodakpharmacy.net) by FEB. 20, 2017

## 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 SPONSORED BY PHARMACISTS MUTUAL

- 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 SPONSORED BY THRIFTY WHITE PHARMACY

- 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 SPONSORED BY 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 SPONSORED BY DAKOTA DRUG

- 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](mailto:amber.olek@gmail.com) by **FEBRUARY 20, 2017**.

## **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: \_\_\_\_\_



# Message from the NAPT Chairperson

## Happy New Year!!

NAPT created the Pharmacy Technician Recruitment video as a tool in recruitment for Pharmacy Technicians. The video is posted along with the accompanying brochure on the North Dakota Board of Pharmacy website and North Dakota Pharmacists Association website.

The Executive Board is actively working on a second video on the Pharmacy Technician Profession. The video committee is working towards the completion of this video sometime in the fall.

It is with a heavy heart that Amanda Olauson has turned in her resignation as President of NAPT. Amanda feels she is unable to give the position of NAPT President the attention that is required and felt it was in the best interest of NAPT. On behalf of the NAPT Executive Board, we would like to thank Amanda for her dedication and passion for the profession!

Save the Date! NAPT Fall Conference 2017 will be held in Bismarck, ND at the Ramkota Hotel on September 15-16. Mark your calendar and join the Executive Board for an exciting weekend of continuing education and networking.

It is that time of year again to be thinking about nominations for the annual NAPT awards. Take a minute to nominate that Technician that has done an outstanding job in the Profession. The deadline to submit nominations is February 20th.

Open positions on the Executive Board for the 2017-2018 term are Vice-President/President Elect, Treasurer and Secretary. If you are interested in serving on the NAPT Executive Board or have questions about one of the open positions you may contact me at [gdkisse@hotmail.com](mailto:gdkisse@hotmail.com) or one of the Executive Board members. It is a great opportunity to become involved in your profession!

*Donna Kisse*

Chairperson

Look for the Annual NAPT Flyer  
on the NDPhA website at:

<http://nodakpharmacy.net/wordpress1>

Select NAPT Tab

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## Northland Association of Pharmacy Technicians Mission Statement

The Northland Association of Pharmacy Technicians (NAPT) is the professional organization representing all Pharmacy Technicians and Technicians-in-Training, and is an academy of the North Dakota Pharmacists Association (NDPhA).

We strive to provide leadership, continuing education, and collaboration among technicians and other providers in the healthcare industry.

Our goal is to meet the expectations of those it serves and promote Pharmacy Technicians as an integral part of the Patient Care Team, emphasizing the importance of Patient Safety.

## NAPT Award Nominations

NAPT would like to recognize pharmacy technicians dedicated to patient care and the Pharmacy Technician Profession. If you work with a technician that does an outstanding job and goes above and beyond any expectations set for them, take a minute and nominate the technician for one of the NAPT annual awards. The nominator shall send a letter of recommendation to the attention of NAPT President, Tracy Lindsey via email: [ndpha@nodakpharmacy.net](mailto:ndpha@nodakpharmacy.net) or mail to NDPhA 1641 Capitol Way, Bismarck, ND 58501.

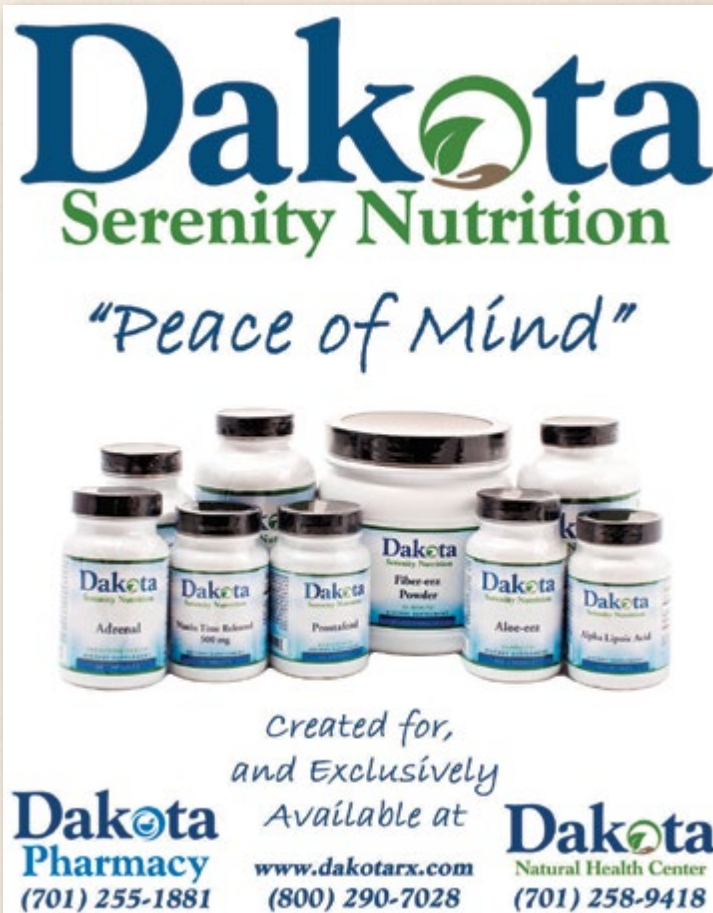
**Deadline for nominations is February 20th, 2017**

## NAPT is an Association for Pharmacy Technicians run by Pharmacy Technicians!

Technicians are you looking for a new challenge in your life? The opportunity is here to take that leap, get involved and have a voice in your profession. The NAPT Executive Board has open positions for the upcoming 2017-2018 term. The open positions are Vice-President/President Elect, Treasurer and Secretary. If you are interested in serving on the board or have any questions regarding a position you may contact one of the Executive Board members. It is a great opportunity to provide leadership within our organization.

### Save the Date!

NAPT Fall Conference  
September 15 & 16, 2017  
Ramkota Hotel  
Bismarck, ND



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## NDSU Pharma Research Benefits Patients and Enhances Student Opportunities

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

John Runsvold takes pancreatic cancer personally. As a survivor, John is active in the Fargo/Moorhead Pancreatic Cancer Awareness Group. Once a student at North Dakota State University, John and his wife, Cyd, a graduate of the NDSU pharmacy program, say they see the value in a new research center at NDSU.

The Center for Diagnostic and Therapeutic Strategies for Pancreatic Cancer in the School of Pharmacy in the College of Health Professions researches ways to diagnose the deadly cancer earlier and develop therapeutic approaches that target the proliferation of pancreatic cancer cells.

The work of the Center is among many opportunities for students and faculty. Grant-funded research in pharmaceutical sciences in the College of Health Professions at NDSU has grown significantly to its current level of \$30 million cumulative grants awarded, including six competitive R01 grants from the National Institutes of Health.



*As chair of pharmaceutical sciences in NDSU's School of Pharmacy, Dr. Jagdish Singh provides student opportunities in Sudro Hall labs. Singh's research on Alzheimer's disease and insulin delivery systems is funded by more than \$2.2 million in competitive grants from the National Institutes of Health.*

Research areas in the School of Pharmacy include: pancreatic, colorectal and other cancers; Alzheimer's disease; bariatric surgery; cardiovascular; diabetes; engineering spider silk for targeted drug delivery; treatment of chronic bone infections; health promotion and disease prevention.

Students work side-by-side with faculty. Here's a look at some of the innovative research underway.

Jagdish Singh, chair and professor in pharmaceutical sciences at NDSU, received a \$1.89 million, five-year grant award from NIH to study Alzheimer's disease. The goal of the research is to develop a new delivery system that uses neurotrophic growth factor.

"By developing a mechanism to more efficiently deliver Nerve Growth Factor across the blood brain barrier, strides can be made to more effectively treat diseases such as Alzheimer's," explained Singh.

The research includes Dr. Takahisa Kanekiyo of Mayo Clinic, Jacksonville, Florida. Singh also received a \$328,000 competitive NIH grant to develop new insulin delivery systems, focusing on controlled release to deliver basal

level insulin for up to three months after a single injection in patients with type 1 diabetes.

### Many approaches to fight disease

Colon cancer research also is underway at NDSU. Steven Qian, associate professor of pharmaceutical sciences in the School of Pharmacy, received a three-year \$435,000 grant from NIH. Qian's research focuses on creating more effective therapies to combat colon cancer and to lessen the side effects of chemotherapy.

Dr. Qian's team is researching the high level of an enzyme called cyclooxygenase (COX) in cancer and the more abundant Omega 6 fatty acids in human diets to determine how they can be used to control cancer growth and potentially make colon cancer therapies more effective. Qian also received a \$100,000 ResearchND grant for his work, and a grant from the Sanford Health NDSU Collaborative Seed Grant program.

In other cancer research, Sanku Mallik, professor of pharmaceutical sciences and D.K. Srivastava, a James A. Meier Professor of chemistry and biochemistry, lead the Center for Diagnostic and Therapeutic



*Dr. Sanku Mallik in pharmaceutical sciences at NDSU serves as co-leader of the Center for Diagnostic and Therapeutic Strategies in Pancreatic Cancer. A competitive grant of up to \$9.62 million from NIH funds the first disease-specific research center at NDSU.*





A \$3.7 million competitive grant from NIH and other awards fund the research of Dr. Kristine Steffen, who leads a team of researchers from seven institutions studying bariatric surgery and its outcomes.

Strategies in Pancreatic Cancer. Funded by a Center for Biomedical Research Excellence (COBRE) grant of up to \$9.62 million from the National Institutes of Health, it is the first disease-specific research center at NDSU. The Center conducts fundamental research with a focus on diagnostic and therapeutic tools for controlling the onset and proliferation of pancreatic cancer.

In additional research in the NDSU School of Pharmacy, some patients who undergo weight loss surgery to combat obesity don't lose the pounds they expect or they gain weight back. Kristine Steffen, associate professor of pharmaceutical sciences, serves as co-leader of a team that includes researchers from Cleveland Clinic, Brown University, University of North Carolina at Chapel Hill, Kent State, Sanford Neuropsychiatric Research Institute and Sanford Eating Disorders and Weight Management Center.

The team's research is funded by a \$3.7 million, five-year grant award from NIH to examine how biological and behavioral factors interact in determining the success of bariatric surgery.

"Data and analysis from the study will be instrumental in moving toward individualized medicine in caring for patients with obesity that seek bariatric surgery," said Steffen, who also received a Sanford Health NDSU Collaborative Seed Grant for research.

## Identifying potential new treatments

In the lab of Stefan Vetter, research assistant professor, there is a different research focus. A small protein that is part of the human body's immune system is released by white blood cells as part of inflammation, and binds metals to help keep them away from invading organisms.

Dr. Vetter developed a variant of a human protein with antimicrobial properties that could lead to novel treatments for skin infections and expand the range of topical antimicrobials available. He received a NDSU Development Foundation grant.

In the lab of Estelle Leclerc, associate professor, research involves pancreatic cancer. The research underway seeks to help better understand how certain characteristics and structures of cancer cells contribute to the development of tumors. These structures may conceivably become targets of drugs and other therapies. Leclerc received \$232,725 in NIH funding.

In the lab of Professor Stephen O'Rourke who also has received NIH funding of \$435,000, the team seeks to increase understanding of the cellular mechanisms underlying local control of blood vessel diameter. The group researches the role of potassium channels and endothelium-derived vasoactive factors in modulating vasomotor tone.

How to regulate blood pressure and identify novel targets to treat hypertension and other cardiovascular diseases occurs in the lab of Associate Professor Chengwen Sun, while in another lab, Assistant Professor Yagna Jarajapu investigates bone marrow-derived cells for vascular repair in diabetes. He also received \$308,000 from the American Heart Association to study vascular complications in diabetic patients.

Assistant Professor Venkatachalem Sathish studies asthma, COPD and pulmonary hypertension. Asthma occurs more frequently and more severely in pre-menopausal women and in aging men, suggesting it is impacted by testosterone and estrogen. He focuses on how and why the hormones influence the asthmatic airway—the first step to later develop novel therapeutics. His research is supported by more than \$2.6 million in competitive grants from NIH and other agencies.

## Maybe not Spider Man but spider medicine

In the lab of Assistant Professor Amanda Brooks, golden orb weaving spiders do their job. Brooks and her team of students focus on finding innovative ways to deliver drugs to targeted locations in the body. The spiders are used in engineering spider silk to carry antibiotics to specific areas. The lab also focuses on chronic bone infections in military veterans.

Using 3-D printing and patent-pending technology, the research team investigates combining spider silk with other materials to give it new properties. Possibilities for future applications include "smart" compression bandages that self-adjust to wound



needs and 3-D encapsulated cells to model chronic bone infection for new drug development.

Dr. Brooks received a Phase 1 Venture Grant from the North Dakota Department of Commerce, an NDSU Foundation Centennial Endowment grant, a Sanford Health NDSU Collaborative Seed Grant, as well as NIH funding for her research.

Brooks and Dr. Sanku Mallik also received a \$251,750 grant from the National Science Foundation. The major competitive award covers an ultrasound imaging system to help researchers explore the structure and interactions of cell and tissue cultures.

For those such as graduate student Matthew Confeld, the opportunity to work in labs in NDSU's School of Pharmacy helps forge a future career path. "I decided to pursue a dual degree Ph.D. and Pharm.D., so that I can work on the forefront of drug research and implementation," said Confeld, who is interested in biotechnology or developing trials for new drugs in the pharmaceutical industry.

Second-year pharmacy student Arianna Vidger found that the details and complexity of Sudro lab research provided tools to apply in her future career. "There are starts and stops, problems to be solved, mistakes that must be corrected, and time-consuming processes that may or may not give the expected results," said Vidger. She plans to become a hospital pharmacist.

"In many instances, our faculty compete nationally for research funding," said Charles D. Peterson, dean of the School of Pharmacy at NDSU. "Their success illustrates the caliber of research underway which provides additional opportunities for students."



*Research in the lab of Dr. Amanda Brooks in pharmaceutical sciences at NDSU includes patent-pending technologies to potentially develop smart compression bandages and drug delivery systems for chronic bone infections, especially those experienced by military veterans.*



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# 2017 Pharmacy-Related Legislation Grid

The 2017 Legislative Session upon us!

What does advocating for one's profession really mean to you? From Latin "advocare" means "to call to one's aid." In my opinion, pharmacists from around this country, regardless of practice setting, are starting to hear the call loud and clear. They are advocating for their profession and the patients they serve with persistence, dedication, tenacity and a "never give up" spirit. I cannot thank all of you enough!

As all of us continue to provide advocacy and education, don't forget to practice the three "A's of Advocacy." (1) Awareness – Make sure your family, friends, patients, colleagues, public officials/legislators, etc. are aware of the issues! (2) Advancement – By getting involved and speaking up, you can help advance a movement, cause or have an effect on a policy or legislative change! (3) Action – Make contacts, write letters, call, email or visit with elected officials, support a movement, support an organization... take some kind of action!

You may hate politics and policymaking, but you cannot ignore the consequences of either one. As all of you know, decisions are made by those who show up and speak up. JFK once said, "There are costs and risks associated with action, but they are far less than the costs and risks associated with comfortable inaction." That statement is so true!

Wishing all of you the very best,

*Mike Schwab*

EVP NDPhA

## North Dakota Legislature

Updated: 1-23-17

BILL	DESCRIPTION	HOUSE COMM	HOUSE HEARING	COMM ACTION	HOUSE ACTION	SENATE COMM	SENATE HEARING	COMM ACTION	SENATE ACTION
HB 1032	Related to Medicaid Expansion move from Commercial Rates to Standard Medicaid Rates and removes sunset	Appropriations	01-19-17 2:30						
HB 1033	Related to Medicaid Expansion - Cost Sharing and removes sunset	Appropriations	01-19-17 2:45						
HB 1034	Related to Medicaid Expansion and more contracting disclosure to the Department and removes sunset	Appropriations	01-19-17 3:00						
HB 1072	Related to Medicaid Expansion - Contracting language and disclosure	Appropriations	Jan 9-13 All Week as it is tied to a larger bill						



BILL	DESCRIPTION	HOUSE COMM	HOUSE HEARING	COMM ACTION	HOUSE ACTION	SENATE COMM	SENATE HEARING	COMM ACTION	SENATE ACTION
HB 1120	Prior Authorization changes at the Request of DHS	Human Services	01-11-17 11:00	Do Pass Amended 12-2					
HB 1112	Related to Licensing and Insurance Producers at the request of the Insurance Commissioner	Industry, Business and Labor (IBL)	01-10-17 8:00	Do Pass 14-0	Do Pass 91-0				
HB 1259	Related to Medicaid Expansion – removes sunset clause	Human Services	01-17-17 2:00						
HB 1403	Related to Audit of PBM by NDPERS	Industry, Business and Labor (IBL)	1-24-17 9:00						
HB 1406	Related to NDPERS Contract length – 2 years	Industry, Business and Labor	01-25-17 9:00						
HB 1407	Related to NDPERS Contract Length – 2 years	Industry, Business and Labor	01-25-17 9:00						
SB 2096	Related to the Scheduling of Controlled Substance	Judiciary	1-04-17 1:00	Do Pass 6-0	Do Pass 46-0				
SB 2099	Related to the Immunization Program at the request of DHS	Human Services	1-09-17 8:30	Do Pass 6-1	Do Pass 46-0				
SB 2215	Related to Hospital Discharge Policies	Human Services	01-24-17 9:00						
SB 2256	Related to the Regulations of Naturopaths	Human Services							
SB 2258	Related to pharmacy claims fees and pharmacy rights	Industry, Business and Labor (IBL)	01-31-17 10:30						
SB 2301	Specialty pharmacy services and patient access to drugs	Human Services	01-31-17 9:30						
SB 2320	Related to a syringe exchange program	Human Services							



### Legislative Session began Tuesday, January 3rd

I know most of you are seasoned veterans at this process but I figured I would include the following link.

**How a Bill Becomes a Law:** <http://www.legis.nd.gov/files/resource/miscellaneous/bill-law.pdf>

The **Legislative Council website** has been re-done and it is very easy to navigate. You will find the **homepage** at: <http://www.legis.nd.gov/>.

#### More bills and details will be added moving forward.

If you don't know who your Legislators are, or you want to help someone else find out who their Legislators are, there is a nifty "**Legislator Locator**" which you can find at: <https://www.legis.nd.gov/lcn/assembly/constituentViews/public/findmylegislator.htm>. You will need only your address and zip code. Pretty slick!

#### \*\*TO SEE THE STATUS OF A BILL OR THE BILL LANGUAGE INSERT THE BILL NUMBER:

<http://www.legis.nd.gov/assembly/65-2017/bill-inquiry>

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Additional details on the agenda and registration will be coming in the next few weeks. For now, mark your calendar for **February 17-19** and join us to learn, connect and be inspired with your colleagues from across the Midwest!



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