President’s Message: February 2020

2020 Annual Assembly
Spring is right around the corner, which means that it’s time to mark your calendars and be sure to attend the 59th New York State Council of Health System Pharmacists Annual Assembly. This year’s program, entitled "Engage, Lead, Advocate," will be held in beautiful Saratoga Springs at the Saratoga Hilton and City Center, April 23 through April 26.

Our keynote this year will be Christopher Jerry, Founder, President and CEO of the Emily Jerry Foundation. Christopher lost his beautiful two-year-old daughter, Emily, after a fatal medication error in March of 2006. Following this tragic loss, he created the Emily Jerry Foundation, to increase awareness of key patient safety related issues associated with preventable medical error.

He has collaborated with many experts in the healthcare field to focus on the modification of underlying core systems, processes, and protocols, to help keep patients safe and assure the best possible outcome for each and every patient. He is a patient advocate and a clinician advocate. He has partnered with the American Society of Health-System Pharmacists to create the National Pharmacy Technician Initiative and Scorecards for each state. Through this initiative, he strives to increase the flow of information to the general public and to our lawmakers regarding pharmacy technician training and competency. With the technician licensure/certification law being signed, it will be exciting to engage Christopher in further discussions around this topic throughout the weekend.

Other highlights of the Assembly include a fantastic line-up of educational programming, including clinical and administrative tracks, networking opportunities, the Residency Research and Practice Forum, our 3rd Student Clinical Competition which will be CE accredited this year, our 2nd Student Workshop, and the Poster session – just to name a few highlights. Be sure not to miss the Apothecary Mixer and the Awards and Installation Banquet.

For those who have attended in the past you are well aware of what a fantastic program this is year after year. For those who have not attended, you must surely do so and bring a friend or a colleague! Registration is now open.

Strategic Plan
During the last quarter of 2019, the NYSCHP Board of Directors along with some Past Presidents participated in a Strategic Planning and Leadership session where a 3-year Step Progression Plan was developed. A special thank you to Brian Buff, Vice President, Association Management at CHMS in being the facilitator.

Our major focus for early 2020 will be forming two essential groups. Our first is the Governance focus group which will evaluate our current structure and mode of operation. They will offer recommendations to the Board of Directors to ensure future success of the organization. Joe Pinto, Past President of NYSCHP will preside as Chair.

The second will be the strategic planning committee that will continually review the approved Strategic Plan for 2020-22, set deadlines for deliverables, and provide guidance and support to the designated responsible parties listed in the plan. Karen Falk, Past President of NYSCHP and Leila Tibi-Scherf, Vice President, Division of Pharmacy Practice at Acurity, will Co-Chair. We are currently seeking the involvement of volunteers who have served as Chapter Presidents or Council leaders as they can bring additional perspective and history to the review of the Strategic Plan.

Heide Christensen, MS, RPh
President-Elect, NYSCHP
Lisa Voigt, PharmD, BCPS, BCCCP
President, NYSCHP

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My work as a Pharmacist

I believe I’m one of the relatively few practicing pharmacists that can say I’ve never been employed by a community pharmacy. As a born and bred Buffalonian, I attended the University of Buffalo School of Pharmacy and Pharmaceutical Sciences. I was lucky enough to fall into an internship at the Sisters of Charity Hospital after my P1 year; over the next 3 years Beth Ann Holdsworth and the rest of the pharmacists and techs at SOC gave me an invaluable experience that helped stoke my interests in critical care, infectious disease and emergency medicine. My internship, as well as my APPE rotations, taught me how to be a high quality practitioner, the value of mentorship, the importance of proper communication, humility, and most importantly, confidence in myself.

While I considered pursuing a post-graduate residency, I was lucky enough to have received a job offer from the University of Rochester Medical Center to join their team as a Clinical Staff Pharmacist. During my 8 year tenure at the URMC, I worked in a wide variety of areas, including internal medicine, a variety of ICUs, pediatrics and emergency medicine. I earned my Board Certification as soon as I could to overcome the fact that I did not complete a post-graduate residency. I also participated in a variety of department and hospital wide committees, which proved to be a great avenue to expand my knowledge and make important contacts. I must thank some of the URMC pharmacy directors, including Curtis Haas, Dave Webster, Lisa Nelson and Libby Dodds-Ashley for their years of mentorship, friendship and support of all of my endeavors. The value of having superiors who truly support and develop their staff is unmeasurable; I’m proud to be a product of the URMC where from top to bottom they do things “right.”

It is also at the URMC where I became involved in precepting trainees of all levels. Like most pharmacists, I can easily recall great preceptors who invested time and energy into my training; I felt that it is only proper that I “pay it forward” to the next generation of trainees. I’ve learned over the years that the value of any rotation lies not in the site, but with the investment of the preceptor. As such, I strived to give all trainees who came through my rotation a memorable experience that would not only prepare them to become strong practitioners, but inspire them to become quality preceptors in the future.

In 2014 I was lucky enough to have been hired as Assistant Director of Experiential Education at the Wegmans School of Pharmacy at St. John Fisher College. In this role, I’m able to take my passion for clinical practice and precepting straight to students in a high quality PharmD curriculum. I see it as my responsibility to get our students ready to succeed on rotations, as well as in “real life.” I’m tremendously proud of our students who consistently prove to be some of the strongest in the state through any metric. I’m also fortunate to have rights to practice and precept at multiple local hospitals and have continued to strengthen relationships between our school and our community partners. I also enjoy coordinating some of our Interprofessional Education events with our on-campus Wegmans School of Nursing, as well as other professional schools in the Rochester area.

The best piece of advice I can give to new practitioners is to surround yourself with good, intelligent people. If they are intelligent, you will become stronger. If they are good, you will enjoy the process.

Journey to becoming Director of Chapter Services

Though I have been a member of NYSCHP since I was a P2 at UB SoPPS, I didn’t get actively involved in the Council until 2009 when I was asked to take over as Membership Chair of the Rochester Chapter. This allowed me to make more contacts in the Rochester area, as well as expose me to the state-wide Membership Committee. There, I was able to express my ideas to try to optimize the Council experience for the members I represented. I was happy to have been asked to chair the Membership Committee by Bill Prescott in 2016. Through his mentorship I was able to learn some of the inner-workings of the Council as well as complete several state-wide initiatives. I also started attending the Annual Assembly regularly, which is something that I recommend to all members. When the position was vacated in 2018, I was honored to have been asked by new NYSCHP President Anthony Longo to become the Interim Director of Chapter Services and was happy to become officially elected in 2019. It continues to be my goal to optimize the value/experience that members of NYSCHP receive.

Value of NYSCHP

One of my favorite quotes is to “never be the smartest person in the room.” Indeed, surrounding yourself with individuals who have more/different experiences than you will ultimately lead you to grow as a practitioner and as a person. NYSCHP is an ideal forum for this, as I am constantly learning from my colleagues who have more and/or different experiences and strengths than I do. Having been heavily involved with NYSCHP for over 10 years, I can speak to the growth we have had as an organization over the past 3-5 years. It has never been more important to advocate for our rights as practitioners in this state; the growth of our membership base, our Annual Assembly, our local and state-wide advocacy efforts and our education offerings show that NYSCHP has never been stronger or better positioned to advocate for health-system pharmacists and technicians in New York State.

Fun Facts about Me

• Life is better when you’re laughing. I try to find fun and humor in everything. This is also why I am the self-proclaimed “Supreme Chancellor and Czar” of the ad-hoc Fun Committee at my school
• I have played hockey since I was 3 years old and continue to play weekly. Though I appreciate I most likely will never make “the show” at this stage of my life, I still continue to play defense just in case someone important is watching.
• I am an avid fan of rock music and play guitar in a hard rock cover band called “Tire Fire”, as well as drums in an all St. John Fisher faculty band called “Big Tuna and the Fishermen”
• I am (sadly) a fan of the Buffalo Sabres and Bills and will raise my children in the same fashion just so I can have others to commiserate repeatedly average sports seasons with
Path to Becoming a New Practitioner
I realized I wanted to be a pharmacist much later in life than most students. I had already completed a Bachelor’s degree in Biology and was half way through my Master’s degree in Chemistry before trying to decide what path I wanted to take next. I knew I wanted to work in the medical field and quite honestly, was pretty set on applying to medical school. Before applying, I decided to shadow a few healthcare professionals, one of which included my hometown pharmacist who owns an independent pharmacy. After the first day shadowing him, I was hooked. He knew all of his customers personally, was out in the aisles counseling on medications, was giving vaccines, and many other clinical tasks I didn’t know at the time pharmacists could take part in.

Fast forward one year, I completed my Master’s in chemistry and was accepted to Thomas Jefferson University for their PharmD program. During my time at Jefferson, I found my love for ambulatory care while completing rotations. I was also heavily involved in student organizations, eventually finding my “professional home” within ASHP. I was our local chapter’s President, served on the regional level, and ultimately ended up chairing the national ASHP Pharmacy Student Forum.

From there, I went on to complete a PGY-1 Pharmacy Residency at SUNY Upstate University Hospital. My love for ambulatory care continued to foster during my time as a resident and I eventually ended up completing a PGY-2 in Ambulatory Care at Upstate as well. During my time as a PGY-2 ambulatory care resident, I had the opportunity to develop a pilot program in our rheumatology clinic. At that time, specialty pharmacy was booming and in the process of being developed at our institution. Additionally, there was no clinical pharmacist involvement in rheumatology at Upstate so the pilot program was ideal timing. After providing clinical pharmacy services to the rheumatology clinic for eight weeks during the pilot, I was offered the position to stay on full time. It was such a wonderful opportunity to create my own practice during residency and I was lucky enough to stay on at Upstate in that capacity.

Current career role
As stated above, I am a clinical pharmacist embedded in the rheumatology clinic at Upstate. This clinic serves patients with disease states such as rheumatoid arthritis, psoriasis, psoriatic arthritis, lupus, gout and much more. My pharmacy services are provided on a consult-driven model, however, I will see patients directly for in-office education when patients are starting new specialty medications. While much of what I do is clinical in nature, I work collaboratively with our outpatient specialty pharmacy team to offer services to our patients. Having an outpatient specialty pharmacy team and a clinical pharmacist that is embedded in clinic allows for comprehensive, high level of care for our patients on specialty medications. In addition to rheumatology clinic activities, I am also an active participant in education at our primary care, adult medicine clinic which trains pharmacy residents, medical residents, and students. Additionally, I am actively involved in multiple research projects, which is another passion of mine.

Value of NYSCHP
As stated earlier, maintaining involvement in professional organizations such as NYSCHP allows me to network, stay current, and give back to the profession. I have met wonderful people through this organization and am looking forward to maintaining active involvement over the years. The next phase of my career is quickly approaching as I move from “new practitioner” to a “seasoned practitioner” so I look forward to the exciting opportunities that lie ahead within the organization.

Advice for New Practitioners
Find your professional home! I think one of the main things that has kept me not only current, but also passionate about pharmacy since graduating is maintaining involvement in ASHP. I have served on the national level on the New Practitioner’s Forum Career Development Advisory Group since graduation, am currently on the board of our regional chapter (Secretary), and am on the New Practitioner Committee for our state chapter. This allows me the opportunity to expand my professional network, stay well-informed on hot pharmacy topics, and to give back to the profession.

My next piece of advice would be to find the best ways to stay current in your area of practice. For me, rheumatology is not an area that I had a ton of exposure to during pharmacy school, or even during residency. Therefore, it was up to me to develop a sound foundational knowledge to become an adequate resource for my providers. I joined the accrediting body for the rheumatologic disease states that we treat (American College of Rheumatology) and took advantage of their free CEs, will be attending their live annual meetings, and receive their daily newsletter. Further, I have signed up to receive the table of contents for certain rheumatologic journals. Lastly, I attend our institution’s rheumatology grand rounds every week. This has worked well for me during my first year of practice and I will continue to strive to stay abreast of drugs in the pipeline and literature that pertains to my area of practice.

Fun Facts
I just got married in August and my husband and I just closed on our new home. It is a super busy but a super exciting time for both of us. I love to cook, shop, and eat really good food in my spare time! I also used to be a pretty avid runner and have completed multiple marathons and even an ultra! However, due to injuries I have not been able to run as many miles but have switched to a new love of mine—weight lifting.
Why I Do What I Do

What first made me want to pursue a career in pharmacy was my general love for the medical field. I was a high school teacher before I decided to change my career. In 2006, I started working at a pharmacy that provided medications for several nursing homes. I worked as a clerk that processed paperwork and restocked the medication shelves. After a few months I was offered a different position, I was very eager for this opportunity because I would be able to learn new things. I started to type and fill prescriptions as well as communicate with nurses to ensure that patients received their medication in a timely manner. I enjoyed my work because at the end of each day I was helping someone feel better. While studying the material to take the pharmacy technician certification exam, I learned about hospital pharmacy.

So when I moved to New York I found a job in a hospital. Since working as a hospital pharmacy technician, I have learned so much more. Every day is a rewarding new experience and I am helping patients.

Latest Accomplishment

I recently underwent training to prepare chemotherapy and infusion center specialty medications. I really feel like I am helping these very ill patients, by being able to assist the infusion pharmacists at my hospital. On days where I am assigned to different areas and have different responsibilities, I always like to help out. If there is any need in the department, I don't mind jumping in to expedite the medication preparation and delivery process, to help out the pharmacist, or other technicians. Patient care is a team effort and I am very happy to continually learn and assist others with my new responsibilities.

Most Memorable Experience as a Pharmacy Technician

I have many memorable moments working as a pharmacy technician. The moment that stands out the most for me was when I was able to help an elderly patient get her prescription from her doctor. She had been trying to get it for days, and she was not successful. I called the physician's office so that they would refill the prescription for her. She called and thanked me personally for helping her.

Why I Became Certified

I chose to become certified so that I could be as knowledgeable as possible to do my job most efficiently.

Advice to Up-and-Coming Technicians

My advice to new technicians is to ask questions when you are unsure. Patient safety comes first and if you are unsure of something always ask your pharmacists or colleagues.

My Passion Outside of Work

Outside of work my passion is reading and hanging out with my family.
Electronic cigarettes, or e-cigarettes, are devices that produce an aerosol by heating a liquid that contains a drug (most notably, nicotine), flavorings, and other chemical additives. They are referred to by several different names including, “e-cigs”, “vapes”, “tanks”, “mods”, or “electronic nicotine delivery systems (ENDS)”. The use of these devices is commonly known as “vaping.” There are four main components to their anatomy: the battery which powers the device, the atomizer which vaporizes the liquid, the cartridge that stores the liquid, and the mouthpiece which allows the user to inhale. E-cigarettes have undergone an evolution in their development with 4 generations of devices. Each generation has unique features with some having the ability to be recharged or use refillable cartridges. Overall, they are versatile products that come in many different shapes, sizes, colors, and flavors. Unfortunately, many of these features have attracted many adolescents and young adults. In the United States, e-cigarettes have become the most commonly used tobacco product among youth, with over 10.5% of middle and 27.5% of high school students reportedly using these products in 2019.1

Health concerns associated with e-cigarette use and vaping

As mentioned, there has been an alarming increase in the use of e-cigarette products among youth. Most e-cigarette products contain nicotine, a highly addictive drug that is found in traditional cigarettes and tobacco products. A major concern for youth usage of e-cigarettes is the increased potential for addiction, especially as brain development continues until the age of 25. Even more concerning is the increased potential for youth who use nicotine products to also become addicted to illicit drugs and engage in high-risk behaviors. There have also been reports of accidental injuries caused by fires and explosions from defective batteries. One special population to keep in mind is pregnant women. Nicotine is toxic to developing fetuses so e-cigarettes should never be used by pregnant women. Furthermore, the heating of the chemicals that produce the aerosol can lead to the formation of harmful byproducts and chemicals that are able to reach deep into the lungs which can lead to lung damage.1 The most notable respiratory disease to be linked to e-cigarette use is EVALI, which we will discuss in further detail. Unfortunately, we have just scratched the surface on the short-term consequences of these agents. The long-term consequences are still unknown and research is ongoing.

Clinical presentation of EVALI

The first cases of EVALI, or E-cigarette or Vaping product use Associated Lung Injury, was first reported to the Centers for Disease Control and Prevention (CDC) in August 2019. Cases of EVALI rapidly increased with data suggesting the outbreak peaked in September 2019. However, new cases continue to be reported and continue to be associated with significant mortality. As of January 21, 2020, the CDC reported 2,711 cases, with 60 confirmed deaths across all 50 states, the District of Columbia, and two U.S. territories (Puerto Rico and U.S. Virgin Islands). A majority of these cases involve patients younger than 35 years of age, with a median age of 24 years. Of note, 66% of all patients are male.2 Symptoms develop gradually over days to weeks. A variety of symptoms have been reported including respiratory (cough, chest pain, shortness of breath), gastrointestinal (abdominal pain, nausea, vomiting, diarrhea), and constitutional (fevers, chills, weight loss) symptoms. Characteristic radiologic findings include basilar-predominant consolidation and ground-glass opacity. Most importantly, EVALI is a diagnosis of exclusion. No specific markers or tests currently exist for its diagnosis.3,4

Patient management and treatment

Unfortunately, no disease-specific treatment options exist. Currently, the mainstay of therapy is supportive care. Published case reports have described clinical improvement with the use of corticosteroids and varying dosing regimens have been reported.5,7 As EVALI is a diagnosis of exclusion, it may be necessary to initiate empiric antibiotics or antivirals if considering pneumonia, influenza, or other infectious etiologies.

Risk factors for poor outcomes

EVALI should be included in the differential for any individual who currently uses or has used an e-cigarette within 90 days of presentation.8 Patients at higher risk include those older than 50 years of age and those with a history of heart disease, respiratory conditions, diabetes, or other chronic diseases.9 Of note, there have been reports of increased rehospitalizations and deaths within two days post-discharge.10

Message from the House of Delegates Chair

According to NYSCHP bylaws, the House of Delegates (HOD) is vested with the authority to set professional policies for the NYSCHP. The HOD consists of delegates from each of the nine chapters, past presidents of the NYSCHP, and the current NYSCHP Board of Directors. On April 23rd, the 48th meeting of the NYSCHP HOD will discuss and vote on changes to the NYSCHP constitution and bylaws, consider for adoption new and revised position statements, and hear and approve reports from the Board of Directors and outgoing President, Lisa Voigt. All who participate in the HOD are expected to prepare for the meeting by reviewing the mailings, discussing the HOD information within their chapters prior to the meeting, attending the Open Hearings (via conference call on April 2nd and in person prior to the HOD on April 23rd), and, most importantly, participating in the HOD meeting from 12:30-4:00 PM in Saratoga, NY on April 23rd. The full HOD timeline with dates and times is available on the NYSCHP website. In addition, a webinar is being planned to review Roberts Rules of Order and answer any questions about the HOD process with delegates prior to the meeting. Some of the important decisions that will be addressed at the 2020 HOD include changes in the dues policy and addition of pharmacy technicians to future meetings of the HOD. The NYSCHP HOD always provides interesting and compelling discussions about the future of health-system pharmacy practice in New York State and I look forward to hearing the excitement that the chapter delegates, past presidents and board of directors will be bringing to Saratoga this year.

Liz Shlom, PharmD, BCPs

Updates on E-Cigarettes and Associated Lung Injury

By Teresa Regis, PharmD, Pharmacist, Northern Westchester Hospital and Elsen Jacob, PharmD, BCPs, BCGP, CPPS, Assistant Professor, St. John’s University College of Pharmacy & Health Sciences
Products implicated in EVALI

The CDC has reported that a majority of hospitalized patients with EVALI (82%) have reported use of e-cigarette products containing tetrahydrocannabinol (THC), with one-third of those patients reporting exclusive THC-containing product use. A majority of these patients (78%) reported acquiring their THC-containing products from informal sources (family, friends, dealers, online) versus 16% of patients who reported acquiring their products only from commercial sources (dispensaries, vape shops). The most commonly reported THC-containing branded products are a class of counterfeit devices, known as “ Dank Vapes.” However, more than 152 different THC-containing products have been reported, making it improbable that a particular brand is responsible for the outbreak.  

Suspected chemical cause

No infectious cause has been implicated in EVALI so the suspected cause is that of a chemical exposure. It has been suggested that vitamin E acetate, which is used as a thickening agent and first appeared in the illicit market late 2018/early 2019, may be a key culprit. The introduction of this additive and its growing popularity in 2019 coincides with the start of the EVALI outbreak in August 2019. The CDC in partnership with the Food and Drug Administration (FDA) and local health departments started testing for toxicants in bronchoalveolar-lavage (BAL) fluid samples obtained from patients with EVALI. Out of the 29 BAL fluid samples obtained from patients with EVALI in 10 states, all 29 samples were positive for vitamin E. More recently, a new study published by the New England Journal of Medicine (NEJM) in December 2019, analyzed BAL fluid samples from 51 patients with EVALI in 16 states as well as 99 healthy patients. BAL fluid samples tested positive for vitamin E acetate in 48 out of the 51 EVALI patients (94%), but no vitamin E was detected in the samples from the healthy comparator group. This study further strengthened the findings from the initial CDC report and has implicated vitamin E acetate as the main chemical of concern in the outbreak. Of note, research is still ongoing so no definitive causative agent has been firmly established.

There are a couple of theories behind the mechanism by which vitamin E acetate could cause lung injury. One potential harmful mechanism is the lipid structure of vitamin E acetate has the ability to penetrate lung surfactant thereby causing the surfactant to lose its ability to maintain the surface tension necessary to support respiration. Another potential mechanism is heating vitamin E acetate may lead to the removal of the acetate group thereby producing ketene, a reactive compound and potential lung irritant.

E-Cigarette cessation

There is limited guidance on e-cigarette cessation, especially for youth users. Organizations such as the Truth Initiative, in collaboration with Mayo Clinic have created digital programs such as This is Quitting and BecomeAnEx that have allowed users to create quit plans, receive guidance and engage with former e-cigarette users for support. There is currently no medication therapy that has been approved or recommended for e-cigarette cessation.

Legislative updates

The 2016 FDA Deeming Rule had extended the FDA’s regulatory authority over electronic nicotine delivery systems (ENDS) e-liquid, and several other tobacco products. This was a major regulatory advancement and an important measure to better regulate the sale of e-cigarettes. The latest regulatory victory was the December 20th, 2019, amendment to the Federal Food, Drug and Cosmetic Act that raised the Federal minimum age of sale of tobacco products. This was a major regulatory advancement and an important measure to better regulate the sale of tobacco products from 18 to 21 years. As such, it is now illegal for a retailer to sell tobacco products, including e-cigarettes, to anyone under the age of 21 years.

Role of pharmacists

Pharmacists are positioned well to play a major role in advocating for, and educating the public about the potential harms of e-cigarettes. The following are some recommendations: (1) stay up to date with literature on e-cigarettes and emerging cessation strategies, (2) serve as an information source on e-cigarette cessation for patients and other healthcare professionals, (3) when patients seek guidance for remedies for respiratory or gastrointestinal symptoms, and e-cigarettes use is confirmed, recommend prompt evaluation by a physician to rule out EVALI, (4) formally report adverse effects related to e-cigarettes using the safety reporting portal of the Department of Health and Human Services: https://www.safetyreporting.hhs.gov/ (5) advocate for legislation to further restrict e-cigarettes, especially youth access.

References:

NYSCHP Congratulates William Prescott

NYSCHP would like to congratulate William A. Prescott, Jr., PharmD, for being appointed as Chair of the Department of Pharmacy Practice at the University at Buffalo School of Pharmacy and Pharmaceutical Sciences.

Please visit this link for more information.

Congratulations New Delegates!

The Council would like to congratulate the following members on their election as delegates to the 2020 ASHP House of Delegates:

- Karen Berger, PharmD, FCCM, BCPS, BCCCP
- Elizabeth Shlom, PharmD, BCPS
- Frank Sosnowski, PharmBS, MS

They will be joining President-elect Heide Christensen and incoming President-elect Ruth Cassidy to complete the New York Delegation.

NYSCHP Upcoming Live Webinars!

NYSCHP is excited to continue our monthly webinar series.

You will have the opportunity to earn 0.1 CEU for each of the webinars listed below.

**Emerging Trends in Value-Based Care and the Pharmacist’s Role**

**Wednesday, February 26 at 12 PM**

Ruchi Tiwari, PharmD, MS
Director of Pharmacy, Population Health
Mount Sinai Health Partners

**Objectives for pharmacists and technicians:**
- Define value-based care
- Describe the role of a pharmacist and technician in a value-based care environment
- Identify emerging trends in value-based care that are geared towards provider organizations

[Register here](#)

**Update on ISMP Targeted Medication Safety Best Practices for 2020-2021**

**Tuesday, March 24 at 12 PM**

Michael R. Cohen, RPh, MS, ScD (hon.), DPS (hon.), FASHP
President, Institute for Safe Medication Practices (ISMP)

**Objectives for pharmacists and technicians:**
- Identify serious medication errors that the Targeted Medication Safety Best Practices are designed to prevent
- List successful strategies hospitals have used to successfully implement the ISMP Targeted Medication Safety Best Practices for Hospitals
- Cite at least three evidence-based arguments that can be used to overcome implementation barriers to the ISMP Targeted Medication Safety Best Practices for Hospitals

[Register here](#)

We hope you join us! Please contact office@nyschp.org with any questions you might have.

Please contact Karen Berger, NYSCHP Director of Education and Professional Development (karenberger7@gmail.com), with suggested topics for future webinars or educational programs.

To view past webinars, please click [here](#).
Registration is Open!
New York State Council of Health-system Pharmacists
59th Annual Assembly!

April 23-26, 2020
The Saratoga Hilton and City Center
Saratoga Springs, NY

Register on-line at www.nyschp.org

230 Washington Avenue Ext. Suite 101
Albany, NY 12203
P: (518) 456-8819  Email: office@nyschp.org
Website: www.nyschp.org

Join NYCSHP Cycle for Survival's Team

Date: March 7
Time: 10:00am - 2:00pm
Location: Equinox East 61st Street

Join or donate here

Join the NYCSHP Team for our 3rd participation in Cycle for Survival on March 7th, 2020

If you can't make it, consider donating for a great cause. 100% of every dollar raised goes directly to rare cancer research led by Memorial Sloan Kettering. Help us surpass our goal of $6500!

For more information contact: Josh Rickard, PharmD, BCPS, BCACP, CDE
josh.rickard90@gmail.com
Selling Raffles to fundraise for Cycle for Survival!

Top prizes are $50 cash and NYCSHP Installation Dinner ticket!

Join or donate at http://mskcc.convio.net/goto/NYCSHP

100% of every dollar raised goes directly to rare cancer research led by Memorial Sloan Kettering. Help us reach our goal of $6500! Drawing is on March 5.

For raffles contact: Josh Rickard, josh.rickard90@gmail.com

#JoinTheBattle #NYCSHP #Cycle4survival #MSK

WNYSHP President Emma Studlack cordially invites you to attend

The Pharmacy Director’s Forum 2020

Tuesday, March 17, 2020
1 – 4 PM
University at Buffalo School of Pharmacy and Pharmaceutical Sciences
Pharmacy Building; Room 264
Buffalo, New York 14214
(Parking tags will be provided)

Please join us for this important program designed to facilitate networking, elicit feedback, and address the special educational needs of pharmacy management professionals practicing in the health-system environments

Program Agenda:
1:00 - 1:15 pm - Registration and light refreshments
1:15 - 4:00 pm - Presentations and open discussion
What Pharmacy Issues Keep You Up at Night?
Open Forum - discussion topics to be determined by Moderators & Group*

Moderators / WNYSHP Past Presidents:
Andrew J. DiLuca, RPh, Senior Director of Pharmacy Services, Kaleida Health
Nicole Cieri-Hutcherson, PharmD, BCPS, NCMP, Clinical Assistant Professor, University at Buffalo School of Pharmacy

*If you would like to briefly present a topic or add one to the agenda for discussion, please notify Andrew DiLuca adiluca@kaleidahealth.org

There is no charge to attend this program. It is being made possible through dues paid by the members of WNYSHP. Please help support programs such as this one by becoming a member of WNYSHP and encouraging your staff to do so as well.

Please confirm your reservations no later than March 10 by e-mailing Emma Studlack: gormane@dy.c.edu
The Rochester Area Society of Health-System Pharmacists

3.0 Credit Hour Breakfast Jeopardy! CE Program

Saturday, March 14th, 2020
8:30 am Registration/Breakfast
9:00 am – 12:00 pm Program

Location:
St. John Fisher College
Integrated Science and Health Science Building
Room 117
3690 East Ave
Rochester, NY 14618

Mariah Haley, PharmD
Buprenorphine for Pain Management

Samad Syed, PharmD
Bringing Barbiturates Back: Phenobarbital in Alcohol Withdrawal Syndrome

Tyler Baumeister, PharmD
Prevention and Treatment of Clostridium difficile in hospitalized patients

Ian Murphy, PharmD
Utilization of the New Beta Lactam/Beta Lactamase Inhibitors

Medication Safety/Bugs and Drugs
Shawn Fellows, PharmD

How to Register:
- Please use your PayPal account through our website at www.rashp.org to pay and register for the event. If you have any questions please email McKenna.Murphy@rochesterregional.org. Reservations must be made by Thursday, March 12th, 2019 at 12pm.