

THURSDAY – SEPTEMBER 15th, 2011

ND STATE BOARD OF PHARMACY OFFICE - 1906 E BROADWAY AVE – BISMARCK, ND 58501

CALL 1-800-423-1988 - Under the NAME HOWARD- Conference #1551520

1:00 PM -CALL TO ORDER

Review and approval of agenda

Agenda

Review and Approval of Board Minutes – June 22, 2011

Minute Tab

1:15 - 1:30 PM Roll Call and Orientation of Candidates

Candidate Tab

CE Request – Tana Triepke, PharmD ND License #5019 [file]

Sponsor – NDSU CE

Tab 1

ND Medical Director’s Association Conference

24 hour pharmacist review of all medication orders (Ann Rathke)

Tab 2

Telepharmacy proposal for the NC Human Service Centers-Joan Slusser.

Reinstatement Request: Patterson, Betty – ND RPh #2748 [file]

Request from Steve Rosenfeldt Pharmacy Intern

Tab 3

2:00 PM Discussion by Cardinal Health representatives about their Telepharmacy in

Hospitals service-Tim Larson-Director of Pharmacy Cardinal Remote-Sue Schnase

Applications for a SubClass K - Telepharmacy license: Hillsboro Medical Center Pharmacy

Sanford Medical Center – Mayville

Remodeling: Arrowhead Plaza Drug – Bismarck ND [expansion]

McKenzie County Healthcare Systems Pharmacy – Watford City

Sanford Pharmacy Broadway – Fargo - Sue Schnase

Caraco Pharmaceutical Laboratories, Ltd – ND Wholesale License #293

File

FDA Consent Decree & deficiencies – Change of Ownership

Amit Modgil; consideration of granting an intern license and credit for time served

File

Collaborative Agreement: Doug DeMontigny – Presentation Medical Center Rolla [file]

Discussion: Common Internship & Requirements

North Dakota Board of Pharmacy Newsletter - Mark Hardy, PharmD

2:30 PM Discussion with Emergency Medical Group about drugs on Ambulances – Curt Halmrast, president of NDEMISA, and/or Tim Meyer with FM Ambulance

3:00 PM Nuclear Pharmacy building standards and possible variance – Nathan Fleck **Tab 4**

4:00 PM Mark Pajala- Request for on call pharmacist approval. **Tab 5**

4:15 PM Clarification of Automated Drug Dispensing units in Long Term Care **Tab 6**
Chad Nelson

4:45 PM “Home Infusion Service Proposal”. Shelly Johnsen

THURSDAY - September 15, 2011 Exam Schedule (3 Candidates)

- 1:15 - 1:30 PM Roll Call and Orientation of Candidates
- 1:30 - 3:00 PM Laboratory Section 1
- 3:00 - 3:30 PM Errors and Omissions 1
- 3:30 - 4:00 PM Oral Examination

President Thom called the Meeting to Order at 1:00 PM on Thursday, September 15th, 2011 in the Board of Pharmacy Office Conference Room. Present were Board Members: Rick L. Detwiller, R.Ph. - Gary W. Dewhirst, R.Ph. - Diane M. Halvorson, R.Ph.Tech. - Laurel Haroldson, R.Ph. - Bonnie J Thom, R.Ph. - Gayle D. Ziegler, R.Ph.; also Executive Director Howard C Anderson, Jr, R.Ph. and Assistant Executive Director Mark J. Hardy, PharmD., R.Ph.

Also present were: Compliance Officer Judith Swisher, R.Ph.; Katie Miller, PharmD Student; Joan Slusser, R.Ph.;; Ann Rathke, our Telepharmacy Coordinator at NDSU; Sue Schnase, R.Ph.; Timothy Larson, PharmD, Director of Pharmacy Resources for Cardinal Health and Paul Gau, R.Ph. Representing Cardinal Health; Shelly Johnson, R.Ph.; Rick Boehm, R.Ph. Nathan Fleck, PharmD; Chad Nelson, PharmD, Mark Pajala, R.Ph. and his son Micheal Pajala, LPN; Tim Meyer, FM Ambulance Service and Tom Neary, ND Department of Health; Sherri Furcht, R.Ph.

On the telephone: Dr. Andy McLean, MD, Medical Director ND Department of Human Services and Michael Schwab, Executive Vice President of the North Dakota Pharmacists Association

The three candidates for exam: Nour Ramez Shamas – a Lebanon Graduate; Kimberly A. Swanson – MT Graduate and Matthew T. Ward – MT Graduate

President Thom asked that we go around the room and have each person introduce themselves to the group.

It was moved by Pharmacist Dewhirst and seconded by Pharmacist Detwiller to approve the Agenda as printed. All Board Members voted aye – the motion carried.

It was moved by Pharmacist Haroldson and seconded by Pharmacist Ziegler to approve the minutes of the June 22, 2011 Board Meeting as printed. All Board Members voted aye – the motion carried.

Since Pharmacist Slusser was present and Dr. Andy McLean Medical Director of the Department of Human Services called into the meeting at 1:00 PM, we began with the Agenda item related to the telepharmacy proposal for the North Dakota Human Service Centers. Pharmacist Slusser described the concept of the program. The ND Department of Human Services wishes to extend telepharmacy services, from the State Hospital to all eight of the state's Human Service Centers. This will allow for a pharmacist's review of all medication orders and counseling of patients whenever medications are dispensed from the Human Service Centers. It is envisioned that the South-central Human Service Center will be the first to go live with perhaps the South East Human Service Center coming next. Pharmacist Slusser described the concept with audio/video and computer hook-ups in each of the Human Service Centers, a pharmacist at the State Hospital providing counseling to the patients when appropriate and indicated by the on-sight practitioner. It is anticipated that approximately 30 to 35 nurses will be crossed trained as pharmacy technicians through the North Dakota State College of Science at Wahpeton. These nurses will then serve as pharmacy technicians when it is necessary to repackage or relabel medications under the supervision of the tele-pharmacist. Pharmacist Slusser has provided a handout for review, which is attached to these minutes as an addendum. Executive Director Anderson thanked Dr. McLean for his involvement in this project and his efforts to bring patients in the Human Service Centers the benefit of the pharmacist's involvement in their care.

President Thom called on Ann Rathke, our Telepharmacy Coordinator at NDSU College of

**REPORT TO THE NORTH DAKOTA STATE BOARD OF PHARMACY ON THE NORTH DAKOTA
DEPARTMENT OF HUMAN SERVICES TELEPHARMACY PROJECT**

During the August 17, 2011 Cabinet meeting, DHS administration approved the implementation of a telepharmacy initiative between ND State Hospital and the 8 regional Human Service Centers (HSCs). In a telepharmacy arrangement, licensed pharmacists provide traditional pharmacy services, including drug utilization review, prescription verification, and patient counseling to a remote site via telepharmacy technology. Retaining the active role of the pharmacist helps assure the delivery of safe, high quality pharmacy services that can be at risk when the pharmacist is left out as in the case of internet and mail-order pharmacies.

The role of HSC nurses related to the dispensing of sample and indigent medications and questions related to how that fits within the Nursing licensure scope of practice as well as Pharmacy scope of practice, has been noted by staff to be a concern. In addition, inconsistent practices, processes, and use of the information system as well as missing or inadequate policies have been noted in recent licensure visits.

The HSC would operate as a traditional telepharmacy, with the licensed pharmacy technician at HSC preparing the prescription and a final check being performed by a registered pharmacist at the NDSHP via remote video conferencing. The patient will be given the option of receiving counseling either in person by the prescriber or via video link by the Registered Pharmacist. Sample and indigent medications would be able to be utilized.

The nursing staff at each HSC will be cross trained as licensed pharmacy technician. Contact has been made with the ND Board of Pharmacy and NDSCS to develop methods of accomplishing this aspect of the project. It is estimated between 30 to 35 nurses at the HSC will cross train to become licensed pharmacy technicians.

The NDSH pharmacy has hired another registered pharmacist to aid in the development of this project. This will enable the NDSH allow one registered pharmacist to be dedicated to the telepharmacy HSC services daily to provide the pharmaceutical care required for each patient serviced by the telepharmacy project.

Pharmacy for comments related to telepharmacy services in North Dakota and particularly how they relate to the availability of those services to our hospitals. Ms. Rathke pointed out that we now have the North Dakota Telepharmacy Project, ePharmacy Direct, Altru Health Systems providing telepharmacy services to a couple of their affiliate hospitals in northeast North Dakota, Avera McKenna out of Sioux Falls, SD providing telepharmacy services to McKenzie County Healthcare Systems Pharmacy in Watford City and now the application today from Sanford Health Systems to involve Cardinal Health's Rxe-source Center Pharmacy Resources to provide coverage in their affiliate hospitals. Ms. Rathke pointed out that our long-term vision has been to put the tools in place, through telepharmacy, to allow all of our North Dakota hospitals to take advantage of pharmacists first dose review for every order, except where the practitioner is directly involved with the administration or in direct supervision of that administration. Now that we have the tools in place, we should move forward with a rule to require "Pharmacist first dose review" in our hospitals.

President Thom briefly recessed the Board Meeting to allow the orientation of the three Candidates for today's exam: Nour Ramez Shamas – a Lebanon Graduate; Kimberly A. Swanson – MT Graduate and Matthew T. Ward – MT Graduate. After Orientation, President Thom reconvened the meeting, excusing Pharmacist Dewhirst to begin administration of the individual examinations. Pharmacist Dewhirst returned to the meeting.

President Thom asked Pharmacist Sue Schnase, who is the Director of Out-Patient Services at Sanford Health Systems in Fargo to discuss their request for Subclass K – Telepharmacy Permits at their affiliate hospitals in Hillsboro and Mayville.

Pharmacists Timothy Larson, PharmD and Paul Gau discussed the Cardinal Health's Rxe-source Center Pharmacy Resources and how they work to support pharmacists and hospitals with "First Dose Review". Board members asked questions relative to the utilization of the common computer systems, the audio and video services within the Cardinal Health system.

It was moved by Pharmacist Dewhirst and seconded by Pharmacist Haroldson to grant Subclass K- Telepharmacy Permits to Hillsboro Medical Center Pharmacy and Sanford Medical Center – Mayville for the utilization of the Cardinal Health's Rxe-source Center Pharmacy Resources out of 770 Pasquinelli Drive #418 in Westmont, IL 60559. This is a variance from the rule requiring operations within contiguous states. Board Member Ziegler disclosed for the record that she is employed with Sanford Health Systems and she intended to vote. All Board Members voted aye – the motion carried.

Sherry Furcht Owner/Pharmacist –In-Charge of Arrowhead Plaza Drug in Bismarck was present to answer questions on their planned expansion, as they have acquired the space next to their present location.

It was moved by Pharmacist Ziegler and seconded by Pharmacist Detwiller to approve the remodeling/expansion plans for Arrowhead Plaza Drug located at 1116 North 3rd St in Bismarck as presented by Owner/Pharmacist-In-Charge Sherry Furcht. All Board Members voted aye – the motion carried.

Pharmacist Sue Schnase presented the remodeling plans for Sanford Pharmacy Broadway located at 737 Broadway in Fargo. She explained that this is an expansion of the present pharmacy.

It was moved by Pharmacist Detwiller and seconded by Pharmacist Dewhirst to approve the Remodeling expansion plans for Sanford Pharmacy Broadway located at 737 Broadway in Fargo. Board Member Ziegler disclosed for the record that she is employed with Sanford Health Systems and she intended to vote. All Board Members voted aye – the motion carried.

At 2:45 President Thom asked Tim Meyer, Director of Administration at FM Ambulance Service to explain the request of the North Dakota Emergency Medical Services Association [NDEMSEA] to the Board. Mr. Meyer explained the need to rewrite the rule or replace it with a statute and allow Ambulances to utilize their medical director for a consultant pharmacist to obtain authority to own and control their own drug on their Ambulances. This would involve obtaining their own DEA Number for Controlled Substances. With several Board Members support, as well as visitors in the room, Executive Director Anderson was asked by President Thom to prepare a draft of a rule or a proposed statute (law) for the review of the Board and Ambulance Services around the state. Mr Tom Neary of the Health Department pointed out that most of our Ambulance Services, perhaps 114 out of the 134 licensed Ambulance Services were allowed to only have Epi-pens on their Ambulance. Approximately 20 Ambulances have the trained staff to administer some medications and might be seeking the authorization to have their own drugs on the Ambulance.

President Thom recessed the meeting while the Board Members administered the Oral Examination to the three Candidates for Examination.

At 4:30 President Thom reconvened the meeting and asked Pharmacist Nathan Fleck, PharmD to explain his concept of a Nuclear Pharmacy that he has envisioned for the Bismarck area. Dr. Fleck presented some rough plans, enquiring if they appeared to be in compliance with the space requirements or if he could be granted a variance on the size specification. Dr Fleck also had a request for either a variance or a rule revision relating to the equipment and library requirements for a Nuclear Pharmacy. The Board Members indicated that Dr. Fleck and others in this industry would be asked to provide specifics as to how they would like to see the rule rewritten and if they have not been rewritten by the time he makes Application for a Pharmacy Permit, the Board of Pharmacy would consider granting him a variance until the rule can be rewritten. The rules have not been revised since being put on the books in 1983. The Board Members expressed interest in having those participating in Nuclear Pharmacy assist in the revision of those rules. Dr. Fleck was assured by the Board that his conceptual plans that he has submitted would meet the building standards required for a Pharmacy Permit.

Mark Pajala, R.Ph. ND Pharmacist #3988 was present to request his Order be modified to allow him to work alone in a pharmacy and to take on-call shifts as the other pharmacists do in the pharmacy where he is employed. Pharmacist Pajala disclosed that he is currently working for Chad Nelson, PharmD – who currently owns four pharmacies in the Fargo area. Since Dr Nelson was also present at the meeting, President Thom asked him for his input. Dr. Nelson supported Pharmacist Pajala's request. It should be noted that Pharmacist Pajala's son, Michael was also present and in support of his father's request. Pharmacist Pajala also has the support of Agnes Harrington, a member of our Pharm-Assist Committee, as well as Drake Counseling Service and Dr. Berry March.

It was moved by Pharmacist Dewhirst and seconded by Technician Halvorson to grant Pharmacist Mark Pajala, North Dakota Pharmacist #3988's request to modify his Order to

allow him to work without the direct supervision of another pharmacist and to take on-call duties. All Board Members voted aye – the motion carried.

President Thom invited Chad Nelson, PharmD, R.Ph. to explain his intended utilization of the Talyst Automated Dispensing Devices in Long-Term-Care facilities. Dr. Nelson explained that he intended to use these automated dispensing devices to allow a nurse to take one-dose at a time from the machine for administration, after the pharmacist reviewed the order from a central fill site and authorized the release of the medication from the Talyst Automated Dispensing Device. Executive Director Anderson reminded Dr. Nelson that the Board had indicated in previous discussion that each of these Talyst sites would need their own license in the Long-Term-Care facility and that if they contained controlled substances they would also need a DEA Registration as required by that agency for that specific location. And that only a pharmacist or a registered pharmacy technician would be allowed to restock the devices or enter the area where back-up drugs are stored in the facility. Dr. Nelson will have the proper Applications ready for the Board to review at the next scheduled meeting, November 17th, 2011.

President Thom invited Pharmacists Shelly Johnson and Rick Boehm to discuss their vision of a home infusion services proposal. Pharmacists Johnson and Boehm expressed their perceived need in critical access hospitals, particularly in Williston, Dickinson and possibly others, for home IV services that they did not think was currently being met. Rick Boehm indicated that he had an instance when St Alexius didn't get a TPN to a patient in Dickinson. Rick Boehm's pharmacy wasn't able to fill the prescription in an outpatient setting and subsequently the patient had to be admitted to the hospital to receive the necessary TPN. Rick Detwiller responded that he had reviewed this specific instance and determined that the patient was unstable in Dickinson and that the prescriber would not issue a new order without lab tests available once the patient would be admitted to the hospital. Once admitted, the Dickinson Hospital did actually use the TPN preparation supplied by St Alexius, while the patient was in that hospital.

They asked for approval of a Subclass C – Home Health Care Permit for critical access hospitals to allow that hospital to provide IV services to out-patients, including those who are not currently patients of that particular facility. Board Members expressed that they felt that granting a retail pharmacy class permit for home health pharmacy services to a hospital would be a violation of our current law. They also expressed concern if the billing could come from a hospital, or if a free standing pharmacy would need to be organized and permitted for that purpose. The Board Members also expressed concern that there are already other sterile products and home IV providers providing this service in our state and that would be the continuum of care interpretation provided after the Board's last meeting and with a little proper planning there would be no reason the patient could not receive these services from the currently licensed providers.

Executive Director Anderson described a scenario in which a North Dakota Licensed Pharmacist or Pharmacists, could establish such a business, owned 51% by that pharmacist or those pharmacists, in Dickinson, Williston or any other North Dakota community and provide the services needed to the patients from that for profit business. There is always concern about the economic liability of a business. However, with support from the hospitals taking care of the patients, this could be a workable situation.

President Thom returned to the beginning of the Agenda to pick up the items that had been skipped over and postponed until now, as no visitor or representative had appeared at the meeting.

The Board reviewed the material submitted by ND Pharmacist #5019 Tana Triepke, PharmD in her quest for Continuing Education Credit.

It was moved by Pharmacist Ziegler and seconded by Pharmacist Haroldson to approve 18.25 hours CE to Tana Triepke, PharmD - ND Pharmacist #5019 for attending "A Focus on Pharmacology" nicotine dependence conference given by Mayo Clinic on May 23-25, 2011. All Board Members voted aye - the motion carried.

It was moved by Pharmacist Dewhirst and seconded by Technician Halvorson to grant up to 6 hours Continuing Education credit for full attendance at the North Dakota Medical Director's Association Conference to be held on Friday September 30, 2011 at the Ramkota Hotel in Bismarck. The five Board Members present at this time voted aye - the motion carried. Pharmacist Detwiller was currently in an Investigating Committee Meeting.

Executive Director Anderson briefly discussed the intention of the NDSU College of Pharmacy to move the Continuing Education to the distance learning division at NDSU.

It was moved by Pharmacist Dewhirst and seconded by Technician Halvorson to grant the request for Re-instatement of Betty Patterson, ND Pharmacist #2748, which had been cancelled for non-payment of renewal fees while she was working in Africa. The five Board Members present at this time voted aye - the motion carried. Pharmacist Detwiller was currently in an Investigating Committee Meeting.

It was moved by Pharmacist Haroldson and seconded by Technician Halvorson to grant the request of 3rd Year NDSU PharmD Student Intern Steven D. Rosenfeldt to be relieved of his reporting requirements to Executive Director Anderson and to the Pharm-Assist Committee. The five Board Members present at this time voted aye - the motion carried. Pharmacist Detwiller was currently in an Investigating Committee Meeting.

It was moved by Pharmacist Dewhirst and seconded by Pharmacist Technician Halvorson to approve the remodeling plans for the McKenzie County Healthcare Systems Pharmacy in Watford City. The five Board Members present at this time voted aye - the motion carried. Pharmacist Detwiller was currently in an Investigating Committee Meeting.

Executive Director Anderson reviewed the Caraco Pharmaceutical Laboratories, LTD, issued North Dakota Wholesale License #293 on July 1, 2008; their FDA Consent Decree and deficiencies submitted with their July 1, 2011 Renewal Application with the Board Members.

It was moved by Pharmacist Dewhirst and seconded by Pharmacist Ziegler that no action be taken by the North Dakota Board of Pharmacy as a result of this incident, and their Renewal be granted. The five Board Members present at this time voted aye - the motion carried. Pharmacist Detwiller was currently in an Investigating Committee Meeting.

Pharmacist Ziegler and Technician Halvorson reported on the request of Mr. Amit Modgil, a candidate for licensure as an Intern.

It was moved by Pharmacist Ziegler and seconded by Technician Halvorson to grant Mr. Amit Modgil an intern license and allow him 200 hours credit, equivalent to one elective rotation, for his work in the pharmaceutical sciences laboratory. The five Board Members present at this time voted aye – the motion carried. Pharmacist Dewhirst was currently in an Investigating Committee Meeting.

It was moved by Pharmacist Ziegler and seconded by Technician Halvorson to approve the Collaborative Agreement of Presentation Medical Center Clinic Pharmacists Douglas Demontigny and Laurie Thompson; and Dr. Roy Cordy and Dr. Penny Wilkie. The five Board Members present at this time voted aye – the motion carried. Pharmacist Dewhirst was currently in an Investigating Committee Meeting.

Executive Director Anderson distributed a packet relative to the rules for Interns and the Applications for licensure forms that we currently use. We are preparing to use the common interchip licensure database being prepared by NABP for District V NABP/AACP. It is anticipated that North Dakota and Iowa will be the first two states to populate the database with our Intern data. A question arose as to whether we needed a motion on this and Pharmacist Zeigler reported that she thought we had already passed a motion authorizing this project.

Assistant Executive Director Mark Hardy presented a proposal for an NABP Newsletter for North Dakota.

It was moved by Pharmacist Detwiller and seconded by Pharmacist Dewhirst to publish an NABP Newsletter that would be sent through the mail to all of our licensed pharmacists and pharmacy technicians for a period of one year, at that time we can reconsider whether the newsletter should be electronic. The addition to the budget for this item is also approved for an annual amount of \$3284.04 on an annual basis. On a vote by Roll Call: Pharmacist Detwiller – Aye Pharmacist Dewhirst – Aye Technician Halvorson – Aye Pharmacist Haroldson – Aye Pharmacist Thom – Aye Pharmacist Ziegler – Aye Nays none – the motion carried.

Board Members expressed to Assistant Executive Director Hardy that we should consider a facebook page for the Board of Pharmacy and asked that he research that and they would look forward to hearing about at the November 17th, 2011 Board Meeting.

Technician Halvorson suggested that we publish the Certification Requirements for North Dakota Registered Pharmacy Technicians, including the specific dates for these requirements to be met, as some technicians have expressed confusion on the details.

President Thom requested that we disseminate information relative to the details of how and when a pharmacy technician can transfer prescriptions, particularly a controlled substance prescription.

Having concluded all current business, the meeting adjourned.

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Assistant Executive Director Mark Hardy presented a proposal for an NABP Newsletter for North Dakota. Addendum 7 – A are the projected Costs.

It was moved by Pharmacist Detwiller and seconded by Pharmacist Dewhirst to publish an NABP Newsletter that would be sent through the mail to all of our licensed pharmacists and pharmacy technicians for a period of one year, at that time we can reconsider whether the newsletter should be electronic. The addition to the budget for this item is also approved for an annual amount of \$3284.04 on an annual basis. On a vote by Roll Call: Pharmacist Detwiller – Aye Pharmacist Dewhirst – Aye Technician Halvorson – Aye Pharmacist Haroldson – Aye Pharmacist Thom – Aye Pharmacist Ziegler – Aye Nays none – the motion carried.

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Having concluded all current business, the meeting adjourned.

STATE BOARD NEWSLETTER ESTIMATED EXPENSES
July 2011-June 2012

State: North Dakota
 Total Quantity Printed: 1,868
 Quantity Sent Presorted Standard Mail: 1,711

PRODUCTION AND PRINTING

Costs are estimated for a four-page *Newsletter*. Information about costs for *Newsletters* with additional pages or with inserts can be obtained by contacting the NABP Communications Department.

ACTIVITY	COST PER ISSUE	COST PER YEAR (4 ISSUES)
Layout/Typesetting (\$80)	\$80.00	\$320.00
Printing (\$66/1,000 Newsletters)	\$123.29	\$493.16
Wafer Sealing (\$14.50/1,000 Newsletters)	\$27.09	\$108.36
Re-fold/Three Hole Punch (optional) (\$17.25/1,000 Newsletters)	\$32.22	\$128.88
Total	\$262.60	\$1,050.40

MAILING HANDLED BY NABP FOUNDATION PRESORTED STANDARD MAIL #5744

Increases in presorted standard mail postage charges by the US Postal Service will be passed on to your state. UPS expenses includes extra Newsletters delivered directly to Board of Pharmacy

ACTIVITY	COST PER ISSUE	COST PER YEAR (4 ISSUES)
Lot Change Fee (\$50)	\$50.00	\$200
List Maintenance/Label Processing (\$5.85/1,000 labels)	\$10.01	\$40.04
Inkjet Labeling (\$27.20/1,000 Newsletters)	\$46.54	\$186.16
Presorted Standard Postage (\$260/1,000 Newsletters)	\$444.86	\$1,779.44
UPS Expense	\$7.00	\$28.00
Total	\$558.41	\$2,233.64

TOTAL FOR PRODUCTION, PRINTING, AND MAILING

Total charges will vary based on the number of *Newsletters* printed and mailed.

COST PER ISSUE	COST PER YEAR (4 ISSUES)
\$821.01	\$3,284.04

BOARD OF PHARMACY TO FURNISH:

- Typed copy for *Newsletter* (sent via e-mail)
- Reproduction of state seal for masthead
- Official title for *Newsletter* masthead
- List of recipients if NABP Foundation handles mailing

NABP FOUNDATION TO FURNISH:

- Guidelines for *Newsletter* publication
- Editorial assistance
- Typesetting and layout
- Production supervision
- Postage and handling arrangements if NABP Foundation handles mailing

STATE BOARD NEWSLETTER ESTIMATED EXPENSES
July 2011-June 2012

State: **Noth Dakota – Electronic**
 Total Quantity Printed: N/A
 Quantity Sent Bulk Mail: N/A

**PRODUCTION
 AND
 POSTING**

Costs are estimated for a four-page *Newsletter*. Information about costs for *Newsletters* with additional pages can be obtained by contacting the NABP Communications Department.

ACTIVITY	COST PER ISSUE	COST PER YEAR (4 ISSUES)
Layout/Typesetting (\$80.00)	\$80	\$320
Web Hosting Fees (\$75)	\$75	\$300
TOTAL	\$155	\$620

**E-MAILING/LIST
 MAINTENANCE**

E-mail sent to subscribers each time *Newsletter* is posted. Board can request e-mail contact list at any time.

ACTIVITY	COST PER ISSUE	COST PER YEAR (4 ISSUES)
List Maintenance	\$0	\$0
E-mail Alert	\$0	\$0
TOTAL	\$0	\$0

**TOTAL FOR PRODUCTION,
 POSTING, AND E-MAILING**
 Total charges will vary based on the number of pages posted.

COST PER ISSUE	COST PER YEAR (4 ISSUES)
\$155	\$620

NABP FOUNDATION TO FURNISH:

- Guidelines for *Newsletter* publication
- Editorial assistance
- Typesetting and layout
- Production supervision
- E-mail list management (optional)
- E-mail alert (optional)

BOARD OF PHARMACY TO FURNISH:

- Typed copy for *Newsletter* (sent via e-mail)
- Reproduction of state seal for masthead
- Official title for *Newsletter* masthead
- List of e-mails (optional)

Bonnie J. Thom, R.Ph.
President

Gary W. Dewhirst, R.Ph.
Senior Member

Member
Laurel A. Haroldson, R.Ph.

Member
Rick L. Detwiller, R.Ph

Member
Gayle D. Ziegler, R.Ph.

Executive Director
Howard C. Anderson Jr, R.Ph.

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Diane M. Halvorson, RPhTech

Assistant Executive Director
Mark J. Hardy, PharmD, R.Ph.