

NURSE ANESTHESIA PROGRAM NEWSLETTER

Saint Mary's University of Minnesota
Graduate Program in Nurse Anesthesia

Spring Semester
JANUARY, 2006

VOLUME 1, ISSUE 2

Building for the Future



Artists depiction of the new Mother Theresa Hall on Park Avenue

Saint Mary's University of Minnesota is ready to begin construction on an expansion to Mother Theresa Hall on the Twin Cities Campus. The renovation will add two new floors, an elevator and improvements to the plumbing and heating systems. The new addition will add more classrooms and other facilities for student activities.

Clinical News

Information technology, or why can't I just remember the dose of Propofol?

This past semester has seen the implementation of an electronic patient chart at Abbott Northwestern Hospital. Called Excellian®, it has added some additional stress to our student's lives. Passwords, screen prompts and data entry and retrieval are now part of the clinical curriculum. While the anesthesia record is still paper/pen, the Anesthesia Department is participating in the development of an electronic record. Regions Hospital uses EPIC® and several other clinical sites are going "on line". I guess this is called progress!

The Class of 2007 starts their clinical orientation this semester. They are all looking forward to finally getting into the operating room. Meanwhile, the Class of 2006 continues their specialty rotations. We have been able to include two "rural" rotations into each student's clinical track to increase their exposure to CRNA only practice and increase their proficiency with regional anesthesia. While this means some increased travel and separation from family, the feedback has been very positive and we hope to continue these opportunities. The program appreciates all the support each clinical site gives our students. Thank you all, very much.

Inside this issue:

Campus expansion	1
Clinical news	
Blackboard software	2
Triathlon	
Student seminar program	3
Applications for the Class of 2009	4
Students at the simulator	
Alumni news	5
Faculty News	
Movies for NA Students	
Reservation for the student seminar	6

• Upcoming Events:

- ◇ January 6, 2006 New Spring Semester begins.
- ◇ February 13 & 20, PALS
- ◇ March 20, ACLS
- ◇ April 1, Deadline for New Student Applications Class of 2009
- ◇ April 14 - 17 Easter break
- ◇ April 22, Spring semester ends.
- ◇ May 4, 2006 Class of 2008 new student orientation.
- ◇ May 13, 2006: Student Paper Presentations

Are You Tough Enough?



Ever think about training for a triathlon as a team building event? Twenty-one students in the M.S. Nurse Anesthesia program successfully competed as relay teams in the annual Life Time Fitness Triathlon on July 16, 2005 at Lake Nokomis in Minneapolis. For most of the students, this was their first time competing in a triathlon. "This event was a great success," said Pete Strube, the nurse anesthesia student coordinating the Saint Mary's teams. "We learned a lot about ourselves and working with others in a different capacity." We're going to try to make this an annual event, adding more students and alumni each year," Strube added. Alumni from all programs and campuses are encouraged to participate as runners, bikers or swimmers on relay teams. For more information or to sign up for next year's event, contact Peter Strube at : stmarystriteam@yahoo.com.

Blackboard 6 Course Management Software

Saint Mary's University of MN's students and faculty use Blackboard 6 software to manage courses, class presentations, handouts and grades. This software allows us to provide information, course materials, supplementary materials and internet links directly to students wherever they may be.

If a student wishes to review his or her notes from a particular class while they are at a distant clinical site, they just need internet access. Instructors can post their class content and archive it for the following year. Content is easily accessible and easy to up-

date with newer content. There are many great features contained in this software. If you are a member of our faculty and would like to know more about Blackboard contact Veronica Murphy to get your username and password. (612)728-5132

To learn more about the capabilities and features, point your web browser to: <http://www2.smumn.edu/deptpages/~instructtech/lol/index.htm>

This Semester's Courses

JUNIORS

- ◆ *Principles of Anesthesia 2*
- ◆ *Pharmacology*
- ◆ *Anatomy and Physiology 2*
- ◆ *Clinical Practicum 1*



SENIORS

- ◆ *Clinical Practicum 3*
- ◆ *Synthesis Paper Presentation*

Saint Mary's University on MN Student Seminar

Recall and Awareness Among the Pediatric Population.

Theresa Hanson, SRNA and Kim Dylla, SRNA

Artificial Oxygen Carriers: A Current Review

Thad Henkel-Hanke, SRNA and Mark Oleck, SRNA

Modified Meta-Analysis of the Relationship between the Bispectral Index Monitor and Propofol Administration

Mitch Chermack, SRNA and William J. Tallier Jr., SRNA

Care of the Adult Cystic Fibrosis Patient During Surgery

Jennifer Boyer, SRNA and Captain Peter Strube, SRNA

Does the Addition of Midazolam to Regional Anesthesia Increase the Quality and Duration of Analgesia During the Postoperative Period?

Katina Kipp-O'Hara, SRNA and Lt Deborah Brzycki, SRNA

Chemical Dependency Issues in Nurse Anesthesia

Lisa Becchetti-Wilson, SRNA and Linh Geist, SRNA

Perioperative Hyperglycemia as it Relates to Postoperative Infection

Thomas K. Wallace, SRNA and Joshua Walter, SRNA

Bis Monitoring: Efficacy Versus Cost-Effectiveness

Carol Hunter, SRNA and Joann Stover, SRNA

Nurse Anesthesia Opinions Regarding Computerization Of Perioperative Record

Steven Kremer, SRNA and Ross Peterson, SRNA

Anesthetic Management of the Obese Patient

Mark Whitson, SRNA and Jackie Erickson, SRNA

Incidence and Implications of Residual Curarization after

Non-depolarizing Neuromuscular Blockers

Amanda Peterson, SRNA and Scott Mensen, SRNA

The Pediatric Patient With A URI: Should You Cancel Surgery?

Deb Helseth, SRNA and Jen Howard, SRNA

Amino Acids Infusions And Prevention Of Hypothermia

Shawn Wolk, SRNA and Jonathan Hites, SRNA

Saturday, May 13

0830 – 1600

Twin Cities Campus

Mother Theresa Hall

2440 Park Avenue

Minneapolis, MN 55404

Cost \$30.00 – CRNA's

\$15.00 – Students

Application for 5 CEU credits is in process

Coffee, Tea, Soft Drinks

Lunch provided

Applications for the Class of 2009

It seems that there is no decrease in interest for nurse anesthesia programs. As of January, 2006, there have been over 460 requests for information and application materials. Currently, around 100 nurses have completed applications for admission to the program and many more files that are close to being completed.. This time of year is typically the busiest time for our Admissions Department to process the applications for the nurse anesthesia program.

The demographics of the applicant pool are similar to past years. The average number of years of critical care experience is over 3 at the time of application. Average overall GPA is about 3.2 on a 4 point scale.

The deadline for applications for the Class of 2009 is April 1, 2006.



SMU Students work with the METI Simulator



A student contemplates what actions to take with the pediatric simulation scenario.

Junior students will be working with the METI Human Patient Simulator (HPS) again this year. The Health Partners Simulation Center (HPSC) is equipped with a gas machine and all applicable monitors and equipment. Students first work with the adult HPS, applying information from case studies to the scenario. Initially, the HPS will breathe, blink, have a palpable pulse and speak. Once the anesthetic drugs are administered, the HPS will react. Blinking and breathing will stop and the blood pressure will fall. The student is responsible for supporting the airway, intubation, and conducting the anesthetic in a safe and practical way. During the beginning of the Fall semester, students return to the HPSC to challenge the pediatric HPS. The child looks to be about the size of a six year old but can be programmed to be bigger or smaller. Various disease states can be added to either program to simulate more realistic experiences. The Center also has a bronchoscopy simulator to help students prepare to use the fiberoptic bronchoscope for real patient situations.

Alumni News

CONGRATULATIONS:

To Beau and Jennifer Stricker on the birth of their new baby Alexandra JoAnn Stricker. Alexandra was born on September 22, 2005 at 1654. She weighed in at 6 pounds and 6oz. and was 20 inches tall. Alexandra's older sister, Kaitlyn, will be 3 in December.



ATTENTION ALUMNI

IF YOU HAVE NEWS, EVENTS OR ACCOMPLISHMENTS THAT YOU WOULD LIKE YOUR CLASSMATES TO SEE, PLEASE SEND IT TO:

MERRI MOODY

mmoody@smumn.edu

Faculty News

New Faculty Position Soon to be Announced

The Nurse Anesthesia Program will begin a search for a newly created faculty position in January or February of this year. The third full-time position will be responsible for teaching along maintenance and assessment of the curriculum. A specific position description and compensation / benefits are being developed at this time. Look for the posting of this position and details soon. Notification will be sent to all clinical sites and avail-

able alumni through email.

Faculty Development Conference

The 3rd Faculty Development Conference is scheduled for February 10, 2006 from 5:30 to 8:00 PM at the Shrine Center. Brother Craig Franz, University President will be the keynote speaker. Concurrent sessions and a buffet dinner is planned. For more information, contact Veronica at *vmurphy@smumn.edu*

Commencement for the Class of 2006

Sunday June 4, 2006 is the date for this event. All clinical and academic faculty are encouraged to attend. Contact Veronica (*vmurphy@smumn.edu*) for additional information. Cap and gown are provided by the University. Please attend and help our students celebrate.

“We cannot hold a torch to light another's path without brightening our own.” Ben Sweetland



Lights, camera, ACTION!

The first movie for students has been completed and added to the Student Page on Blackboard. Student volunteers acted in the movie that shows how to check a gas machine, set up a backtable and perform an induction sequence. Regions Hospital donated their facilities for this project. The movie will help students starting their clinical practice by showing the aforementioned activities in real time. Students rotating to Regions for the first time will also find it helpful to see the facilities and routines before they start.

Program Staff

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Academic Dean***

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SMU NURSE ANESTHESIA PROGRAM PHILOSOPHY

The Master of Science program in Nurse Anesthesia originated in response to the request of leaders in the health care field for graduate level education in the field of Nurse Anesthesia. With this need in mind, Saint Mary's University of Minnesota developed this program in affiliation with Abbott Northwestern Hospital.

With a focus on meeting the needs of adult learners, the program's goal is to provide a positive and supportive learning environment, preparing the professional nurse in the art and science of anesthesia and meeting the societal need for safe and competent anesthesia care.

The program provides the student with a curriculum that includes formal and informal instruction in scientific principles, clinical practice and professional growth opportunities. A shared sense of responsibility exists between the faculty and the student to reach the goal of becoming a Nurse Anesthetist.

There have been 547 GRADUATES from 1952 through 2005.

We're on the Web!

www2.smumn.edu/deptpages/~nap/index.htm

STUDENT SEMINAR RESERVATION FORM

NAME: _____

ADDRESS: _____

CITY / STATE / ZIP: _____

AANA NUMBER: _____

PLEASE MAKE CHECK OUT TO:

GRANT ACCOUNT 5309

Cost \$30.00 – CRNA's

\$15.00 – Students

Application for 5 CE credits is in process

Please send application to:

Saint Mary's University of MN

Nurse Anesthesia Program

2500 Park Avenue

Minneapolis, MN 55404

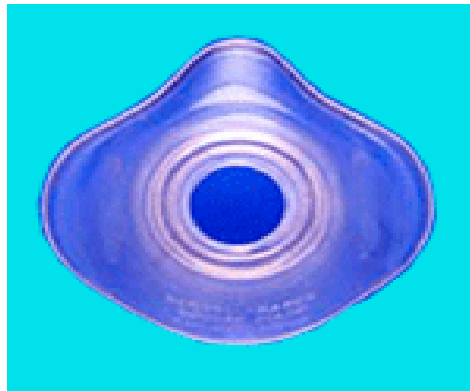
ATTN: Veronica Murphy

Upcoming Events

- ◆ September 6: Fall semester begins.
- ◆ September 30: New President Inauguration in Winona
- ◆ October 28: Partners in Learning
- ◆ December 17 Fall semester ends
- ◆ January 6, 2006 New Spring Semester begins.
- ◆ April 14 - 17 Easter break
- ◆ April 22, Spring semester ends.
- ◆ May 3, 2006 Class of 2008 new student orientation.
- ◆ May 13, 2006: Student Paper Presentations

Program News

WELCOME The purpose of this newsletter is to provide news and information to our faculty, clinical instructors and alumni. We hope to include university and program events, activities, opportunities and announcements. We will publish any alumni or student news or activities with their permission. Our hope is that this will help everyone keep informed. We plan to publish this newsletter each semester.



Curriculum Changes and Accreditation Update

We are in the process of assessing our course content to be sure that it meets the needs of our students. To that end, we are asking all of our faculty to prepare and submit a content outline of their classes. Once completed, this outline, or curriculum matrix, will be analyzed to see if the credit and course content could be re-structured and delivered differently in our courses. The field of anesthesia grows rapidly and our course content needs to match the needs of our graduates.

More information will be sent to faculty members as this project continues to progress.

ENHANCE YOUR TEACHING SKILLS! - FREE SEMINAR FOR ACADEMIC AND CLINICAL FACULTY

Saint Mary's University of MN's Faculty Development Committee is sponsoring a dinner and speaker meeting entitled Critical Thinking in Teaching and Learning. The event will be held at the Zurah Shrine Center on Friday October 28th. Dinner starts at 5:30. The speaker will be Dr. Roxanne Eubank, Professor, Ed.D Program in Leadership. The title of Dr. Eubank's presentation is "Defining the Components of Critical Thinking." There will be breakout sessions on a variety of related topics from 7:30 to 9:15. If you are interested please call for a brochure. 612-728-5132 or 800-437-2788 extension 132 The program's content is listed later in this publication, page 3.

ACCREDITATION

We received a ten year approval from our last accreditation visit. We are due to be re-accredited during the year of 2009. This means that it is time to start collecting documents for our next cycle. This process is very time consuming and labor intensive. It entails responding to a self-study document and collecting many documents needed for demonstrating of compliance with the Standards and Guidelines for Accreditation. The afore mentioned curriculum matrix is part of this process.

Recruiting



The Class starting in May of 2006 has been settled. This year we had about 260 applications and accepted 30 for the next class. The demographics of the applicant pool continues to improve. The average number of years of critical care experience in this class was over 3 at the time of application. The average overall GPA is 3.2 on a 4 point scale. Fifty two percent of the new selected candidates are male and forty eight percent are female.

Applications are currently being accepted for the class to start in 2007. Applications are accepted throughout the year. Potential applicant files are screened after April 1st. Interviews are conducted during the months of May and June.

Senior Student Thesis

Senior students are currently working on completing their thesis papers. This year the assignment includes submitting the papers for publication. The actual submission can be a relevant article, research paper, case study, professional issue paper or journal review course. Students choose the topic for their paper and work in pairs to complete the project. We are hoping that most of them will be accepted for publication. The papers will be presented to the community this spring. Continuing Education Credits for nurse anesthetists will be offered to attendees. The projected date of the

conference is May 13, 2006. More information will be published as it becomes available.



JUNIORS

°Principles of Anesthesia 1
°Pharmacology for Nurse Anesthetists
°Anatomy and Physiology 1

SENIORS

°Clinical Integration 2
°Professional Aspects of Nurse Anesthesia, Department Management
°Clinical Practicum 3

Clinical Corner

The Class of 2006 has successfully completed their first semester of clinical education and now begin their clinical specialty rotations. A new site this year was Rice Memorial Hospital in Willmar, Minnesota. We certainly appreciate the contributions that the CRNA's and Anesthesiologists made to make this happen, especially the clinical coordinator, Kimberly Rupp-Montpetit. It was a very positive experience for both the student and the staff. Also new this past year was our site in Aitkin, Minnesota, Riverwood Health Care Center in Aitkin, Minnesota. CRNA's Kathy and John Ziebarth staff this CRNA only practice. There have been several changes to clinical coordinators this past year. Barbara Schneider is back at Abbott Northwestern Hospital and will help Paul Gray with the duties of clinical coordinator. Mike Larson is the new coordinator at St. Luke's Hospital in Duluth, Michael Lien has joined the staff at River Falls Area Hospital helping John Moen, Jim DuCharme will be the coordinator at Minneapolis Children's Hospital and Kristi Widseth will resume her role as coordinator at Ridgeview Medical Center in Waconia, Minnesota. I want to thank all who have or will serve in this important role.

Faculty Development Conference Open to all SMU Faculty

**Partners in Learning
Faculty Development Conference**

**Friday October 28, 2005
5:30 – 7:15 pm**

**Dinner and Speaker
Zuhrah Shrine Center**

Welcome and Introductions
Defining the Components of Critical Thinking
Roxanne Eubank: Professor, Ed.D. Leadership Program

**7:30- 9:30 pm
Concurrent Sessions
LaSalle Hall Classrooms 202 -216**

- 1.) Methods for Critical Thinking in the Classroom
Roxanne Eubank
- 2.) Learning through Blended Learning
Bob Anderson
- 3.) Fostering Academic Integrity
Priscilla Herbison
- 4.) Understanding Cultures of our Students
Student Panel, Mary Louise Wise, moderator
- 5.) Assessment and Grading
David Kaiser and Linka Holey
- 6.) LaSallian Philosophy in the Classroom –
What it is, and isn't... Fran Crisman
- 7.) Adult Learning Theory
To be determined
- 8.) Active Learning Approaches
Willie Johnson and a panel

RSVP by October 20th to Becki Warnock: rwarnock@smumn.edu

For more information, please contact:
Mary Louise Wise, 612-728-5104

-or-

call for a brochure. 612-728-5132 or
800-437-2788 extension 132

LAST PAGE



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Saint Mary's switches to Blackboard Version 6.0

Saint Mary's switched to the newest version of Blackboard in August of 2005. Many of the features remain the same as the old version, but with some exciting extras added. Use of Blackboard remains convenient for courses and programs at Saint Mary's, but the new version now allows for a more cohesive flow of information as well as increased organization of information and program-friendly features. If you have questions regarding your username and password, please contact the Helpdesk by email at helpdesk@smumn.edu or by phone (toll free) 800-372-8176 ext. 7800.



Congratulations Class of 2005

We're on the Web!

www2.smumn.edu/deptpages/~nap/index.htm