

Enclosure 3 Committee Minutes

- OSAH meeting (Sample)
- Master Program Director meeting minutes (Sample)
- NAP Faculty monthly meeting minutes (Sample)
- Masters/DNP programs Curriculum Committee minutes (Sample)
- NAP Education and Curriculum meeting minutes

University of Maryland
School of Nursing
Organizational Systems and Adult Health
Minutes
November 20, 2006

Present:

Karen Clark, Joan Davenport, Carol Esche, Vanessa Fahie, Erika Friedmann, Conrad Gordon, Lou Heindel, Linda Hickman, Louise Jenkins, Meg Johantgen, Karen Johnson, Deborah Jones, Jane Kapustin, Catherine Kelleher, Laura Koo, Sandra McLeskey, Kathleen Michael, Lyn Murphy, Eun-Shim Nahm, Judy Ozbolt, Sandra Picot, Darryl Roberts, Marianne Shaughnessy, Debbie Spunt, Mary Tilbury, Nina Trocky, Chris Ward, Debra Wiegand, Marisa Wilson, Rebecca Wiseman

Excused Absence:

Barbara Dobish, Elizabeth Galik, Jana Goodwin, Toma Guberski, Louise Jenkins, Deborah McGuire, Joseph Proulx, Cheryl Robertson

Absent:

Matt D'Angelo, Michelle Duell, Ann Mech, Cindy Renn, Barbara Resnick, Valerie Sabol, Ann Scheve, Kathryn VonRueden, Maggie Watt

Guest:

Dr. Patricia Morton, Interim Associate Dean for Academic Affairs and Doctor of Nursing Practice Program

Call to order: Dr. Yocom called the meeting to order at 1:33 p.m.

AGENDA ITEM/TOPIC	DISCUSSION AND ACTION
Minutes	The minutes of October 16, 2006 were approved.
Announcements	Charlotte Weber has joined the department as an Administrative Assistant II. She previously worked at the School of Pharmacy.
<u>Old Business</u>	
Teaching Assignments Update	The assignments for winter 2007 have been completed. The assignments for spring 2007 are still being finalized. On November 27, Dr. Yocom will send a spreadsheet with the assignments to the faculty for review. Faculty will have a few days to respond to Dr. Yocom.

AGENDA ITEM/TOPIC	DISCUSSION AND ACTION
Teaching Assignments (continued)	<p>Faculty can also still volunteer for any assignments that are still available. After Dr. Yocom reviews the input, formal assignment letters will be sent to the faculty.</p> <p>Dr. Yocom noted that Conrad Gordon still needs eight clinical instructors for N330. Instructors should have recent clinical experience, an MS degree, and a background in Adult Health or Gerontology.</p> <p>Action: Dr. Yocom will talk to Lois Reisig about advertising. If anyone knows of any possible clinical instructors, they should contact Dr. Yocom or Conrad Gordon.</p>
Effort Reports	<p>Beginning in January, faculty will be required to complete their efforts reports electronically. Reports will be completed every quarter thereafter. Training will be provided.</p> <p>Action: Sandra Ball will ask Victor Peguero if the School of Nursing will review the reports and keep copies of them.</p>
Timesheets	<p>Faculty members are required to turn in a timesheet and a calendar every month. Faculty should also give a copy of their calendar to any support personnel they have. They should also provide an emergency phone number to their support personnel.</p> <p>In some versions of Outlook, the calendar can be saved as a PDF file and emailed.</p>
Copying	<p>The department is spending an average of \$1,000 per month for copying on the satellite copiers. Copying on these copiers cost ten cents per page. It is cheaper to have Arthur Talbert make copies.</p> <p>Action: If your copy output for any document exceeds ten pages, give the material to Charlotte or Wendy for copying.</p>

AGENDA ITEM/TOPIC	DISCUSSION AND ACTION
Dr. Patricia Morton	<p>Dr. Patricia Morton, Interim Associate Dean for Academic Affairs, discussed her new role. In addition to working with the Academic Deans, she also oversees the DNP program, the Teaching Institute, the standardized patient center, and the evaluation center. She also reviews training grants.</p> <p>Dr. Morton asked the faculty for suggestions. Suggestions included:</p> <ul style="list-style-type: none"> • Providing more oversight of student reinstatement and probation • Monitoring undergraduate students who placed on probation at mid-semester • Improving resources for students in academic jeopardy • Offering formal tutoring at the undergraduate level • Asking Marsha Youngblood, the tutor at Shady Grove, to be a consultant on Dr. Morton's proposal for remedial assistance for students • Providing copies of current textbooks and packets to Sheila Levings (tutor) • Providing a certified/formal training program for student tutors. • Notifying advisors of add/drops • Posting a master list of advisors and advisees on the I drive • Giving all faculty read privileges for Banner <p>Dr. Morton met with Dr. Malinda Orlin regarding remedial assistance for students. Dr. Orlin asked Dr. Morton to create a proposal that outlines what the students need.</p> <p>Also, Dr. Morton acknowledged that the RN-MS and RN-BSN students are getting lost in the system. In response to this, the Administrative Council has created an RN-BSN/RN-MS Coordinator position. An announcement will be sent to the faculty soon.</p>

AGENDA ITEM/TOPIC	DISCUSSION AND ACTION
Dr. Morton (continued)	<p>Dr. Murphy noted that the Process Improvement Committee is reviewing the entire registration process. The committee might propose that the school implement arena style registration for students who do not need or want advisement.</p> <p>Action: Faculty members should not sign forms for someone else's advisees. Any ideas about improving advisement and registration should be sent to Lyn Murphy or Laura Koo.</p>
<p><u>New Business</u></p> <p>Weather Related Cancellations</p> <p>Workload Units</p>	<p>The current policy requires the Department Chair to contact faculty who are teaching and/or conducting exams if classes are cancelled.</p> <p>Several faculty members pointed out that school closing information is available through the website and the University hotline. Also, the policy on weather related cancellations is included in every syllabus. However, clinical instructors do not always know when the school closes early.</p> <p>It was also noted that Shady Grove often closes while the Baltimore campus remains open.</p> <p>Action: If the school closes in the afternoon, Dr. Yocom will contact the clinical coordinators who will contact the clinical instructors. Dr. Yocom will talk to Dr. Mech regarding the legality of conducting clinical practicums and makeup hours when the school is closed.</p> <p>Dr. Yocom gave a presentation about workload calculation. The Academic Deans are reviewing the current policy which will remain in effect this winter and spring. When a new policy is created, it will be sent to Faculty Council and to the departments for review and input before it is implemented.</p> <p>A question and answer session followed the presentation.</p>

AGENDA ITEM/TOPIC	DISCUSSION AND ACTION
Workload Units (continued)	<p>Suggestions for improving the policy included taking into account</p> <ul style="list-style-type: none"> • the number of students in a class • the prep time needed for large classes • the number of independent study students a faculty member has • the number of hours spent lecturing in other classes • the number of advisees a faculty member has • the number of scholarly papers a faculty member has to grade • undergraduate/CNL combined courses should be recognized as two courses • credit should be received for developing courses. (Currently, the policy only includes online course development.) • Monetary compensation should be given to faculty who work beyond their workload.
Adjournment	The meeting was adjourned at 3:00 p.m.
Upcoming Meetings	<p>December 18, Room 730, 1:00 p.m.-Holiday Luncheon</p> <p>Department Meeting: January 16, Room 730, 9:00 a.m.-11:00 a.m.-Sexual Harassment Program. ATTENDANCE REQUIRED</p>

ORGANIZATIONAL SYSTEMS & ADULT HEALTH

Department Meeting
February 19, 2007
1:30 to 3:30PM – Room 730

AGENDA

Minutes: Approval of November 20, 2006 Minutes

Guest Speaker: Tammy Flowers & Buzz Merrick – Campus HR
Topic: Sexual Harassment

Announcements:

Welcome: **Faculty**

Margaret Hammersla, MSN, RN
Shannon Reedy, MS, CRNP, CCRN

Visiting Scholars

Dr. Jane Armer – Professor, Sinclair School of Nursing,
University of Missouri-Columbia
Dr. Hyeoun Ae Park – Professor, Biostatistics/Health Informatics
College of Nursing Seoul National University

Vice-Chair – Update

Celebrations:

Congratulations:

Dr. Deborah Jones has been awarded a three year, \$120,000 NIH Minority Supplement Award (U01).

Darryl Roberts successfully defended his dissertation proposal: *Intimate Partner Homicide: A current of lethal violence* on January 29 and is now officially a PhD candidate at UMBC.

Recent Publications:

Congratulations to the following faculty on their most recent publications:

Jones, D.E., Weaver, M.T., Grimley, D., Appel, S., & Ard, J. (2006). Health belief model perceptions, knowledge of heart disease and its risk factors in educated African-American Women: An exploration of the relationships of socioeconomic status and age. *Journal of the National Black Nurses Association*, 17 (2), 13-22.

Guzman, A., Tonelli, L.H., **Roberts, D.**, Stiller, J.W., Jackson, M.A., Soriano, J.J., Yousufi, S., Rohan, K.J., Komarow, H., Postolache, T., (2007). Mood-worsening with high-pollen-counts and seasonality: A preliminary report, *Journal of Affective Disorders*, (In Press).

Old Business:

Calendars & Timesheets

New Business:

Teaching Assignments

Open Dialogue With The Chair: (Q&A Opportunity)**Important Dates:**

Feb 27	Black History Month Lecture (12-1:15PM) Loretta Sweet-Jemmott, PhD, RN, FAAN
Mar 6	Career Fair – SON Lobby (10-2:00PM)
Mar 8	Komen Distinguished Lecture (4-5:30PM) Angela Brodie, PhD
Mar 10	Undergraduate Open House (9:30-1:00PM)
Mar 12	Last Day to DROP a course w/o a penalty
Mar 19-23	Spring Break
Mar 26–Apr 6	Summer & Fall 2007 Advising
Mar 27	Graduate Open House (5-8:00PM)
Mar 30	Ann Cain Endowed Lecture Series (4-5:50PM) Carol Etherington, MSN, RN, FAAN
Apr 13	Dr. Jane Armer – Research Seminar – 12:00-1:00PM -Room 730
Apr 16-20	Advance Registration – Summer & Fall 2007
Apr 19-20	2007 Conference: Your Practice Based on Evidence: Impacting Patient Care and Outcomes Jointly sponsored by the UMSO and the VA Maryland Health Care System
Apr 23	Registration Continues for ALL students
May 11	Grades Due – Graduating Students (12:00PM)
May 18	Semester Ends – Convocation – Baltimore Convention Center (9:30AM)
May 18	Graduation – First Mariner Arena (3:00PM)
May 22	Grades Due – Continuing Students (5:00PM)

Next Departmental Meeting: March 19 – Room 730 (1:30-3:30PM)

Organizational Systems & Adult Health
COMMITTEES/FACULTY & STAFF MEMBERS

School & Campus Committee Minutes – Submit copy to Wendy for Department File

APT

Dr. Erika Friedmann – Chair
Dr. Meg Johantgen
Dr. Catherine Kelleher
Dr. Sandra Picot
Dr. Mary Tilbury

Faculty Senate

Dr. Lyn Murphy
Dr. Meg Johantgen

Curriculum Committee:

Doctoral – Dr. Debbie McGuire – Chair
Dr. Chris Ward
Dr. Meg Johantgen

Masters - Dr. Thomasine Guberski – (Chair of Curriculum Committee)
Dr. Michelle Michael – Chair
Dr. Marianne Shaughnessy
Dr. Lou Heindel
Dr. Joseph Proulx
Dr. Rebecca Wiseman
Dr. Eun-Shim Nahm– Alternate

Undergraduate

Susan Antol - Chair
Laura Koo
Conrad Gordon
Darryl Roberts
Jana Goodwin - Alternate

Faculty Council:

John Distler – Chair
Dr. Jane Kapustin – Vice Chair
Dr. Joseph Proulx
Mr. Darryl Roberts
Dr. Lyn Murphy
Dr. Becky Wiseman
Laura Koo - Alternate
Valerie Sabol – Alternate

Organizational Systems & Adult Health
COMMITTEES/FACULTY & STAFF MEMBERS

Process Improvement Committee (PIC)

Dr. Lyn Murphy & Laura Koo – Co-Chairs
Dr. Joan Davenport
Valerie Sabol
Sandra Ball

Technology Enhanced Instructional Resources Committee (TERC)

Dr. Louise Jenkins
Debbie Spunt
Dr. Mary Tilbury
Nina Trocky
Darryl Roberts - Alternate

HSHSL Advisory Committee:

Darryl Roberts - Chair
Dr. Carol Esche
Dr. Eun-Shim Nahm

CRCC – SON IRB

Dr. Barker Bausell
Dr. Erika Friedmann
Dr. Meg Johantgen
Dr. Sandra McLeskey
Dr. Keith Plowden

IRB – Campus

Dr. Thomasine Guberski
Dr. Sandra McLeskey
Dr. Sue Thomas

Student Affairs:

Dr. Vanessa Fahie – Chair
Dr. Joan Davenport
Conrad Gordon
Dr. Jane Kapustin

Organizational Systems & Adult Health
COMMITTEES/FACULTY & STAFF MEMBERS

Staff Council

Sandra Ball

SON Convocation Committee

Wendy Bridges

OSAH Faculty Search Committee:

Dr. Lyn Murphy – Chair

Dr. Susan Dorsey

Dr. Erika Friedmann

Dr. Louise Jenkins

Dr. Cindy Renn

Dr. Joan Davenport - Alternate

UNIVERSITY OF MARYLAND SCHOOL OF NURSING

NURSE ANESTHESIA FACULTY MEETING MINUTES

November 13, 2006

Attendees: Lou Heindel, DNP, CRNA
Matthew D'Angelo, CRNA, MS
Michelle Duell, CRNA, MS

I. CURRICULUM

- A. Class of 2008 Progress reviewed.
 - Discussed N623 papers.
 - Reviewed 2008 mid semester progress in all classes.
- B. Spring 2007 Lecture schedule finalized. Will have updated objectives complete December 15th, 2006.

II. CLINICAL

- A. 2006 Graduation Finalized. Invitations sent.
- B. 2007 Clinical Schedule Reviewed and tentative schedule given to students.
- C. Haggas/Anderson (06) initial review of the clinical experience at Washington County Hospital very positive.
- D. Discussed C. Bradley's personal issues. Heindel to follow up with department chair and graduate school.
- E. Clinical Issues:
 - Discussed clinical and didactic progress with Y. Manosalva. Will meet 11/20 to review exams and consider educational plan.

III. NEW BUSINESS

- A. Blackberry access.

UNIVERSITY OF MARYLAND SCHOOL OF NURSING

NURSE ANESTHESIA FACULTY MEETING MINUTES

January 4, 2007

Attendees: Lou Heindel, DNP, CRNA
Matthew D'Angelo, CRNA, MS
Michelle Duell, CRNA, MS

I. CURRICULUM

- Class of 2008 Progress reviewed. Class completed first semester of didactic. Two students were identified as at risk for academic probation due to low GPAs, J. Webster and D. Brant. Academic remedial plans discussed.
- Class of 2007 academic progress reviewed.
 - 1. Senior comprehensive paper requirement discussed.
 - a. Literature review of 5/6 articles on specific topic.
 - b. Review topics for accuracy and clarity.
 - c. 3-5 page paper
 - d. Rough draft to be completed by specified time and given to Matt.
 - e. Consider encouraging AANA journal entries.

II. CLINICAL

- A. 2006 Graduation completed.
- B. 2007 All students clinical progress discussed; reviewed daily clinical evaluations, end of semester evaluations. No significant weaknesses noted. Clinical site rotations reviewed. All students are in good status, progressed to clinical semester 3.
- C. 2008 clinical placements discussed. Students will have individual meeting with Michelle to determine initial clinical placements for July 2007.
- D. Discussed shadowing plan for 2008 students with 2007 students which will take place in March/April/May/June 2007.
- E. C.Bradley to start clinical at St.Agnes this month. Progressing well. Compliant with requests.

III. NEW BUSINESS

- A.Blackberry access is complete working on calendar access.
- B. Applicant Interview Process Discussed and Reviewed

- Interviews of applicants for Class 2009 will take place Jan.8-11, 2007.
- Discussed areas of improvement in the interview process.
 - 1) Send letters out instead of emailing prospective students that they are candidates for "interview".
 - 2) Send interview letters out on rolling basis as applications come to us completed.
 - 3) Once an application arrives to NAP office, one faculty member will review to determine if student is potential candidate. Makeba will begin flow sheet of prospective students as the applications arrive.
 - 4) November 15th is application deadline.
 - 5) Goal is to have interviews week of December 10-13.
 - 6) Applicants may establish interview date once they receive interview eligible letter.
 - 7) Develop relationship with admissions office to ensure all applicants are considered.

C. Graduation for Class 2007 discussed

- Suggest holding ceremony earlier in December, possibly the 5th

University of Maryland School of Nursing

MS Program Director's Meeting

September 26, 2006

Room: 535 Time: 10-12 PM

Present: Dr. Karen Kauffman
 Dr. Mary Tilbury
 Dr. Carol Esche
 Dr. Deborah McGuire
 Dr. Karan Kverno
 Dr. Lou Heindel
 Dr. Jane Kapustin
 Dr. Meg Johantgen
 Dr. Carol Snapp

Guest: Dr. Eun-Shim Nahm, Mr. Billy Best, Ms. Gail Doerr
 Ms. Anusche-Marie Chapman, Ms. Maria Vaidya

Absent: Ms. Valerie Sabol, Dr. Barbara Resnick, Dr. Judy Ozbolt,
 Dr. Tom Ambrosia, Dr. Michele Michael, Dr. Louise Jenkins

DISCUSSION	PERSONS RESPONSIBLE	DATE DUE
<p>Meeting called to order at 10:05 by Dr. Kauffman</p> <p>1. Office of Admissions</p> <ul style="list-style-type: none"> • Specialty Information- In House Sessions <ul style="list-style-type: none"> ○ Program Directors to discuss and market graduate programs to undergraduates ○ To be done during 1 hour forum ○ Difficult to find a free hour for every ○ Start with C/PH, Midwifery, Oncology, Psychiatric ○ Market and CNL program separately ○ Program Directors to answer "Frequently Asked Questions" (form attached) to be placed on the Web and used in packet for In-House Session ○ (See attachment) • ACTION <ul style="list-style-type: none"> ○ Program Directors to provide written answers for "Frequently Asked Questions." See form attached. ○ Marie will visit hospitals, other schools without nursing programs, etc. once a month to market graduate programs 	<p>Marie Chapman Billy Best</p>	<p>End of October</p> <p>To be continued</p>

<ul style="list-style-type: none"> • Additional discussion points: <ul style="list-style-type: none"> ○ CWO to be automatically assigned to student who does not have completed application (GREs) so course of study can begin sooner rather than later. ○ Admissions urged to immediately refer to Program Directors all students upon the beginning of their application process. ○ PDs requested that the GRE requirement for admission be looked at again. <ul style="list-style-type: none"> • ACTION: Karen will discuss with Tricia; Graduate School needs to be involved ○ Post Master's programs <ul style="list-style-type: none"> • Create for CNLs <ul style="list-style-type: none"> • ACTION: Gail and Carol will follow up • Slick sheets <ul style="list-style-type: none"> • ACTION: PDs to resubmit slick sheets to Cynthia • Other School's PM programs <ul style="list-style-type: none"> • ACTION: Karen will obtain list of post master's from our benchmark schools ○ PDs not familiar with changes in personnel and roles in Admissions <ul style="list-style-type: none"> • ACTION: Marie will send PDs list of names of staff, their phone numbers, and responsibilities 		<p>ASAP</p> <p>End of October</p> <p>Mid October</p> <p>ASAP</p> <p>ASAP</p>
<ul style="list-style-type: none"> • PDs requested that a virtual Open House be created <ul style="list-style-type: none"> ○ ACTION: Marie will discuss possibility with Pat Mitchell • PD request administration attach HIPPA for clinical placement requirement: HIPPA compliance policy clearance, drug sourcing, vaccinations. 		<p>ASAP</p>

[illegible]

<p>returning midwives to update practice</p> <ul style="list-style-type: none"> • CNL <ul style="list-style-type: none"> ○ Have 150 CNL Students in all phases ○ 46 entered this fall ○ Aim for 50 new admits /year ○ Revising program of study for the Fall 06 admits – to include winter session. ○ New plan of study for Spring 07 to be worked on ○ • Anesthesia <ul style="list-style-type: none"> ○ 63 FT students; 17 graduating in Dec ○ Completion ceremony will be in December ○ Certification exam in Jan/Feb ○ Added 3 clinical sites; total 15 now ○ Dr. Jane McCarthy – CRNA Phd-volunteering with curriculum ○ 33 students attended conference in Cleveland Our of 3000 attendees, 1300 were students. ○ National Association is promoting growth of programs; nurse anesthetists aging; average age of our student 35 ○ Accreditation – visit in April/May • ANP <ul style="list-style-type: none"> ○ 2nd year that admission numbers increasing ○ Shady Grove - 9 dedicated ANP students ○ Predicting 35-40 in coming students. ○ Didactic course on-line ○ Gerontology infused with ANP ○ DNP = admitted 25 students- 19 entered; 2 deferred Doris and Sally retired • Psych <ul style="list-style-type: none"> ○ Fatima moving ○ 50% faculty left ○ 25 students in diagnostic course ○ 44 students all together ○ Hopkins recruiting neuropsychiatric 	<p>Carol Esche</p> <p>Lou Heindel</p> <p>Jane Kapustin</p> <p>Karan Kverno</p>	
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<p>nurses</p> <ul style="list-style-type: none"> ○ Started new curriculum <ul style="list-style-type: none"> • Oncology <ul style="list-style-type: none"> ○ Blended role with PC, ACNP and GNP ○ Increasing numbers; total 20 in Feb ○ 2 students awarded ACS Scholarship ○ Christina Engstrom- new PT faculty ○ Awarded grant from Komen Foundation – MD Chapter • Clinical Research Management <ul style="list-style-type: none"> ○ Trying to figure out CRM ○ Determining where students are in curse work ○ HRSA aware of situation ○ Need to recruit • Old Business <ul style="list-style-type: none"> ○ PDs reminded to: <ul style="list-style-type: none"> • Develop strategic plan • Create Advisory Board <p>ACTION: Karan Kverno and Karen Kauffman will send out copies of their respective program Strat Plans</p> <ul style="list-style-type: none"> • HIPPA <ul style="list-style-type: none"> ○ Students receive instruction in NURS 622 ○ Need to develop certification of competition of Web course ○ Policy needs to be put Graduate Handbook <p>ACTION: Karen will follow up.</p> <ul style="list-style-type: none"> • Further discussion <ul style="list-style-type: none"> ○ PDs requesting administrative support for clinical placements and adherence of requirements needed by clinical sites; i.e., HIPPA compliance, criminal checks, drug screening, vaccinations, etc. <p>NEXT MEETING: October 18, 1-3, room 535</p>	<p>Deborah McGuire</p> <p>Meg Johantgen</p>	
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PROGRAM DIRECTORS' MEETING
January 29, 2007

Present:

Karen Kauffman
 Karen Johnson, guest
 Gail Lemaire
 Judy Ozbolt
 Jane Kapustin
 Debbie McGuire
 Michele Michael
 Valerie Sabol

Excused:

Todd Ambrosia

Carol Esche
 Mary Tilbury
 Meg Johantgen
 Lou Heindel
 Karen Clark
 Barb Resnick (phone)

ISSUE	DECISION/DISCUSSION
Minutes 11/16/06	Minutes were approved with minor corrections.
NPHY 612 Evaluation	<p>Karen Johnson presented evaluation of NPHY 612 taught in Fall 2006 as a very large seminar (167 students). Approximately 85% of students received an A or B. Student comments included:</p> <ul style="list-style-type: none"> -increase the number of exams -integrate more content through the lifespan -decrease the size of the class <p>The group discussed the advantages and disadvantages of offering the course in both the spring and the fall semesters.</p> <p>Action: The course will be enhanced to include more lifespan content and 4 exams will be given. The group reached consensus that the course should be offered both semesters and this recommendation will be discussed with Dr. Yocom.</p>
Slick Sheet/web page	<p>Karen Kauffman discussed the difficulty in keeping the slick sheets and web pages updated. A template is being developed and update procedures will be developed.</p> <p>Action: Send Karen Kauffman any changes in slick sheets for programs or for certificates.</p>
Student resources	<p>Dr. Kauffman asked for input in response to a request from the Graduate School to identify additional resources that are needed to support students. The group discussed ESL student support and the usefulness of peer tutors but a lack of a systematic approach to organizing peer tutors and paid tutors. Karen Clark described the program at Shady Grove and suggested that having a single person accountable has worked well.</p> <p>Action: Karen Kauffman will call the individual at Shady Grove who coordinates these services.</p>
Masters' Programs Steering and Evaluation Group	<p>Michele Michael reported on the activities of the Masters' Programs Steering and Evaluation Group. The group is meeting twice monthly and is still gathering documents related to utilization, finance, and market demand.</p> <p>Action: Program Directors should submit any information that is specific to their program (e.g., certification requirements, market trends, etc.).</p>

ISSUE	DECISION/DISCUSSION
GRE Requirements Grad Clinical Placement Coordinator	<p>The group discussed the recommendation from the November meeting to waive the GRE requirement for MS students who have a GPA of 3.5 or higher and for RN to MS students. Several program directors thought that this was inconsistent and the waiver should be applied across all MS students. Karen Kauffman also noted that Registration is still not accepting students without GREs.</p> <p>Action: Karen Kauffman will follow-up with Registration and with Administrative Council.</p>
Accreditation	<p>Karen Kauffman reminded the Program Directors to begin to prepare for the AACN accreditation review in 2010.</p> <p>Action: Program Directors should go to the AACN web site and review standards.</p>
Admission deadlines	<p>Valerie Sobol asked the group to again consider the admission deadline. Many members described the challenges in trying to admit students the week classes begin. Students are angry, faculty are unable to accommodate on the spot reviews, and courses are closed. Concerns were also expressed about the fact that student applications were apparently misplaced in Admissions Office. There was overwhelming consensus that a August 1st/ December 1st deadline for the application packet to be completed is not unrealistic. The accountability should be on the student to make sure the packet is complete and everyone involved must stick to the deadline.</p> <p>Action: This topic should be discussed at the next Department meetings and recommendations should be brought to the next meeting.</p>
Next meetings	<p>While the 4th Monday 3-5 pm seemed to be a good time for the meetings, alternative times were considered. The following meetings were scheduled on Thursday 2-4 as this seemed to fit schedules:</p> <p>February 22, 2007 March 29, 2007 (5th Monday since Spring Break) April 26, 2007</p>

Recorded by Meg Johantgen 1/29/07

Attachments:
NPHY 612 Evaluation Reports

**CURRICULUM MEETING
OCTOBER 9, 2006
ROOM 435**

MEETING NOTES

Present:	Michele Michael	Karan Kverno
	Lou Heindel	Karen Kauffman
	Todd Ambrosia	Catherine Salam
	Carol Esche	Joseph Proulx
	Gail Lemaire	Patricia Morton

Guest: Cara Krulewitch

TOPICS	DECISION/DISCUSSION
Minutes	Minutes were approved as read. Committee members will be responsible for recording minutes of Master's/DNP meetings.
Health Services/Leadership	Dr. Proulx (for Dr. Tilbury) presented changes to the practicums in health services leadership and management. NURS 694 and NURS 766 were being combined into one practicum – NURS 695. The change goes into effect Spring 2007. There will be no credit alteration. NURS 695 will include field experiences. The change was approved. The “slick sheets” will be updated to reflect these changes. The Change in Existing Forms has been given to Dr. Kauffman for submission to the Graduate School.
Clinical Nurse Leader	Dr. Lemaire and Dr. Esche presented changes to the CNL plan of study based on the desire to maximize the students' successful achievement of the program's objectives. The following changes were proposed: a.) move NURS 736 Informatics to the Winter session; b.) move NURS 508 Community Health Nursing to the

	<p>last semester of the program; c.) move NURS 514 to the second semester of the program (it had been in the third (summer) semester; d.) move NURS 509 Nursing Care of the Childbearing Family to the third (summer) session, and e.) move NURS 701 to the second semester.</p> <p>Following discussion, the revised changes were approved for Fall, 2006 cohort. Fall 2006 students have option for extended FT plan of study and graduate Spring 2008. Any student admitted in Fall 2006 in academic jeopardy is mandated to go to extended FT. study.</p>
Midwifery	<p>Catherine Salam and Cara Krulewitch (for Dr. Snapp) presented NRS 729: Midwifery Primary Care Practicum I, NRS 717: Ambulatory Midwifery, NRS 708 Introduction to Intrapartum Midwifery and NURS 779 Intrapartum Midwifery for approval. The proposed plan of study for the combined FNP/Nurse Midwifery program was also presented.</p> <p>Following discussion, the FNP/Nurse Midwifery plan of study was approved and the new midwifery courses were approved pending syllabi revisions.</p>
Psychiatric/Mental Health	<p>Dr. Kverno presented the Psychiatric Post Masters Plan of Study. Discussion followed and the Plan of Study was approved.</p> <p>Dr. Kverno also proposed eliminating the following courses: NURS 661 Clinical Diagnosis of Psychopathology; NURS 662 Therapeutic Approaches: Child and Adolescent, and NURS 663 Therapeutic Practicum: Child and Adolescent were sent to the Graduate School; Discussion followed. The elimination of the above courses was approved effective Fall, 2006 and the appropriate paperwork will be sent to the graduate school.</p>
Doctor of Nursing Practice	<p>Dr. Morton announced that the DNP Committee continues to meet biweekly. During the last meeting, the credits for the Biostats course were increased from three to four credits. The elective credit was decreased from four to three so that the</p>

	total number of credits for the DNP program remained unchanged (38). The syllabus for that course will be sent to the Master's/DNP Committee next month for review and approval.
Master's Evaluation	Dr. Morton and Dr. Kauffman discussed the need to put together a task force to begin reviewing and evaluating the MS specialties. A list of potential members suggested by faculty and the curriculum committees will be sent to Dr. Allan. Dr. Michael will co-chair the task force along with Dr. Morton and Dr. Kauffman.

Respectfully Submitted
Michele Michael PhD, CRNP
Secretary Pro Tem

University of Maryland
School of Nursing
Curriculum Committee Meeting
Minutes
December 11, 2006

Present: Dr. Michele Michael, Dr. Claudia Smith, Dr. Rebecca Wiseman, Dr. Gail Lemaire, Dr. Karan Kverno, Dr. Karen Kauffman, Dr. Trisha Morton, Dr. Carol Snapp, Dr. Lou Heindel.

Absent:

Dr. Michele Michael, Chairperson, called the Curriculum Committee meeting to order at 1pm.

AGENDA ITEM Topic/Report	DISCUSSION	ACTION
Minutes from Nov. meeting	Minutes were approved with the following corrections: 1. CNL program. Students admitted Fall and Spring 06 will be encouraged to take a three credit elective in lieu of taking NURS 622.	Revised minutes will be circulated with revisions in bold.
Bylaws Committee	Dr. Michael reported that Dr. Guberski asked all Chairs to review bylaws and submit to the Committee by January.	Recommended that we discuss the bylaws at the Jan. meeting.
Curriculum Committee	Dr. Michael recommended that the Committee broaden its work. We spend so much time focusing on the details of course syllabi and there is much more we could be doing. Discussion related to the process of reviewing and approving syllabi: 1. We may want to mandate that courses are evaluated and periodically reviewed by the Curriculum Committee. 2. One option is to make little work groups (we used to assign 2 faculty per syllabi) that would review syllabi rather than involve the whole committee for each submission. 3. If all the kinks could be worked out by the small groups, then the full committee could focus on the substance. 4. Template: the Grad. School is now requiring more info. and all syllabi should follow the standard template. 5. Grad. School Council meets every 3 rd Wed. & minutes are posted by the next week	Dr. Smith will recommend some readings

	on the UMB website of the Grad. School.	
AGENDA ITEM Topic/Report	DISCUSSION	ACTION
CNL Program	Dr. Joan Davenport is interested in developing a course for the CNLs for this spring. She will not need Grad. School approval to run the course once.	Drs. Lemaire and Esche will preview the course and then send it to Dr. Michael.
Attendance at Meetings	Is there a need to have all faculty at the Big C. meeting? Do we need a Big C. every month? The Big C is the only committee that can approve curricula.	If we don't all need to attend, Dr. Michael volunteered to go as the representative from the Master's Curriculum Committee
N665	Dr. Kverno presented the changes based on previous Committee review.	The syllabus was approved unanimously with the recommendation to consider changing the evaluation tool to show required improvements in competencies over time.

DNP Program NDMP 807	DNPs are required to meet competencies in information systems. Dr. Marisa Wilson presented course: NDMP 807. Recommendations: Reformulate the wording of the objectives so that the students have the opportunity to meet the objectives. Consider reducing the required readings for week 1. Describe how class participation will be evaluated.	
DNP Program NDNP 802	Presented by Dr. Morton. The course was increased to 4 credits. Recommendations: 1. Take out the Pre-req. paragraph and change to "students must take masters level biostat course and pass pre-test. 2. Assignment #4 Part 2: Plan, implement, and evaluate in 1 semester needs to be reviewed for reality – seems like too much. Include grading criteria. 3. What is the doctoral part above and beyond master's degree? 4. Muddled research design, program planning. 5. Problem: overview is OK but objectives don't seem to match.	Not approved. Make changes and resubmit. Clarify role in overview. What is the doctoral (higher level) of program planning.

AGENDA ITEM Topic/Report	DISCUSSION	ACTION
DNP Program	Presented by Dr. Morton.	Add readings and HIPAA
Capstone II	Reading – lacking required readings on EBP.	
PNP Program	Dr. Mueller-Burke and Maria Vaidya attended to present their views and recommendations. 1. They proposed bringing neonatal PNP into the Pediatric Advanced Practice graduate program. 2. There is no neonatal program in the five state area. 3. Funding: Children's Hospital offered physical space. 4. 15 students are interested. 5. They are hoping to offer a program for Fall '07.	They will return at a future date to present documentation, business plan, and needs assessment.
CNL Program Extended Option	Drs. Lemaire and Esche are urging students with provisional status to take extended option (7 semesters).	Committee re-affirmed sample plan of study.
CNL Program Full-time Regular Option	N507 is going to be modified to be appropriate for 1 st semester and to be non-redundant with N622.	Approved Spring 07 full-time Plan of Study. Dr. Smith also suggested that the sample plans of study be distributed to faculty for their input.
NRSG 634	Dr. Lemaire was not able to present the changes due to time.	Dr. Michael will distribute to the Committee by email for a vote.
Adjournment	The Chair, Michele Michael, adjourned the meeting at 3:20pm.	

Respectfully submitted,

Karan Kverno, PhD, CRNP-PMH

Program Director: Psychiatric and Mental Health CNS/NP programs.

University of Maryland
School of Nursing
Curriculum Committee
Minutes
September 25, 2006

Members Present: Ms. Laura Koo	Dr. Mary Tilbury(ex officio)
Dr. Kenneth Rempher (Alumni)	Dr. Sue Thomas (ex officio)
Dr. Joseph Proulx	Dr. Michele Michael
Ms. Lily Fountain	Dr. Tricia Morton (ex officio)
Ms. Brigid VanGraafeeland	Ms. Laura Petri (Student)
Dr. Debbie McGuire	Dr. Meg Johantgen
Dr. Carol Esche	Ms. Susan Antol
Dr. Carol Snapp	Dr. Lou Heindel
Dr. Rebecca Wiseman	Dr. Claudia Smith
Dr. Karen Kauffman (ex officio)	Dr. Chris Ward
Dr. Thomasine Guberski, Chair	

Members Excused: Dr. Allison Trinkoff	Dr. Marianne Shaughnessey
Dr. Jeff Johnson	Dr. Jane Lipscomb

Topic	Discussion/Action
Curriculum meeting, May 18, 2006	Unapproved minutes were circulated for informational purposes. The meeting was held to review outcomes of program implementation from >1 year ago. Changes to the traditional BSN program (325) were planned for Spring '07 but have not been made as there has not been a course coordinator named.
Undergraduate Curriculum Committee	The report was accepted as presented. For 16 No 0
Masters and DNP Subcommittee	there was a question regarding the CNL changes that were presented to the Undergraduate Curriculum committee. It was clarified that the changes were a discussion and no action was taken. The report was accepted as presented. For 16, No 0.
CNL evaluation	There is an overall national evaluation of CNL programs

planned. The coordinators were reminded that the evaluation plans were to be discussed by the masteres and DNP subcommittee and by the full curriculum committee. A report will be forthcoming but no definite date was set.

PhD program

The first meeting is scheduled for October. It was brought to the attention of the curriculum committee that the by-laws changes for the PhD subcommittee were missed in the recent by-laws revision. The functions/tasks for the coming year will be centered on the admissions process. The admissions committee is an advisory committee to the PhD subcommittee regarding admissions and progressions issues. The admissions interviews will be held on February 12. The PhD subcommittee will be developing guidelines for when faculty are students in the program. It was suggested that the Masters/DNP subcommittee also oversee the development of guidelines for faculty in the DNP program.

DNP task force

This task force needs to be formalized and become part of the Masters/DNP committee as an official subgroup. No action was taken today. This will be referred to the Masters'/DNP subcommittee.

Future committee issues

Should the membership for the full committee and its functions remain the same?

How will programs evaluation be done?

What are the major curriculum
issues that should be addressed and
discussed this year?

Respectfully submitted,

Thomasine D. Guberski, PhD, CRNP
Chair

University of Maryland
School of Nursing
Curriculum Committee
Minutes
November 27, 2006

Members Present:

Dr. Thomasine Guberski, Chair	
Dr. Debbie McGuire, Chair Doctoral Sub-Committee	
Dr. Michele Michael, Chair Masters/DNP Sub-Committee	
Ms. Susan Antol, Chair Undergraduate Sub-Committee	
Dr. Tricia Morton (ex officio)	
Dr. Karen Kauffman (ex officio)	
Dr. Mary Tilbury (ex officio)	
Ms. Debra Spunt	Dr. Karen Kverno
Dr. Chris Ward	Dr. Carol Snapp
Ms. Catherine Salam	Dr. Rebecca Wiseman
Dr. Gail Lemaire	Dr. Carol Esche
Dr. Meg Johantgen	→ Dr. Lou Heindel
Dr. Joseph Proulx	

Members Excused:

Dr. Allison Trinkoff	Dr. Marianne Shaughnessey
Dr. Jeff Johnson	Dr. Jane Lipscomb
Dr. Sue Thomas (ex officio)	Dr. Vanessa Fahey
Dr. Kenneth Rempher (Alumni)	

Topic	Discussion/Action	Responsible Person
The meeting was called to order by Chair Dr. Guberski.		
Approval of agenda	Unanimous	
Review of Minutes	Minutes of the September 24 th meeting approved with corrections. Motion: Dr. Wiseman, seconded Ms. Salam, unanimous Minutes of the October 23 rd meeting deferred; will be sent out for e-mail review and approval.	Dr. Guberski
Subcommittee Reports:		
Doctoral	<ul style="list-style-type: none"> Met 11/6/06 and reviewed and proposed changes for bylaws to increase the number of members and more clearly delineate the qualifications. (see attached). These proposed changes will be submitted to Faculty Council and if approved, to the All-School Assembly in December. Dr. Morton suggested that the proposed changes be revised in the 	Dr. McGuire

	<p>for the course is a genogram of student's family. The syllabus should be revised to include confidentiality rights and privileges, according to Dr. Ann Mech, present at the meeting. This revision should be made prior to the next meeting.</p> <ul style="list-style-type: none"> • Dr. Kverno presented N664/665. She will make revisions to the syllabi and return in December. • Drs Esche & Lemaire presented the follow-up on redundancy of content between N507 and N622. For Fall '06 & Sp. '07 admits a 3 cr. Elective will be substituted for N622. They will be reviewing content with Drs Wozenski, Mech, Davenport and Kelleher in order to eliminate duplication in content. Dr. Guberski suggested that all who are involved in teaching either of the 2 current courses be asked to give input into the review. They will bring their recommendations to Master's Sub-committee in December. • The Masters Steering Committee has been formed and will begin reviewing the graduate programs. They will meet December 4th, and also plan to have an all day retreat in the new year. • Subsequent to discussion, it was requested by the members of the Curriculum Committee that the Master's Sub-committee discuss the content of the post-master's requirements. For example, do the CNL's need to take N659? How will the requirements of certification exams be met? How many courses need to be taken at the UMSO in order for the certificate to be granted? <p>The Master's Sub-committee report was accepted unanimously.</p>	
Undergraduate Sub-committee	<ul style="list-style-type: none"> • The subcommittee met 11/20/06 and approved revisions to N325, Context... which will be decreased to 2 cr. Assignments will be changed to 2 media reports, each worth 20% of the grade. This change applies to the traditional BSN and RN to BSN programs. The CNL program N507 will remain at 3 cr. • N330 will increase to 7 cr for BSN students 	Ms. Susan Antol

UNIVERSITY OF MARYLAND SCHOOL OF NURSING
CURRICULUM MEETING
JANUARY 22, 2007
ROOM 470

MEETING NOTES

Present: Susan Antol, Thomasine Guberski, Lou Heindel, Meg Johangten, Karen Kauffman, Gail Lemaire, Patricia Morton, Mary Tilbury, Catherine Salaam, Rebecca Wiseman

Guest: Barker Bausell

TOPICS	DECISION/DISCUSSION
Minutes	<p>The October 2006 minutes still need to be approved. The minutes will be sent to the Chairs of the Sub-committees.</p> <p>The November 2006 minutes were reviewed. Dr. Guberski moved that the minutes be accepted with corrections. Karen Kauffman seconded the motion. The minutes were approved with one correction.</p>
Program Evaluation	<p>Dr. Bausell presented an overview of the current Program Evaluation . Topics included : Purposes of Curriculum Evaluation, Time Points, Stakeholders, Currently Collected Data, Occasionally Collected Data and Potential Data Sources.</p> <p>Dr. Bausell was asked to provide information from the Program Assessment Questionnaire to the Curriculum Committee</p>
Subcommittee Reports	<p><i>PhD Committee:</i> Dr. Johangten</p> <ul style="list-style-type: none"> • The PhD faculty held a retreat on January 8, 2007. The following topics were discussed: <ol style="list-style-type: none"> 1. Option to accept manuscripts in lieu of traditional dissertation chapters 2. Evaluation mechanisms and ways to to improve how data is collected and evaluated. • The committee is proposing a change to the bylaws to increase representation to 6 regular members to the committee. The potential faculty who would be eligible would have to have familiarity with the PhD program. A motion was made that these

	<p>proposed changes be approved. Karen Kauffman moved that the motion be approved and Mary Tilbury seconded the motion. The committee voted to accept the motion. The proposed bylaws changes will be forwarded to the Faculty Council.</p>
<p>Masters/DNP subcommittee report</p>	<p style="text-align: center;">December</p> <p>The following agenda items were discussed at the December 11, 2006 meeting:</p> <ol style="list-style-type: none"> 1) Dr. Davenport would like to create an elective for the CNL students. Time is of the essence. The sub-committee allowed that the chair could approve the course syllabus, which would allow the course to be taught in Spring07: 2) NURS 665 was reviewed. The recommendation was made that the syllabus be approved with the caveat that the CET show required improvements in competencies over time; 3) NDNP courses 807 (Informatics), 802 (EBP stats course) and Capstone II were reviewed by the committee. The recommendations were made to approve NDNP807 with changes and to request NDNP 802 make syllabi changes and resubmit to the committee. Capstone II needed to make syllabus changes around required readings and HIPPA statement; 4) Dr. Mueller-Burke and Maria Vaidya presented a plan that would reactivate the NNP program as part of the Advanced Practice Pediatric graduate program. Dr. Burke and Ms. Vaidya are investigating funding sources. Currently there are 15 students interested in the NNP program. 5) The committee reaffirmed the CNL sample plan of study for extended option and approved Spring 07 full-time plan of study;

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| | <ul style="list-style-type: none">6) NURS 634 will be distributed via email for review and voting. There was not enough time to review the course during committee time.7) Ongoing discussion regarding role of Master's/DNP subcommittee and ways to expedite syllabi review and refocus committee work on evaluation and program outcomes. |
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January

The following agenda items were discussed at the January 8, 2007 meeting:

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| | <ul style="list-style-type: none">1) Dr. Lemaire discussed NURS 507 and the positioning of CNL content. Cohorts Fall 06 and Spring 07 will not have received certain CNL content. To correct this deficit, CNL content will be added to NURS 523, NURS 507 will be reviewed by the CNL Program Directors as well as coordinators of NURS 523 and NURS 525 for inclusion of relevant CNL content. The plan is to complete this review by Spring 07 and have the appropriate curriculum committees approve the changes and send the new syllabus to the Graduate School by May 07. The subcommittee recommended that the changes to NURS 507 be approved and the added content to NURS 523 be approved;2) Dr. Tilbury and Dr. Proulx would like to revise the course requirements for NURS 525. They will send the revised changes along with the current requirements to the subcommittee in February3) Dr. Davenport will send her CNL elective syllabus to Dr. Michael for review and approval in an attempt to expedite this procedure and ensure the course will be offered in Spring 07;4) NURS 634 was reviewed by email and recommended for approval, and5) Committee members continued to discuss the effectiveness of the subcommittee, ways it could focus more on substantive issues and how it could expedite syllabi review in |
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	<p>a more user friendly way.</p> <p>Dr. Tilbury made the motion to accept the report. The report was accepted by the membership.</p>
Undergraduate Subcommittee report	<ol style="list-style-type: none"> 1. Plan of Study for Spring 2007 Admits was presented by Dr. Plowden. Clarified that for Spring 2007 only, NURS 325, Context I will be 1st semester, at 2 credits, and NURS 405, Informatics, will be 2nd semester. 2. Dr. Plowden informed committee that admissions and Gail Doerr will undertake more targeted recruitment of students for UG program 3. Approval of Course Revision (pending submission of recommended modifications) including course content, outline, grading and assignments for NURS 325, Context I by Dr. Linda Hickman. This course will decrease to 2 credits effective Spring 2007. Dr. Hickman to complete grading criteria for Interview and chair will circulate final document for review and vote by e-mail. 4. Discussion of suitability of NURS325 for RN-BSN's/ redundancy with 425: Discussed that this was added in curriculum revision due to entry into practice issues, need to socialize AD and diploma nurses to CNL role and issues raised by the Maryland Association of Nurse Executives. RN-MS take NURS 622 in lieu of NURS 425. 5. Committee member attendance at "Big Curriculum Committee" at least 2 members of UG curriculum committee will attend each month's Curriculum committee, members should rotate. 6.. Follow/up and next steps for NURS 418, Co-Morbidities and Complex Patient Care. Dr. Joan Davenport withdrew undergraduate course and will submit a Master's level course to Graduate Curriculum subcommittee (Nurs 628) for Spring 2007. An undergraduate elective version will be submitted to the UG subcommittee at a

	<p>later date.</p> <p>7. UG Course coordinator representation on UG Curriculum Committee and By-law changes for Shady Grove representative to be addressed in February meeting, Proposed by-laws language needs to be written and submitted to Faculty Council for May 2007 vote. Need to address Course coordinator representation/ election process as it is negatively affecting a quorum.</p> <p>8. Student evaluation/ feedback on clinical experience: Will set workgroup meeting for Jan/ February. Workgroup will consist of Dr. Esche, Catherine Salam, Beth Helm and Susan Antol. Susan will check with Lily Fountain, who had expressed interest in past and invite Dr. Barker Bausell.</p> <p>9. Undergraduate Program Evaluation of New Curriculum- The entire UG CC will meet on Wednesday January 17, 2007, 9-3 pm in room 635. Will summarize current course content, then ask Dr. Bausell for specific evaluation reports.</p> <p>The report for the Undergraduate Curriculum Retreat and Concept Mapping are included at the end of this document.</p> <p>Dr. Kauffman made the motion to accept the report. Motion approved.</p>
Question re: CNL students on academic probation	<p>Dr. Tilbury asked a question about CNL students who were admitted in September 2006 and who have been placed on academic probation.</p> <p>Dr. Lemaire stated that there were 5 students known to be on probation</p> <p>Students in academic jeopardy are automatically placed on the extended program for the CNL. This extended program has been approved by the Curriculum Committee .</p> <p>Currently there is a discrepancy on the SON website. Dr. Lemaire is working to have to have this corrected.</p>

Respectfully submitted

Rebecca Wiseman, PhD, RN

Undergraduate Curriculum Committee Content mapping meeting

January 17, 2007

Present: Dr. Carol Esche, Dr. Carol O'Neil; Dr. Vanessa Fahie; Mr. Conrad Gordon; Ms. Jana Goodwin, Ms. Catherine Salam, Ms. Elizabeth Helm, Ms. Susan Antol

Excused: Dr. Gail Lemaire; Ms. Laura Warnock Koo; Ms. Brigit Vangraafeiland

Agenda:

Map Content in Core Undergraduate Courses against NCLEX Blueprint and the AACN Essentials Baccalaureate Education

Make recommendations regarding the course content omissions

Identify next steps

Set next steps for Evaluation Undergraduate Curriculum Effectiveness

I. Courses mapped were :

Nurs 330 Medical-Surgical Nursing
Nurs 331 Gerontological Nursing
Nurs 333 Health Assessment
Nurs 304 Fundamentals of Nursing
Nurs 315 PathoPharmacology
Nurs 308 Nursing Care of Children
Nurs 402 Psychiatric/ mental Health Nursing
Nurs 325 Context of Health Care Delivery I
Nurs 403 Community Public Health Nursing
Nurs 407 Nursing Care of the Childbearing Family
Nurs 425 Context of Health Care Delivery II
Nurs 487 Senior Practicum

Content was mapped against the NCLEX Blueprint, which includes 4 Major Categories of Patient Needs:

1. Safe and effective Care Management
2. Health Promotion and Maintenance
3. Psychosocial Integrity
4. Physiological Integrity

And 4 Integrated Processes across all 4 client needs categories – Nursing Process, Caring, Communication and Documentation, and Teaching learning

Content was mapped on a grid under specified courses using the codes I = Introduced, A= application, P= Primary responsibility for course content and S = Synthesis.

Findings: The majority of the content is introduced in the 1st semester- Nurs 325, Nurs 333, Nurs 304 and Nurs 315, with the primary responsibility for content placed

in the clinical courses. As early as the 2nd semester, content for which the course is primarily responsible is being taught and applied by student. Synthesis occurs primarily in the 4th semester.

In conclusion, the course content of the mapped courses is reflective of the NCLEX Blueprint.

Recommendation: Evaluation of the impact of moving NURS 325 to semester 2 in Fall 2007 will need to occur.

Other Categories reflected on the NCLEX Plan Grid from April 2005 Mapping exercise revealed the following weak links in the course content/ curriculum:

Culture/ Cultural Competency

Critical Judgment/ Reasoning

Evidence Based Practice

Image of Nurses and Nursing

Teaching Learning

Catherine Salam drew these as threads crossing all 3 levels in the undergraduate curriculum model.

Next steps:

1. Report need to implement the above identified threads through the UG curriculum to Dr. Keith Plowden, Assistant Dean for Undergraduate Studies.
2. Place on Agenda of Feb 19 Undergraduate Curriculum Committee Meeting for discussion, recommendations and approval.
3. Report Plan to Curriculum Committee 2-16.
4. Share plan and engage course coordinators in next steps for integration into courses. Identify opportunities in courses for integrating threads. Address syllabi modifications in committee as needed.
5. Explore AACN Essentials Documents for any updated recommendations re: above defined threads.
6. Provide Faculty Development for course coordinator and teaching faculty on model, resources and integrative teaching methods for addressing content.
7. Provide student orientation to curriculum model, including threads
8. Explore and roll out additional creative teaching methods to engage students and faculty as part of strategic plan.

Curriculum Effectiveness Evaluation opportunities will be addressed by inviting Dr. Bausell to the March 2007 meeting to discuss reports available to evaluate the effect of curriculum revision. The 1st BSN cohort graduates under the Curriculum revision in Spring 2007. Some RN-BSN's have graduated under the new curriculum in December 2006.

Respectfully Submitted<
Susan Antol

Enclosure 4 CVs and Position Descriptions

- NAP faculty CV
- Clinical Coordinators CV
- Positions Descriptions
 - Program Director
 - Assistant Director
 - Clinical Director
 - Clinical coordinator

Lou Heindel, DNP, CRNA

PERSONAL

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Montgomery Village, Maryland 20886
240-506-4590
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PROFESSION:

Assistant Professor and Director Nurse Anesthesia Program
University of Maryland School of Nursing
655 West Lombard Street Rm. 365D
Baltimore, Maryland 21201
heindel@son.umaryland.edu

EDUCATION:

- August 1995 **Doctor of Nursing Practice (DNP)**, Rush University,
College of Nursing Chicago, Illinois
- June 1994 **Master of Science**, Rush University,
College of Nursing Chicago, Illinois
- October 1992 **Master of Art, Business Administration**
Webster University St. Louis, Missouri
- September 1982 **Certified Registered Nurse Anesthetist (CRNA)**
St. Francis Medical Center LaCrosse, Wisconsin
- June 1980 **Bachelor of Science (BSN)**, University of Wisconsin
College of Nursing Madison, Wisconsin

PROFESSIONAL EXPERIENCE (Civilian):

- Aug 2005 – present **Assistant Professor and Director Nurse Anesthesia Program**
University of Maryland School of Nursing
Baltimore, Maryland 21201
- Aug 2006 - present **Staff CRNA Part-time**
Johns Hopkins Bayview Hospital
4940 Eastern Avenue.
Baltimore, Maryland 21224
- Jul 2004- Aug 2005 **Independent CRNA Locums-tenens**
Maryland, Virginia and Washington DC
- Jan 2003- June 2004 **Staff CRNA Part-time OB Anesthesia**
Paradise Valley Hospital
2400 East Fourth Street
National City, CA 91950
- Jan 1999 – Sept 2005 **Staff CRNA Part-time**
Montgomery General Hospital
18101 Prince Philip Drive
Olney, MD 20832

Nov 1987-Aug 1990 **Staff CRNA Part-time**
Shock Trauma/University of Maryland Medical Center
11 S. Paca Street
Baltimore, MD 21201

Nov 1993- Aug 1995 **Staff CRNA Part-time**
Burlington Memorial Hospital
252 McHenry Street
Burlington, WI 53105

PROFESSIONAL EXPERIENCE (Military):

Dec 2002 - June 2004 **Senior Nurse Executive (Director of Nursing Services)**
Naval Hospital
Camp Pendleton, California

Sept 1999 - Dec 2002 **Program Director**
Navy Nurse Corps Anesthesia Program,
Naval Medical Education
Command, 8901 Wisconsin Ave
Bethesda, Maryland 20889

June 1998-Sept 1999 **Deputy Director**
Navy Nurse Corps Anesthesia Program
Naval Medical Education Command
8901 Wisconsin Ave
Bethesda, Maryland 20889

Aug 1995-June 1998 **Department Head, Clinical and Research Coordinator**
Navy Nurse Corps Anesthesia Program
Naval School of Health Sciences
San Diego, California

June 1993-Aug 1995 **Full-time Doctoral Student**
Rush University
College of Nursing
Chicago, Illinois

Sept 1990-June 1993 **Staff Anesthetist**
Naval Hospital
Beaufort, South Carolina

Dec 1988-Sept 1990 **Clinical Instructor/ Staff Anesthetist**
National Naval Medical Center
Bethesda, Maryland

Aug 1987-Dec 1988 **Medical Programs Manager**
Naval Recruiting Command
Washington, DC

Aug 1985-Aug 1987 **Head, Anesthesia Department**
Naval Hospital
Keflavik, Iceland

Oct 1982-Aug 1985
Naval Medical Center
San Diego, California

Clinical Instructor/ Staff Anesthetist

PROFESSIONAL PUBLICATIONS:

Heindel LJ. AHCPR Pain Management Guidelines: Implications for Nurse Anesthetists, *CRNA The Clinical Forum for Nurse Anesthetists*, 1997; 8 (3): 94-100.

Faut-Callahan M., and **Heindel LJ.** Pain Management. In Waugaman, WR., Foster SD., and Rigor BM. (Eds.), *Principles and Practice of Nurse Anesthesia*, 1998; (3rd ed.), 703-729. Stamford, Connecticut: Appleton & Lange.

Celeski DC., **Heindel LJ.**, Haas, J. and Vacchiano CA. Effects of Intrathecal Fentanyl Dose on the Duration of Labor Analgesia. *Journal of the American Association of Nurse Anesthetists*, June 1999, 67, (3): 239-244.

Berry JS. and **Heindel LJ.** Evaluation of Lidocaine and Tetracaine Mixture in Brachial Plexus Nerve Block. *Journal of the American Association of Nurse Anesthetists*, August 1999, 67, (4): 329-334.

Roussel JR., **Heindel LJ.** Effects of Intrathecal Fentanyl on Duration of Bupivacaine Spinal Blockade for Knee Arthroscopy. *Journal of the American Association of Nurse Anesthetists*, August 1999, 67, (4): 337-343.

Sandie C. and **Heindel LJ.** The Knowledge and Attitudes of Nurses Regarding Postoperative Epidural Analgesia. *Journal of the American Association of Nurse Anesthetists*, October 1999, 67, (5): 455-460.

ABSTRACTS:

Hirter J. and **Heindel LJ.** Evaluation of Lidocaine and Tetracaine Mixture in Brachial Plexus Nerve Block. *Journal of the American Association of Nurse Anesthetists*, 1997, 65, (4): 387-388.

Gall S., White R. and **Heindel LJ.** Sciatic Nerve Block for Foot Surgery: Single versus Double Injection Technique. *Journal of the American Association of Nurse Anesthetists*, 1998, 66, (4): 402.

Johnson CN., **Heindel LJ.**, Olson RL., Vacchiano, CA and Shin AY. The Addition of Ketorolac to Lidocaine Intravenous Regional Block of the Upper Extremity. *Journal of the American Association of Nurse Anesthetists*, 1999, 67, (4): 369.

LITERATURE REVIEWS:

Heindel LJ. (1999). [Review of journal article Early outpatient peroperative anesthesia assessment: Does it help to reduce operating room cancellations? *Anesth Analg*, 89:502-505.] *Nurse Anesthetist Forum*, Vol II, (4).

Heindel LJ. (1999). [Review of journal article Low dose axillary block by targeted injections of the terminal nerves. *Can J Anesth* 46: 658-664] *Nurse Anesthetist Forum*, Vol II, (4).

PROFESSIONAL MEMBERSHIPS and ACTIVITIES:

1980-present	Member American Association of Nurse Anesthetists (AANA) #34753 Exp. 7/05.
1992-2005	AANA Spinal-epidural and extremity block workshop instructor
1994	CCNA Item Writing Workshop AANA.

1994-1995	Council of Certification of Nurse Anesthetist (CCNA), Examination Committee.
1995-1996	AANA Foundation member of the Research Committee.
1996-1999	Board of Directors AANA Foundation.
1997-1998	Basic and Advanced Clinical Research Scholars Program AANA Foundation
2006-present	AANA Program Committee

Invited Lecturer:

- AANA Annual meeting, *Regional Anesthesia Technique and workshop*, August 2000, 1995, 1996, 2005
- AANA Foundation, *Spinal Anesthesia Technique and Dosing*, Spinals at Sea Workshop, March 1999.
- DCANA, *Regional Anesthesia for Postoperative Pain Management*, Cherry Blossom Meeting, April 1999.
- Georgetown and Uniform Services University Nurse Anesthesia Programs, *Anesthesia for Liver and GI Disease and Extremity regional anesthesia, Local Anesthetics, Upper and Lower Extremity blocks.*

CERTIFICATIONS:

Advanced Cardiac Life Support (ACLS) Provider Exp. 4/07
 American Heart Association (BLS) Exp. 3/07
 Registered Nurse, State of Maryland, #R098671, Exp. 12/07

Curriculum Vitae

Matthew R. D'Angelo, CRNA, MS
6009 Greenspring Avenue
Baltimore, Maryland 21209
410 764-6009 (Home)
443 803-1974 (Mobile)
matthewdangelo@comcast.net

Current Licenses and Certification:

- Certified Registered Nurse Anesthetist, CCNA
- Certified Registered Nurse Anesthetist, Maryland: R139212
- Advanced Cardiac Life Support, American Heart Association

Education and Career Development:

- Attendee: Medical Management of Biological and Chemical Casualties. Chemical Casualty Care Division, USAMRICD, Aberdeen Proving Ground, Maryland. November 2002.
- Georgetown University, Master of Science, June 1999 – December 2001.
- University of Maryland Hospital for Children completed Cardiac Core/Post Surgical recovery course.
- University of Maryland, College Park/Baltimore, School of Nursing, Bachelor of Science Nursing, 1993-1998.

Professional Experience:

- Trauma Nurse Anesthesia, R Adams Cowley Shock Trauma Center. June 2005 – Present (FT).
- Nurse Anesthetist, Department of Anesthesia and Critical Care. Johns Hopkins School of Medicine. April 2005 – June 2005 (released from Active Duty)
- Nurse Anesthetist (66F) U.S. Army Reserves (90 Day Active Duty), General Leonard Wood Army Community Hospital, Ft. Leonard Wood, MO. December 2004 – April 2005.
- Nurse Anesthetist, Department of Anesthesia and Critical Care. Johns Hopkins School of Medicine. April 2004 – December 2004 (**Military Leave of Absence**)
- Faculty, Northwest Anesthesia Seminars (NWAS)

- U.S. Army Reserve Officers Basic Leadership Course (OBC) July 2002.
- Trauma Nurse Anesthesia, R Adams Cowley Shock Trauma Center. January 14, 2002 – July 5, 2004 (FT).
- Graduate, Master of Science in Nurse Anesthesia, Georgetown University/Georgetown University Medical Center, December 2001.
- Captian, United States Army Reserve Nurse Corps, commissioned officer October 1999. Current assignment National AMMED Augmentation Detachment (NAAD). Full Partner/Staff Nurse, Department of Pediatric Critical Care, University of Maryland Hospital, Baltimore, 1998-2000.
- Associate Partner/Staff Nurse, Pediatric Emergency Department, University of Maryland Hospital, Baltimore, 1998.
- Enlisted soldier USA/USANG, Infantry. 1/314th Infantry Division (Mechanized) D-Company. 1/119 29th Infantry Division (Light).

Professional Organizations:

- American Association of Nurse Anesthetists (AANA)
- Society of Critical Care Medicine

Committees and Professional Activities:

- Faculty, University of Maryland, Baltimore Nurse Anesthesia Program.
- Director of Clinical Education, Shock Trauma Center Anesthesiology.
- Spine Work Group: Johns Hopkins University Department of Anesthesia and Critical Care Medicine. December 2004 – June 2005.
- Maryland Association of Nurse Anesthetists (MANA) District II Director. Fall 2004 – Present.
- Quality Assurance (QA) Committee R Adams Cowley Shock Trauma Center, Division of Trauma Anesthesia March 2002 – March 2003.

Publications/Research Projects: (Currently under peer/professional review.)

- *Current research project: Plasma specific gravity to determine hemoconcentration. IRB draft phase.*
- Factor VIIa for Correction of Traumatic Coagulopathy. Journal of Trauma-Injury Infection & Critical Care. 57(4):709-719, October 2004. Dutton, Richard P. MD; McCunn, Maureen MD; Hyder, Mary MD; **D'Angelo, Matthew CRNA**; O'Connor, James MD; Hess, John R. MD; Scalea, Thomas M. MD
- Intra-Operative Maintenance of Open Lung Ventilation: Comparison of Airway Pressure Release and Pressure Control-Inverse Ratio Ventilation in Critically Ill Patients. American Society of Anesthesiology Abstract: A

1488, 2003. M. McCunn, M.D., **M. D'Angelo, CRNA**, K. McQuillan, R.N., R. Baker, CRNA, R. Dutton, M.D., M.B.A.

- The use of a computer website prior to scheduled surgery: Impact on patient information acquisition, anxiety level and overall satisfaction with anesthesia care. AANA Journal. 73(1): 29-33, February 2005. Hering, K., Harvan, J., **D'Angelo, M.**, Jasinski, D.

Educational Presentations and Programs:

- Presenter and faculty University of Maryland Nurse Anesthesia Program. January 2006 to present.
- Presenter and faculty Uniformed Services University of the Health Sciences. October 2005 to present.
- Presenter: NWAS, Trauma Anesthesia. Washington, D.C. May 2004.
- Presenter: Anesthetic Considerations of Trauma and Burn Anesthesia. Georgetown University. May 2004
- Presenter: NWAS, Trauma Anesthesia. Portland, ME August 2003.
- Presenter: Anesthetic Considerations of Trauma and Burn. Georgetown University. May 2003
- Presenter: Medical Management of Chemical Casualties. Shock Trauma Post Anesthesia Care Unit. April 2003.
- Presenter: Biological and Chemical Casualties. Shock Trauma Center, Division of Trauma Anesthesiology Grand Rounds: January 2003.
- Presenter: Traumatic Airway Management Presentation, April 2002. University of Maryland School of Nursing/School of Medicine – U.S. Department of State Health Care Practitioners Course.
- Clinical Instructor for Freshman Health and Physical Assessment course, Georgetown University, Spring 2000.

Awards:

- Recipient "**Hero Award**" presented by Maryland Institute for Emergency Medical Management Systems. May 2004
- Co-recipient Dean Hayden Research Grant, presented by AANA, 2000.
- U.S. Army Decorations available on DD-214
- Honor Graduate U.S. Army Infantry School, Fort Benning, GA. December 1992.

Michelle Hayes Duell

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Bel Air, Maryland 21015
Home Phone (410) 515-4359

PROFESSIONAL EXPERIENCE- CERTIFIED REGISTERED NURSE ANESTHETIST:

Maryland Shock Trauma Center and University of Maryland Hospital, Baltimore, MD, March 2004 – Present

Staff Nurse Anesthetist- Anesthesia Department

Rest Assured Anesthesia Services- (Independent Contractor), Baltimore, MD, September 2005 - Present

Nurse Anesthetist – Eye Surgery Center

Christiana Medical Center, (Anesthesia Services, P. A.), Newark, DE, September 2003 - February 2004

Staff Nurse Anesthetist- Anesthesia Department

Sinai Hospital, (North American Partners in Anesthesia, LLC), Baltimore, MD, August 2002 – Present (PRN)

Staff Nurse Anesthetist- Anesthesia Department

PROFESSIONAL EXPERIENCE- REGISTERED NURSE:

Maryland Shock Trauma Center and University of Maryland Hospital, Baltimore, MD

Transport Nurse Specialist- Maryland Express Care, October 1998 - October 1999

Staff Nurse- Trauma Resuscitation Unit- Maryland Shock Trauma Center October 1996 - October 1999

Staff Nurse- Post Anesthesia Care Unit- Maryland Shock Trauma Center, October 1995 -October 1996

Staff Nurse- Operating Room- Maryland Shock Trauma Center, October 1992 –October 1995

Saint Joseph Medical Center, Towson, MD,

Staff Nurse- Labor and Delivery Unit January 1998 - November 1999

Staff Nurse- Emergency Department, May 1997 - July 1998

EDUCATION:

MSN- 2002, MCP Hahnemann University, Philadelphia, PA

Primary Clinical site: Christiana Hospital, Newark, DE

BSN- 1995, University of Maryland, Baltimore, MD

AA degree- 1992, Harford Community College, Bel Air, MD

High School Diploma- 1989, John Carroll High School, Bel Air, MD

LICENSE AND CERTIFICATIONS:

Certified Registered Nurse Anesthetist, R114674 State of Maryland

Advanced Cardiac Life Support, (ACLS), 1994, Certification current

ORGANIZATIONAL AFFILIATIONS:

American Association of Nurse Anesthetists, Member number 053921

Maryland Association of Nurse Anesthetists (MANA)- Board Member, 2002 to present

Vice President – 2005 to present

Secretary – 2002 to 2005

MANASCOPE – Biannual publication for MANA

Leanne M. Downey, CRNA, M.H.S.

352 Bee Tree Rd
Parkton, Maryland 21120
(410) 746-2242

PERSONAL

Certified Registered Nurse Anesthetist. ACLS certified. Member of the American Association of Nurse Anesthetists.

EDUCATION

1994-1996 *St. Francis Medical Center School of Anesthesia*
45th Street off Penn Avenue
Pittsburgh, Pennsylvania 15201

1994-1996 *LaRoche College*
9000 Babcock Boulevard
Pittsburgh, Pennsylvania 15237
MS – Health Science

1992-1993 *University of Maryland at Baltimore County*
Baltimore, Maryland 21228
Nursing

1990-1992 *Howard Community College*
Little Patuxent Parkway
Columbia, Maryland 21044
Associate of Arts Nursing

1984-1987 *St. Vincent College*
Latrobe, Pennsylvania 15650
Bachelor of Arts – Liberal Arts/Education

EMPLOYMENT

2002-pres *University of Maryland Medical System/Shock Trauma*
22 S. Greene St.
Baltimore, MD 21201
Staff Anesthetist
Shock Trauma Education Director 04/2005-pres
UMMC Clinical Coordinator for the University of Maryland Nurse Anesthesia Program

2000-2002 *University of Maryland Medical System/Shock Trauma*
22 S. Greene St.
Baltimore, MD 21201
Per-Diem Anesthetist

2000--2002 *York Hospital/Wellspan Health*
1001 South George Street
P.O. Box 15198
York, PA 17405-7198
Staff Anesthetist

1997-2000 *Sinai Hospital of Baltimore*
2401 West Belvedere Avenue
Baltimore, MD 21215-5271
Staff Anesthetist

1996-1997 *Jefferson Hospital*
Coal Valley Road
Pittsburgh, PA 15236
Staff Anesthetist

ROBIN D. WORSHAM, C.R.N.A.
1211 Lindsay Lane • Hagerstown, MD 21742
(301) 733-1358

OBJECTIVE

Dedicated and knowledgeable Certified Registered Nurse Anesthetist seeking a challenging opportunity where I can utilize my knowledge, training and experience while continuing to grow in a clinical setting.

EDUCATION and LICENSURE

M.S., Nurse Anesthesia, 1997; Georgetown University, Washington, D.C.

- Magna Cum Laude graduate; highest GPA in graduating class
- Recipient of Nurse Anesthesia Program Award

B.S., Nursing, 1993; University of Alabama at Birmingham, Birmingham, AL

- Sigma Theta Tau; Dean's Scholarship

B.S., Microbiology-Biology, 1987; University of Georgia, Athens, GA

- Gold Key National Honor Society; Pre-med Honor Society; Honor/Service Society; Freshman Honor Society; H.R. Gordon Scholarship

Certified Registered Nurse Anesthetist, State of Maryland #R119533
Advanced Cardiac Life Support, 1994-present

American Association of Nurse Anesthetists
Maryland Nurses Association

PROFESSIONAL EXPERIENCE

Certified Registered Nurse Anesthetist; Blue Ridge Anesthesia Associates, Hagerstown, MD -- 1998-present

Administer anesthesia for general and outpatient surgery. Areas include major trauma; ENT; ophthalmology; pediatrics; orthopedics; obstetrics; peripheral vascular; neurosurgical; urology. Experienced in administering peripheral nerve blocks and placement of central lines; proficient in epidural and spinal anesthesia. As Chief C.R.N.A., responsible for extensive recruiting, including hiring 4 full-time and 6 part-time associates, and for scheduling within the practice. Have also conducted numerous educational seminars for O.R., PACU, and Staff R.N.s at Washington County Hospital.

Student Registered Nurse Anesthetist; Northern Navaho Medical Center, Shiprock, NM -- 1995-1998

Clinical responsibilities similar to above, but also included open heart. Conceived and implemented clinical rotation to a rural New Mexico area, serving patients with few resources and little access to medical care. Program has continued, in cooperation with Indian Health Services, Northern Navaho Indian Reservation, and Georgetown University.

Staff Nurse; Frederick Memorial Hospital, Frederick, MD -- 1993-1995

Provided acute care for critically ill patients in Intensive Care Unit.

Student Nurse Volunteer Coordinator; Frederick Memorial Hospital, Frederick, MD -- Summer 1992

Provided nursing assistance and collaborated with other medical professionals to provide supplementary care for the critically ill. Planned, organized and implemented successful new program for Student Nurse Volunteers.

Assistant Microbiologist; Southern Research Institute, Birmingham, AL -- 1987-1989

Tested components received from the National Cancer Institute. Working in Southern Research Institute's Retrovirology Section, participated in large-scale invitro viral screening to evaluate bioassay models and their effectiveness against HIV.

Jeffrey L. Schrader, CRNA

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Mobile Phone: (240) 350-3523
Email: jschrader5@yahoo.com

EDUCATION:

1999	Master of Science Degree in Nursing	Uniformed Services University	Bethesda, MD
1994	Bachelor of Science Degree in Nursing	University of Nebraska	Lincoln, NE
1985	Practical Nursing Diploma	Central Community College	Kearney, NE

LICENSURE:

1999-Present	Certified Registered Nurse Anesthetist; Council on Recertification of Nurse Anesthetists #50714. Maryland License #R166136.
1995-2004	Nebraska Registered Nurse; License #50393.
1987-1990	Hawaii Licensed Practical Nurse
1985-1994	Nebraska Licensed Practical Nurse

SKILLS CERTIFICATION:

March 2007	Basic C-Healthcare Provider (AHA)
November 2006	Advanced Cardiac Life Support (AHA)

ANESTHESIA WORK EXPERIENCE:

Feb06-Present	Veteran's Healthcare Administration Staff CRNA & SRNA Coordinator	Washington, DC
Apr04-Present	The Surgery Center of Chevy Chase Staff CRNA/PRN Staff CRNA since Mar06	Chevy Chase, MD
Nov03-Apr04	Walter Reed Army Medical Center Staff CRNA	Washington, DC
Mar 03-Oct03	28 th Combat Support Hospital (forward deployed) Staff CRNA	Operation Iraqi Freedom
May01-Feb03	Walter Reed Army Medical Center Staff CRNA	Washington, DC
May01-Present	Blue Ridge Anesthesia, LLC PRN Staff CRNA	Hagerstown, MD
Feb01-Apr01	Joint Task Force Bravo Sole Anesthesia Provider	Honduras, CA
Nov 99-Jan01	Walter Reed Army Medical Center Staff CRNA	Washington, DC

AFFILIATIONS AND PROFESSIONAL ORGANIZATION MEMBERSHIPS:

2001-2004	Adjunct Faculty Uniformed Services University of the Health Sciences
1997-Present	Member of American Association of Nurse Anesthetists; current member of DC state chapter; Membership #50714. DC chapter President 2002.
1995-1997	Member of American Association of Critical-Care Nurses.
1996-1997	State Chapter Public Relations Chairperson for AACN.
1993-Present	Member of Sigma Theta Tau National Honor Society; Membership #209821.
1993-1994	Member of Total Quality Implementation Redesign Team at Bryan Memorial Hospital.
1993-1994	Member of National Student Nurses' Association.
1991-Present	Member of American Legion Post 119, St. Paul, Nebraska; Membership #200344181.

DECORATIONS AND AWARDS:

2004	Meritorious Service Medal.
2004	National Defense Service Medal (2 nd award).
2004	Global War on Terrorism Expeditionary Medal
2004	Global War on Terrorism Service Medal
2003	Army Commendation Medal (3 rd award).
2002	Army Commendation Medal (2 nd award).
2001	Army Achievement Medal.
1995	Included in the 1995 Edition of <u>Who's Who Among Students in American Universities & Colleges.</u>
1993&1994	American Legion Auxiliary Nurse Gift Scholarship.
1993&1994	Dean's List University of Nebraska-Lincoln.
1993	Five Year Nebraska National Guard Service Medal.
1992	Reserve Components Achievement Medal.
1990&1991	Nebraska National Guard Achievement Medal.
1991	AKSARBEN Citizen Soldier Award.
1990	National Defense Service Medal (1 st award).
1989	Overseas Service Medal.
1989	Army Commendation Medal (1 st award).
1989	Army Good Conduct Medal.
1988	Non-Commissioned Officer Professional Development Ribbon.
1984	Army Service Ribbon.

PRESENTATIONS:

2000-2004	Lecture presentations on various anesthesia-related topics (periodic staff development).
2000-2004	Monthly presentations on Sedation & Analgesia for incoming hospital staff.
1999	Poster display of master's degree thesis topic: <u>A Double Blind Placebo Controlled Trial of Magnesium Oxide for Chronic Low Back Pain.</u>
1995-1997	Frequent presentations on Advanced Directives to various community groups.
1990	Presented discussion during Grand Rounds: "RCT's-are they the answer to the nursing shortage?"

VOLUNTEER ORGANIZATIONS:

2005	AIDS Marathon Training Program and Mardi Gras Marathon Finisher
2004-Present	Board of Directors at ODMCC (church)
2002	The Susan G. Komen Breast Cancer Foundation National Race for the Cure.
2000-2004	Actively involved in the Sedation & Analgesia Committee and as Clinical Instructor for U.S. Army Program and USUHS Nurse Anesthesia students.
1998	Represented USUHS at the University Public Recognition Week, Washington, DC.
1997-Present	Member of Uniformed Services University Alumni Association, Bethesda, MD.
1996	Corporate Run as USAR member (6.25 miles), Omaha, NE.
1995-Present	Member of University of Nebraska Medical Center Alumni Association.
1989	Run for Muscular Dystrophy (12.5 miles), Honolulu, HI.
1989	Honolulu Marathon Finisher.

PRIOR MILITARY SERVICE/AFFILIATIONS

Mar 1997 - Apr 2004	Officer, Active-Duty, United States Army Reserves
Jan 1996 - Mar 1997	Officer, United States Army Reserves (Inactive)
Nov 1989 - Jan 1996	Enlisted, United States Army National Guard-Nebraska (Inactive)
Nov 1986 - Nov 1989	Enlisted, Active-Duty, United States Army
Aug 1984 - Nov 1986	Enlisted, United States Army National Guard-Nebraska (Inactive)
May 1984 - Aug 1984	Enlisted, Active-Duty, United States Army National Guard-Nebraska
Feb 1984 - May 1984	Enlisted, United States Army National Guard-Nebraska (Inactive)

References available upon request.

GEORGE P. MAEX
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Baltimore, MD 21234
(410) 882-8698
(410) 601-5209
Gases4u@comcast.net

EDUCATION

Prince George's General Hospital and Medical Center School of Nurse Anesthesia, Cheverly, Maryland in affiliation with the George Washington University School of Medicine and Health Sciences

Major: Nurse Anesthesia G.P.A. 3.27 B.S. 1986

Essex Community College, Baltimore County, Maryland

Major: Nursing
Registered Nurse G.P.A. 3.12 A.A. 1983

Community College of Baltimore, Baltimore, Maryland

Major: Respiratory Therapy G.P.A. 3.65 A.A. 1980

Towson University, Towson, Maryland

Pre-Nursing 1976-1978

CLINICAL ANESTHESIA EXPERIENCE

1987-Present

Sinai Hospital, Baltimore, Maryland (full-time)

Trauma Services.....Experience in all Surgical Areas including Pediatrics and Obstetrics.....Invasive Monitoring.....Regional Anesthesia especially Epidurals and Spinals

1987-1993

Maryland Institute for Emergency Medical Services Systems, Baltimore, Maryland (prn)

**1986-1987
(15 months)**

Maryland Institute for Emergency Medical Services Systems, Baltimore, Maryland (full-time)

Shock Trauma Services.....Experiences in all Surgical Areas..... Emergency Airway Management.....Insertion and Maintenance Of Invasive Monitors.....Epidural and Spinal Experience

1984-1986

Prince George's General Hospital and Medical Center, Cheverly, Maryland (full-time)

Full practicum in all Surgical and Obstetrical Areas.....Epidural And Bier Block Experience.....Provided ER and Trauma Services

1986

Children's Hospital, Boston, Massachusetts (6 weeks full-time)

EMPLOYMENT BACKGROUND

1987-Present Sinai Hospital, Baltimore, Maryland

1987-1997 Certified Registered Nurse Anesthetist
1997-2002 Senior Certified Registered Nurse Anesthetist
2002-Present Chief CRNA / CRNA Clinical Coordinator for the
Georgetown University Nurse Anesthesia Program
and the University of Maryland Nurse Anesthesia
Program at Sinai Hospital

**1986-1993 Maryland Institute for Emergency Medical Services Systems,
Baltimore, Maryland**

1987-1993 Certified Registered Nurse Anesthetist (prn)
1986-1987 Certified Registered Nurse Anesthetist (full-time)

1977-1983 Franklin Square Hospital, Baltimore, Maryland

1979-1983 Certified Respiratory Therapist (full-time)
Registry-Eligible. Duties include: Treatment of Respiratory
Disorders.....Initiate and Maintain mechanical ventilation.....
Perform arterial blood studies.....Delivery of medical gases
such as oxygen

1978-1979 Respiratory Therapy Aide (part-time and prn)
Sterilize equipment.....Maintenance of equipment.....Order
Department Stock.....Assist Therapists

1977-1978 X-ray Aide (part-time and prn)
Transport patients to and from X-ray.....Assist technicians in
X-ray procedures.....Develop X-rays

LICENSES

Certified Respiratory Therapist, **1982**
Registered Nurse, **1983**
Certified Registered Nurse Anesthetist, **1986**

PROFESSIONAL MEMBERSHIPS/ COMMITTEES

American Association of Nurse Anesthetists, **1986-Present**
Maryland Association of Nurse Anesthetists, **1986-Present**
Committee for Quality Improvement/Peer Review at Sinai
Hospital, **2004-Present**
Management Committee, Anesthesia Department at Sinai
Hospital, **2005-Present**
Old Timers Soccer Association of Maryland, **2004-Present**
Archbishop Curley High School Alumni Board Member
2006-Present

HONORS

Dean's List of the George Washington School of Medicine and
Health Sciences **1985 and 1986**

Phi Theta Kappa National Honor Fraternity of the Community and
Junior College **1980**

National Honor Society, Archbishop Curley High School
1975 and 1976

College Varsity Soccer Player **1977 and 1978**

PERSONAL

Maintain a positive attitude.....Handle stress well.....Goal oriented
in finishing tasks

REFERENCES

Available upon request

CURRICULUM VITAE

NAME: Shannon Michael Seifert MS, CRNA

SSN: 318-80-9933

7108 Old Sandy Spring Road

Laurel MD 20707

(301) 362-9223

(240)603-7987

SMSeifert@gmail.com

CIVILIAN EDUCATION

<u>Degree</u>	<u>Academic Institution</u>	<u>Year</u>
MS Nurse Anesthesia	Georgetown University Washington, DC	2004
BSN (Cum Laude)	University of San Francisco San Francisco, CA	1998

MILITARY EDUCATION

<u>Course</u>	<u>Location</u>	<u>Year</u>
Officer Basic Course	Fort Sam Houston, TX	1998
Critical Care Nursing Course	Walter Reed AMC, Washington DC	2000

CIVILIAN WORK EXPERIENCE

<u>Job Title</u>	<u>Location</u>	<u>Dates</u>
Certified Registered Nurse Anesthetist	Sinai Hospital Baltimore, MD	Jan 05 - Present
Agency ICU Nurse	Progressive Nursing Staffers Baltimore, MD	Jan 01- Dec 03

MILITARY WORK EXPERIENCE

<u>Job Title</u>	<u>Location</u>	<u>Dates</u>
ICU Staff Nurse	WD45A, Surgical-Cardiothoracic ICU Walter Reed Army Medical Center Washington, D.C.	May 00- May 02
Clinical Staff Nurse	WD46, Cardio-Thoracic Surgery Walter Reed Army Medical Center Washington, D.C.	Nov 98- Dec 99

STATE LICENSURE

<u>State</u>	<u>Year</u>	<u>Status</u>
Washington DC	2002	Active
Maryland	1999	Active
California	1998	Active

SKILLS PROVIDERSHIPS

<u>Type</u>	<u>Year</u>
Pediatric Advance Life Support	1999
Advanced Cardiac Life Support	1999
Basic Life Support	1994

DECORATIONS AND AWARDS

<u>Award</u>	<u>Location</u>	<u>Date</u>
Army Commendation Medal	Walter Reed AMC, Washington, DC	2002
Army Achievement Medal	Walter Reed AMC, Washington, DC	1999
Army Service Ribbon	Ft. Sam Houston, TX	1998
Distinguished Military Graduate	University of San Francisco, CA	1998
Dept. of the Army Superior Cadet	University of San Francisco, CA	1997
Air Assault Badge	Schofield Barracks, HI	1996
Airborne Badge	Ft. Benning, GA	1995

AFFILIATIONS AND PROFESSIONAL ORGANIZATION MEMBERSHIPS

<u>Organization</u>	<u>Date</u>
American Association of Nurse Anesthetists	2002-Current
Alpha Sigma Nu National Jesuit Honor Society	1998-Current
Sigma Theta Tau International Nursing Honor Society	1997-Current

PRESENTATIONS AND LECTURES

<u>Title</u>	<u>Location</u>	<u>Date</u>
Management of Aortic Aneurysm Repair	Sinai Hospital Baltimore, MD	2004
"Advances in Pulmonary Nursing"	Critical Care Nursing Course Washington, D.C.	2000
"Permissive Hypercapnia"	Critical Care Nursing Course Washington, D.C.	2000
"Meditation and Lowering Blood Pressure"	Knollwood Retirement Home Washington, D.C.	1999

PUBLICATIONS

<u>Title</u>	<u>Publication</u>	<u>Date</u>
Cholesterol Granuloma of the Frontal Bone	Student Journal of Nurse Anesthesia	2004

MARIBETH LEIGH MASSIE, CRNA, MS

219 E. Churchill Street
Baltimore, Maryland 21230
443-604-2423
mbsmassie@yahoo.com

EDUCATION

Columbia University, New York, NY
Master of Science in Nursing, October 1998
Specialty: Nurse Anesthesia

The Ohio State University, Columbus, Ohio
Bachelor of Science in Nursing, June 1986

PROFESSIONAL EXPERIENCE

The Johns Hopkins Hospital, Baltimore, MD – Staff Nurse Anesthetist and Clinical Coordinator – August 2001 to present
Columbia University School of Nursing Program in Nurse Anesthesia – Assistant Program Director and Assistant Professor in Clinical Nursing – January 1999 to August 2006
University of Maryland School of Nursing Nurse Anesthesia Program– Adjunct Instructor – March 2005 to present
R Adams Cowley Shock Trauma Center, Baltimore, MD - Staff Nurse Anesthetist and Student Preceptor –October 1998 to June 2001
Columbia-Presbyterian Medical Center, New York, NY – Per diem Staff Nurse Anesthetist –December 1998 to July 2000

PROFESSIONAL ACCOMPLISHMENTS

Columbia University School of Nursing Distinguished Young Alumni Award – Presented May 2002
Margaret F. Sullivan Award – Outstanding Nurse Anesthesia Student at Columbia University 1998
Sigma Theta Tau Outstanding Graduate Student Award – Columbia University 1998
American Association of Nurse Anesthetists (AANA) Foundation John E. O'Connor Memorial Scholarship - 1998
New England Assembly of Student Registered Nurse Anesthetists - President 1997-98 and Junior Student Representative from Columbia University 1997
AANA Foundation Sally Stillwell Scholarship - 1997
Teaching Assistant II for Entry to Practice BSN Students at Columbia University (affiliation with Cornell Medical Center) 1996-97
Columbia University School of Nursing Student Government - Treasurer 1996-97

PROFESSIONAL AFFILIATIONS

Maryland Association of Nurse Anesthetists – Secretary and GRC Chairperson 2006-2007; President, 2005-2006; President-Elect, 2004-2005; District Representative/Board of Directors 2000-2004; Member since October 1998
Baxter Pharmaceuticals Faculty Speaker's Bureau – Speaker since November 2003
American Association of Nurse Anesthetists Foundation – Advocate since March 2001
Sigma Theta Tau, Inc. – International Nursing Honor Society, Alpha Zeta Chapter, Columbia University 1998
New England Assembly of Student Registered Nurse Anesthetists – Member 1997-1998
American Association of Nurse Anesthetists – Member since December 1996
American Association of Critical Care Nurses – Member since 1989
The Ohio State University Alumni Association – Member since 1986
Mortar Board Honor Society Alumni Association – Member since 1986

PROFESSIONAL CERTIFICATIONS

Certified Registered Nurse Anesthetist – September 2006
Pediatric Advanced Life Support – Recertified October 2006
Advanced Cardiac Life Support –Recertified May 2006
Basic Life Support – Recertified May 2006
Advanced Trauma Life Support – May 2001
Critical Care Registered Nurse – February 2001
Advanced Burn Life Support – November 1993
Intra-Aortic Balloon Pump – November 1993

MARIBETH LEIGH MASSIE, CRNA, MS

219 E. Churchill Street
Baltimore, Maryland 21230
443-604-2423
mbsmassie@yahoo.com

PROFESSIONAL COMMITTEES

AANA Education Committee – September 2005 – September 2007
AANA Resolutions Committee – September 2005 – September 2006
Columbia University School of Nursing Grievance Committee – January 1, 2004 – January 1, 2006
AANA Foundation Professional Development/Scholarship Committee – September 2003 - August 2006
Columbia University School of Nursing Curriculum Committee – July 2003 - July 2006
Maryland Association of Nurse Anesthetists Program Development Committee – September 2001 - present
Columbia University School of Nursing Program in Nurse Anesthesia Executive Committee – January 1999- August 2006

PUBLICATIONS

"Anesthesia in the Office-Based Setting", Anesthesia Today, Fall 2003

PRESENTATION

Pennsylvania Association of Nurse Anesthetists Spring Meeting 2006: "Anesthesia for Trauma" and "Inhaled Anesthetics in the Inpatient Population"
Tennessee Association of Nurse Anesthetists Fall Meeting 2005: "Setting the Record Straight: The Myths of Inhaled Anesthetics Deciphered"
New England Association of Nurse Anesthetists Spring Meeting 2005: "Precision Control of the Anesthetic Experience" and "I Don't Feel So Good...Treatment of Nausea and Vomiting"
Maryland Association of Nurse Anesthetists Fall Meeting 2004: "The Context of Cost of Modern Inhaled Anesthetics"
Pennsylvania Association of Nurse Anesthetists Fall Meeting 2004: "Inhaled Anesthetics and their effects on the Obese Patient"
Tennessee Association of Nurse Anesthetists Spring Meeting 2004: "Clinical Applications of Inhaled Anesthetics in the Pediatric Population"
Maryland Association of Nurse Anesthetists Fall Meeting 2003: "Anesthesia in Remote Locations"

PREVIOUS NURSING EXPERIENCE

TRAVELING NURSE POSITIONS – JUNE 1990- AUGUST 1996

Yellowstone Park Medical Services, Lake Station, WY – Wilderness Medicine Nursing Supervisor - 5/94-9/94 and 5/96-9/96
Massachusetts General Hospital, Boston, MA – P.I.C.U. Staff Nurse – 9/95-5/96
Martha's Vineyard Hospital, Oak Bluffs, MA – I.C.U. Charge Nurse – 6/92-9/92 and 6/95-9/95
Straub Hospital, Honolulu, HI – S.I.C.U. Charge Nurse – 8/93-5/94 and 1/95-6/95
Dartmouth-Hitchcock Medical Center, Lebanon, NH – C.C.U. Staff Nurse – 5/94-12/94
Johns Hopkins University Hospital, Baltimore, MD – S.I.C.U. Staff Nurse – 4/93-7/93
New York University Medical Center, New York, NY – Liver Transplant I.C.U. Charge Nurse – 10/92-4/93
Boston Children's Hospital, Boston, MA – P.I.C.U. Staff Nurse – 1/92-5/92
Loyola University Hospital, Chicago, IL – OH/Trauma I.C.U. Staff Nurse – 9/91-12/91
Mt. Sinai Hospital, Chicago, IL – P.I.C.U. Charge Nurse - 6/91-9/91
Queen's Medical Center, Honolulu, HI – S.I.C.U. Staff Nurse - 1/91-5/91
The Ohio State University Hospital, Columbus, OH – Transplant/Trauma I.C.U. Staff Nurse – 9/90-12/90
Valley Presbyterian Hospital, Van Nuys, CA – C.V.I.C.U. Staff Nurse – 6/90-9/90

PERMANENT POSITIONS – SEPTEMBER 1986 – JUNE 1990

University Hospitals of Cleveland-Rainbow Babies and Children's Hospital, Cleveland, OH – P.I.C.U. Staff Nurse – 5/89-6/90
Veterans Administration Medical Center, Cleveland, OH – S.I.C.U. Charge Nurse – 9/86-5/89

October 2006

CURRICULUM VITAE

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Pasadena, Maryland 21122
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WORK PHONE: (410) 550-0942
E-MAIL ADDRESS: tholtsmith@aol.com
tsmith33@jhmi.edu

EDUCATIONAL EXPERIENCE:

1980-1982 Completion of 24 months Anesthesiology Course of Instruction
The School of Anesthesia for Nurses of the Johns Hopkins Hospital
1975-1977 Bachelor of Science in Nursing
University of Maryland
School of Nursing
Baltimore, Maryland
1973-1974 Bachelor of Science
Environmental Health
The George Washington University
Washington, DC
1969-1972 Davis and Elkins College
Elkins, WV

LICENSE AND CERTIFICATION:

Council of Recertification of Nurse Anesthetists
Date of Expiration- 7/31/07

Maryland License #R063419
Date of Expiration- 11/28/07

National Guild of Hypnotists, Inc
Certified Hypnotherapist
Date of Expiration 11/07

CPR Certification
Date of Expiration- 5/07

ACLS Certification
Date of Expiration- 6/07

PROFESSIONAL EXPERIENCE

2006 – Present	Clinical Site Coordinator for University Anesthesia Training Programs at Johns Hopkins Bayview Medical Center Baltimore, Maryland
1995 – Present	Staff CRNA Johns Hopkins Bayview Medical Center Baltimore, Maryland
1989 – 1995	Staff CRNA Mercy Medical Center Baltimore, Maryland
1987 -1989	Staff CRNA Francis Scott Key Medical Center Baltimore, Maryland
1984 – 1987	Staff CRNA Bon Secours Hospital Baltimore, Maryland
1982 – 1984	Staff CRNA Baltimore City Hospitals Baltimore, Maryland
1980 – 1982	Part-time Clinical Staff Nurse Admitting Area Maryland Institute for Emergency Medical Services (Shock Trauma) Baltimore, Maryland
1978 – 1980	Clinical Staff Nurse Admitting Area Maryland Institute for Emergency Medical Services (Shock Trauma) Baltimore, Maryland
1977 – 1978	Clinical Staff Nurse Intensive Care Unit Maryland Institute for Emergency Medical Services (Shock Trauma) Baltimore, Maryland

1975 – 1979 Emergency Medical Technician
Upper Montgomery County Volunteer Fire Department
Beallsville, Maryland

1974 – 1976 Part-time Emergency Room Technician
Suburban Hospital Emergency Room
Bethesda, Maryland

PROFESSIONAL TEACHING EXPERIENCE:

Stress Management While in Anesthesia School
First Day of Orientation for New Nurse Anesthesia Students
University of Maryland/School of Nursing/Nurse Anesthesia Program
Baltimore, Maryland August 2006

Hypnosis and Anesthesia
Senior Nurse Anesthesia Students
University of Maryland
Baltimore, Maryland April 2006

Stress Management
Senior Nurse Anesthesia Students
University of Maryland
Baltimore, Maryland April 2006

Hypnosis and Anesthesia
Junior Nurse Anesthesia Students
University of Maryland
Baltimore, Maryland November 2005

Stress Management
Junior Nurse Anesthesia Students
University of Maryland
Baltimore, Maryland November 2005

PUBLICATIONS:

Sharma P, Sieber F, Zakriya K, Paulding R, Gerold K, Hang J, Smith T, Recovery Room
Delirium Predicts Postoperative Delirium After Hip-Fracture Repair *Anesthesia and
Analgesia* 2005;101:1215-20.

AWARDS AND HONORS:

Alpha Sigma Lambda Honor Society 1973

PROFESSIONAL ORGANIZATION

American Association of Nurse Anesthetist

1980 – Present

Maryland Association of Nurse Anesthetist

1980 – Present

1984 – 1985 Secretary/Government Relations Chair

1985 – 1986 Vice President/Government Relations Chair

National Guild of Hypnotists

2004 – Present

American Association of Critical Care Nurses

1977 – 1981

EXTRA PROFESSIONAL ORGANIZATION

St. Jane Frances Catholic Church

Pasadena, Maryland

Fairwood Community Pool

1991 – 1992 Board of Directors

1993 – 1995 President

Cub Scouts Pack 770 – Lake Shore Elementary School

Pasadena, Maryland

1993 – 1996 Den Leader

Boy Scouts of America Troop 770 – Galilee Lutheran Church

Pasadena, Maryland

1997 – 2001 Assistant Troop Leader

Mountain Road Soccer

Pasadena, Maryland

1996 – 1997 Coach

Lake Shore Youth Baseball

Pasadena, Maryland

1991 – 1992, 1995 – 1999 Baseball Manager

1217 Overview Drive
Pasadena, MD 21122

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Fax Number: 4107060344

From: Andrew Smith
Fax Number:
Business Phone:
Home Phone: 4104376391

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Date/Time: 10/26/2006 6:06:24 AM
Subject: Tim Smith's CV

HENRY W. BOFFEN JR.
CERTIFIED REGISTERED
NURSE ANESTHETIST

EMPLOYMENT HISTORY

August 1996 - Present

Fritz Sieber, M.D. 550-0942
Johns Hopkins Bayview Medical Center
Chief Nurse Anesthetist

July 1995 - August 1996

Michael Devlin, P.A. 522-8417
Church Hospital Corporation
Staff Nurse Anesthetist

July 1987 - June 1995

Mercy Anesthesia Associates 332-9375
Mercy Medical Center
Chief Nurse Anesthetist 1993 - 1995
Staff Nurse Anesthetist 1987 - 1993

November 1982 - July 1988

Maryland General Hospital 225-8000
Staff Nurse Anesthetist

November 1982 - June 1989

Johns Hopkins Hospital 955-5850
Staff Nurse Anesthetist

September 1977 - August 1980

Church Hospital Corporation 522-8417
Staff Nurse

EDUCATION

1977

Catonsville Community College
Associate Degree Nursing
Graduated Cum Laude

1982

Johns Hopkins Hospital
School of Anesthesia for Nurses
Graduated Diploma

AFFILIATIONS

Member American Association of Nurse Anesthetists
1980 - Present

Member Maryland Association of Nurse Anesthetists
1982 - Present

CERTIFICATIONS

American Association of Nurse Anesthetists
Board Certified Nurse Anesthesia
February 1983 - Present

Maryland Board of Nurse Examiners
Board Certified in Nursing
1977 - Present
Board Certified Nurse Anesthesia
February 1983 - Present

American Heart Association
Certified
Advance Cardiac Life Support
Cardio-Pulmonary Resuscitation

CURRICULUM VITAE**SCOTT M. ELEFF, M.D**

May 2006

ADDRESS:

4017 Grove Street
Skokie, Illinois 60076

Chairman, Department of Anesthesiology,
Southern Maryland Hospital Center
7503 Surratts Road, Clinton, Maryland, 20735

TELEPHONE:

Home: (847) 677-5610
e-mail: eleff@uic.edu

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Fax: (847) 677-4610

PERSONAL DATA:

Marital Status: Married, 4 children

Date of Birth: February 25, 1956, Cleveland Ohio

DEGREE:

B.A.

INSTITUTION:

University of Pennsylvania,
Philadelphia, PA

YEAR:

1977

FIELD:

Mathematics

M.S.

University of Pennsylvania,
Philadelphia, PA

1977

Biophysics

M.D.

University of Pennsylvania,
Philadelphia, PA

1981

Medicine

M.B.A.

Johns Hopkins University
Baltimore, MD

2001

Business

RESIDENCY TRAINING AND FELLOWSHIPS:

- 1981-1982 Postdoctoral Fellowship in NMR and Metabolism with Professor Britton Chance,
University of Pennsylvania School of Medicine, Department of Biophysics
- 1982-1983 Medical Internship, Presbyterian Hospital University of Pennsylvania Medical Center,
Philadelphia, PA 19104
- 1981-1986 Anesthesia Residency and Fellowship, Hospital of the University of Pennsylvania,
Philadelphia, PA 19104

FACULTY APPOINTMENTS:

- 2004- Professor of Clinical Anesthesiology, The University of Illinois at Chicago.
- 2000-2003 Professor and Chairman, Department of Anesthesiology, The Chicago Medical School
Department of Anesthesiology, Mount Sinai Hospital, Chicago, Illinois
- 1986-2000 Attending Anesthesiologist, The Johns Hopkins Hospital, Baltimore, MD
- 1992-2000 Associate Professor, Division of Neuroanesthesia Department of Anesthesiology
and Critical Care Medicine, The Johns Hopkins University, School of Medicine
- 1993-2000 Associate Professor, Department of Radiological Sciences, Neuroradiology Research
The Johns Hopkins University, School of Medicine, Baltimore, MD
- 1986-1992 Assistant Professor, Department of Anesthesiology/Critical Care Medicine,
The Johns Hopkins University School of Medicine, Baltimore, MD.

CERTIFICATIONS:

Medical License: Pennsylvania (1983), Maryland (1986), New York (1998), Illinois (2000)

Specialty Certification: American Board of Anesthesiology, Diplomate, 1986
Diplomate of the National Board of Medical Examiners, Certificate #245354, 1982.

SENIOR COMMITTEE MEMBERSHIPS (2000-2003):

Sinai Medical Group Board of Governors
Sinai Research Institute Board of Directors
Faculty Executive Committee – Chicago Medical School
Advocate Health Care System Research Task Force

RESEARCH INTERESTS:

Cognitive Functional Magnetic Resonance Imaging of the Human Brain
Mitochondrial DNA mutations in brain disease
Neurologic consequences of cardiac arrest during cardiopulmonary resuscitation (CPR)

Scientific Advisory Boards

1996-99 Association of University Anesthesiologists, Scientific Advisory Board
1998 - Board of Reviewers, Brunei International Medical Journal
1997 - Medical Advisory Committee, Maryland Health Care Product Development Corporation
1996 - Ad hoc reviewer NIH Surgery Anesthesia and Trauma study section
1986 - Ad hoc reviewer, Stroke, Anesthesiology, Anesthesia & Analgesia, Annals of Neurology, Journal of Cerebral Blood Flow and Metabolism, Magnetic Resonance in Medicine, Journal of Molecular and Cellular Cardiology, Journal of Neurochemistry

Awards, Honors, and Memberships in Honorary Societies:

2000- Society of Academic Anesthesiology Chairs
1993-1998 Established Investigator of the American Heart Association
1997-1999 Guest Researcher, Laboratory for Neurosciences, The National Institute of Aging/NIH
1995 Who's Who in America
1994 City of Baltimore Presidential Citation for Volunteer Work in Education
1993- Association of University Anesthesiologists
1990-1991 Robert O. Biern, M.D., Fellow, American Heart Association, Maryland Affiliate
1989 Society of Neurosurgical Anesthesia and Critical Care
1986 Diplomate of the American Board of Anesthesiology
1986 American Society of Anesthesiologists
1986 Society of Magnetic Resonance in Medicine
1985-86 NIH Post Doctoral Fellowship in Anesthesiology
1981-82 NIH Post Doctoral Fellowship in Anesthesiology
1977-81 Medical Scientist Training Program Fellowship
1977 B.A. Summa cum laude
1977 Phi Beta Kappa
1976-77 Johnson Research Foundation Fellowship

MAJOR TEACHING RESPONSIBILITIES

2004- University of Illinois School of Medicine Core Course in Anesthesiology
2003- Instructor, ACLS, the American Heart Association
2003- Instructor, PALS, the American Heart Association
2000 - Anesthesiology electives, Chicago Medical School
2000 - Medical Ethics, core first year CMS curriculum
2000 - Podiatric Surgery and Anesthesiology, core 2nd year Scholl Podiatry School
1989-2000 Application of Computers in Anesthesiology, The Johns Hopkins University

VISITING PROFESSOR/INVITED SPEAKER:

Northwestern University Department of Anesthesiology, Chicago 2003
Cook County Hospital, Department of Anesthesiology Chicago, 2002
UMDNJ - Robert Wood Johnson Medical School, Department of Anesthesiology 2001
Dimensions of Excellence, Advocate Health Care Annual Research Meeting, 2001
Advocate Christ Hospital, Chicago Illinois, 2001
Advocate Lutheran General Hospital, Chicago Illinois, 2001
American Society of Anesthesiologists, Annual Meeting, 2000.
Children's Memorial Hospital, Chicago Illinois, 2000
Chicago Medical School, Department of Immunology, 2000.
Department of Anesthesiology University of Chicago, Chicago, IL 2000
Department of Anesthesiology Illinois Masonic Hospital, Chicago, IL 2000
Department of Anesthesiology, St.-Lukes/Roosevelt Department of Anesthesiology, NY,NY 1999
Department of Anesthesiology, University of Florida Health Sciences Center, Jacksonville, 1998
Dean's Lecture, University of Jordan Medical School, Amman Jordan, 1997
Department of Anesthesiology/CCM, Hadassah Hospital, Jerusalem, Israel, 1996
Department of Anesthesiology/CCM, University of Utah, Salt Lake City, Utah, 1996
Department of Neurosurgery, The Johns Hopkins University, Baltimore, MD, 1996
Department of Anesthesiology/CCM, University of Pennsylvania, Philadelphia, PA, 1995
Invited Speaker "Medical Imaging and Spectroscopy" at the 250th Anniversary of The University of Pennsylvania, 1990.

UNITED STATES PATENTS:

Britton Chance, John S. Leigh, Scott M. Eleff: NMR System for the Non-Invasive Study of Phosphorus Metabolism, Filed: 4/29/82, Patent 4,452,250 Approved 6/5/84

GRANT SUPPORT:

- 2004 University of Illinois, Internal Grant funding. Functional MRI Measurements of Perioperative Cognitive Function.
- 2004 University of Illinois, Internal Grant funding. Functional MRI Measurements of CNS Response to Thermal Pain in Patients with Chronic Pain Syndromes.
- 2002 AMGEN grant for Darbepoetin Alfa usage in reducing blood transfusion requirements during orthopedic surgeries. S.M. Eleff, PI for Christ, Lutheran General, Mount Sinai and Illinois Masonic Hospitals (Approved, administratively withdrawn)
- 1995-1998 5R01 NS31490 National Institutes of Health. "Functional Magnetic Resonance Studies of Brain". Peter CM Van Zijl, Principal Investigator. 10% effort. \$503,918 Total Direct Costs
- 1993 - 1998 American Heart Association - Established Investigator Award "Neurologic Recovery Brain Energetics and Edema Following CPR" Scott M. Eleff - Principal Investigator - \$300,000 total award
- 1992 - 1997 National Institute of Neurological Disorders and Stroke 9 PO1 NS 20020-09 Program Project Grant "Mechanisms of Regulation of Cerebral Blood Flow" Richard J. Traystman, Program Director Project III: "Cerebral Blood Flow During Cardiopulmonary Resuscitation. 15% effort - \$100,258 - Annual Direct Costs
- 1990 - 1993 American Heart Association, National Center - Grant-in-Aid Sodium and Phosphorus NMR of Brain Bioenergetics During CPR Scott M. Eleff - Principal Investigator - \$35,000 per year
- 1990 - 1992 American Heart Association Maryland Chapter - Grant-In-Aid "Magnetic Resonance Studies of Cerebral Sodium and High Energy Phosphate Changes During Stroke" Scott M. Eleff - Principal Investigator - \$20,000 per year
- 1987 - 1992 NIH Neurological and Communicative Disorders and Stroke 5 PO1 NS 20020-05 Program Project Grant: "Mechanisms of Regulation of Cerebral Blood Flow" Richard J. Traystman, Program Director Project II: "Complete and Incomplete Global Cerebral Ischemia" Scott M. Eleff Co-Investigator 10% effort - \$77,278 Annual Direct Costs
- 1989 Foundation for Anesthesia Education and Research (FAER) "Real Time NMR of Brain pH and Bioenergetics During CPR: Effects of Bicarbonate and Carbicarb Therapy" Scott M. Eleff - Principal Investigator, \$15,000 - Annual Direct Costs
- 1981&1985 NIH Postdoctoral Fellowship - Anesthesiology Training Grant University of Pennsylvania, School of Medicine, Philadelphia, PA
- 1977 - 1981 Medical Scientist Training Program - Predoctoral Fellowship University of Pennsylvania, School of Medicine, Philadelphia, PA

PUBLICATIONS:

BOOK EDITORSHIP:

Senior Consulting Co-Editor for Neurology chapters, Cardiac Arrest: The Science and Practice of Resuscitation Medicine., 1996. Williams and Wilkins, Baltimore, MD

Senior Consulting Co-Editor for Neurology chapters, Cardiac Arrest: The Science and Practice of Resuscitation Medicine., 2nd edition 2006.

PAPERS AND CHAPTERS:

1. Quistorff B, Eleff S, Oshino R and Chance B. Tissue Redox Ratio determination in two and three dimensions. In: Use of Isolated Liver cells and kidney tubules in metabolic studies. Eds. JM Tager, HD Soling and JR Williamson. North Holland Publishing, Amsterdam. pp 122-127, 1976.
2. Chance B, Eleff S, Leigh JS: Noninvasive, Nondestructive Approaches to Cell Bioenergetics, Proc Natl Acad Sci, 77:7430-7434, 1980.
3. Chance B, Eleff S, Sokolow D, Sapega A: Mitochondrial Regulation of Phosphocreatine, Phosphate Ratios in Exercised Human Muscle: A Gated ³¹P NMR Study. Proc Natl Acad Sci, 78:6714-6718, 1981.
4. Bloomer MD, Schenck JF, Chance B, Leigh JS, Eleff S: A Compact NMR Transmitter/Receiver System for the Noninvasive Study of Phosphorus Metabolism in Human Beings. General Electric Report 81CR0118, June 1981.
5. Chance B, Eleff S, Bank W, Leigh JS, Warnell R: ³¹P NMR studies of control of mitochondrial function in phosphofructokinase deficient human skeletal muscle. Proc Natl Acad Sci 79:7714-7718, 1982.
6. Berkowitz HD, Eleff S, Warnell R, Chance B: Phosphorus nuclear magnetic resonance (31-P NMR) studies of muscle energy metabolism in peripheral vascular disease. Langebecks Archiv fur Chirurgie 3:200, 1982.
7. D'Ambrosio C, Chance B, Leigh JS, Eleff S: In vivo phosphate levels in small and large animals. In: Noninvasive Probes of Tissue Metabolism. JS Cohen (ed), John Wiley & Sons, Inc., New York, pp. 209-223, 1982.
8. Chance B, Sapega A, Sokolow D, Eleff S, Leigh JS, Graham T, Armstrong J, Warnell B: Fatigue in retrospect and prospect: 31-P NMR studies of exercise performance. In: Biochemistry of Exercise (Int'l. Series in Sport Medicine), Vol. 13. HG Knuttgen, JA Vogal, J Poortmans (eds), Human Kinetics Publishing Co., Chicago, pp. 895-908, 1983.
9. Chance B, Eleff S, Haselgrove JC, Leigh JS Jr, Pekar J, Subramanian HV: Continuous

noninvasive organ biochemistry of rapidly repetitive NMR imaging of brain processes -- Current possibilities and future prospects. Arch Neurol 40:768, 1983.

10. Chance B, Eleff S, Leigh JS, Barlow C, Ligetti L, Gyulai L. Phosphorus NMR. In: Nuclear Magnetic Resonance (NMR) Imaging. CL Partain, AE James, FD Rollow, RR Price (eds), WB Saunders Co., Philadelphia, 29:399-415, 1983.
11. Chance B, Leigh JS Jr, Eleff S, Sapega A, Sokolow D, Berkowitz H, Warnell R. ^{31}P NMR spectroscopy of Animal Brain and Human Limbs. Acta Radiol Suppl (Stockh) 1983;365:73-7.
12. Younkin DP, Delivoria-Papadopoulos M, Leonard JC, Subramanian H, Eleff S, Leigh JS, Chance B: Unique aspects of human newborn cerebral metabolism evaluated with phosphorus nuclear magnetic resonance spectroscopy. Ann Neurol 16:581-586, 1984.
13. Eleff S, Kennaway NG, Buist NRM, Darley-USmar VM, Capaldi RA, Bank WJ, Chance B: ^{31}P NMR study of improvement in oxidative phosphorylation by vitamins K_3 and C in a patient with a defect in electron transport at complex III in skeletal muscle. Proc Natl Acad Sci 81:3529-3533, 1984.
14. Haselgrove JC, Eleff S, Leigh Jr JS, Bolinger L, Subramanian HV, Chance BL: Continuous noninvasive organ biochemistry and NMR imaging of brain. In: Brain Imaging and Brain Function. L Sokoloff (ed), Raven Press, New York, pp. 271-284, 1985.
15. Wilson JR, Fink L, Maris J, Ferraro N, Power-Vanwart J, Eleff S, Chance B: Evaluation of skeletal muscle energy metabolism in patients with heart failure using gated phosphorus-31 nuclear magnetic resonance. Circulation 71:57-62, 1985.
16. Argov Z, Chance B, Maris J, Eleff S, Kennaway NG, Bank WJ, Olson RE: Treatment of mitochondrial myopathy due to complex III deficiency with vitamins K_3 and C: ^{31}P NMR follow-up study. Ann Neurol 19:598-602, 1986.
17. Schnall MD, Bolinger L, Renshaw PF, Haselgrove JC, Subramanian VH, Eleff SM, Barlow C, Leigh JS, Chance B: Multinuclear MR imaging: A technique for combined anatomical and physiological studies. Radiology, 162 (3):863-866, 1987
18. Eleff SM, Subramanian VH, Shinnar M, Renn S, Leigh Jr JS: The synthesis of pulse sequence yielding arbitrary symmetric magnetization vectors. J Mag Res, 72:298-306, 1987
19. Shinnar M, Eleff S: On a generalized pisarenko technique for analyzing the NMR FID. J Mag Res, 76:200-208, 1988.

20. Eleff SM, Schnall MD, Ligetti L, Osbakken M, Subramanian VH, Chance B, Leigh Jr JS: Concurrent Measurements of Cerebral Blood Flow, Sodium, Lactate and High Energy Phosphate Metabolism using ^{19}F , ^{23}Na , ^1H and ^{31}P , Nuclear Magnetic Resonance Spectroscopy. *Magnetic Resonance in Medicine*, 7:412-424, 1988
21. Nishijima MK, Koehler RC, Eleff SM, Hurn PD, Norris S, Jacobus WE, Traystman RJ. Recovery Rates of Evoked Potential, Intracellular pH and bicarbonate ion after ICP-induced ischemia. In: Intracranial Pressure VII, Eds: J.T. Hoff and A.L. Betz, Springer-Verlag Berlin Heidelberg (1989) pp. 938-940.
22. Nishijima MK, Koehler RC, Hurn PD, Eleff SM, Norris S, Jacobus WE, Traystman RJ. High energy phosphates and intracellular pH dynamics after complete cerebral ischemia. *American Journal Physiology*, 257:H1860-H1870, 1989.
23. Brian JE, Eleff SM and McPherson RW. Immediate management following subarachnoid hemorrhage during embolization of cerebral vascular abnormalities. *Journal of Neurosurgical Anesthesiology*, 1:63-67, 1989.
24. Shinnar M, Eleff S, Subramanian H, and Leigh JS, "The Synthesis of Pulse Sequences Yielding Arbitrary Symmetric Magnetization Vectors", *Mag. Res. Med* 12:74-80, 1989.
25. Nishijima MK, RC Koehler, SM Eleff, PD Hurn, S Norris, WE Jacobus and RJ Traystman. Recovery rates of evoked potentials, intracellular pH and bicarbonate ion after ICP-induced ischemia. In: Intracranial Pressure VII. JT Hoff and AL Betz (ed), Berlin Heidelberg, Springer-Verlag, 1989, pp. 437-441.
26. Eleff SM: Neurologic Monitoring. (1991) In: Current Practice in Anesthesiology, 2nd Edition, Ed. M.C. Rogers, B.C. Decker, Philadelphia, PA, pp. 476-478., 1990
27. Eleff SM, Borel CO, Bell WR, Long DM: Acute Management Of Intracranial Hemorrhage In Patients on Thrombolytic Therapy, *Neurosurgery* 26:867-869, 1990.
28. Eleff SM, Barker PB, Blackband SJ, Chatham JC, Johns DR, Bryan RN, Hurko O: Phosphorous magnetic resonance spectroscopy of patients with mitochondrial cytopathies demonstrates decreased levels of brain phosphocreatine. *Annals of Neurology* 27:626-630, 1990.
29. Eleff SM, Maruki Y, Monsein LH, Traystman RJ, Bryan RN, Koehler RC: Sodium, ATP and intracellular pH transients in a new brainstem-sparing model of reversible complete ischemia of dog cerebrum. *Stroke* 22:233-241, 1991.
30. Argov Z, Nioka F, Eleff S, Chance B: The effects of intra-arterial epinephrine on energy metabolism in exercising rabbit gastrocnemius muscle, studied by in vivo phosphorus nuclear magnetic resonance. *J Pharmac Exp Therap* 259:458-463, 1991.

31. Eleff SM, Schleien CL, Koehler RC, Shaffner D, Tsitlik J, Halperin H, Rogers MC, Traystman RJ: Brain bioenergetics during cardiopulmonary resuscitation. *Anesthesiology* 76:77-84, 1992.
32. Sieber FS, Derrer SA, Eleff SM, Koehler RC, Traystman RJ: Hypocapnic-hypoglycemic interaction on cerebral high energy phosphates and pH in dogs. *American Journal of Physiology* 263:H1864-1872, 1992.
33. Maruki Y, Koehler RC, Eleff SM, Traystman RJ: Intracellular pH During Reperfusion Influences Evoked Potential Recovery After Complete Cerebral Ischemia. *Stroke* 24:697-704, 1993.
34. Nichols DG, Buck JR, Eleff SM, Shungu DC, Zuckerberg AL, Norris SE, Robotham JL, Koehler RC, Traystman RJ: Diaphragmatic fatigue assessed by ^{31}P magnetic resonance spectroscopy in vivo. *American Journal of Physiology* 264:C1111-C1118, 1993.
35. Eleff SM, Hart GK, McLennan IJ, Maruki Y, Traystman RJ, Koehler RC: Shift reagent enhanced concurrent ^{23}Na and ^1H magnetic resonance spectroscopic studies of transcellular sodium distribution in the dog brain in vivo. *Magnetic Resonance in Medicine* 30:11-16, 1993.
36. Eleff SM, Kim H, Shaffner H, Traystman RJ, Koehler RC: Effect of cerebral blood flow generated during cardiopulmonary resuscitation in dogs on maintenance versus recovery of ATP and pH. *Stroke* 24:2066-2073, 1993.
37. Koehler RC, SM Eleff, H Kim, H Sugimoto, DH Shaffner, RJ Traystman. Effect of arterial acidemia on cerebral pH and blood flow during cardiopulmonary resuscitation. In: Microcirculatory Stasis in the Brain. M. Tomita (ed), Amsterdam, Elsevier (Excerpta Medica), pp. 343-348, 1994.
38. Sieber FE, Koehler RC, Brown R, Eleff SM, Traystman RJ: Diabetic Chronic Hyperglycemia Hastens Cerebral pH Recovery Following Global Ischemia. *Stroke* 25:1449-1455, 1994.
39. Davis D, Ulatowski J, Eleff S, Izuta M, Mori S, Shungu D, van Zijl PCM: Rapid monitoring of changes in water diffusion coefficients during reversible ischemia in cat and rat brain. *Magnetic Resonance in Medicine*, 31:454-460, 1994.
40. Decanniere C, Eleff S, Sugimoto H, Davis D, van Zijl P: Correlation of rapid changes in the average water diffusion constant and the concentrations of lactate and ATP breakdown products during global ischemia in cat brain. *Magnetic Resonance in Medicine* 1995; 34:343-352.
41. Shaffner DH, Eleff SM and Schleien CL: Cardiopulmonary resuscitation. In Critical Heart Disease In Infants and Children. Eds. DC Nichols and DE.Cameron. pp 367-399, Mosby Year Book 1995.

42. Palmon SC, Sieber FE, Brown PR, Koehler RC, Eleff SM, Traystman RJ: Post ischemic brain ATP recovery and short term diabetes. *J. Cereb Blood Flow and Metab*, 1995; 15:673-680.
43. Ide T, Nichols DG, Buck JR, Eleff SM, Shungu D, Robotham JL, Fitzgerald R, Traystman RJ: High energy phosphate depletion during diaphragmatic fatigue reversed by aminophylline. *Anesthesiology*, 83:557-567, 1995.
44. Eleff SM, Sugimoto H, Shaffner DH, Traystman RJ, Koehler RC: Acidemia and brain pH during prolonged cardiopulmonary resuscitation in dogs. *Stroke*, 1995;26:1028-1034.
45. Levitt RC, Eleff SM, Zhang LY, Kleeberger SR and Ewart SL. Linkage Homology for bronchial hyper-reponsiveness between DNA markers on human chromosome 5q31-5q33 and mouse chromosome 13. *Clin Exper Allergy* 25 (suppl 2):61-63, 1995.
46. Eleff SM, Hanley DH, "Neurologic Prognosis" in Cardiac Arrest: The Science and Practice of Resuscitation Medicine, NA Paradis, HR Halperin and RM Nowak, editors. Williams and Wilkins, 1996
47. RC Koehler, SM Eleff and RJ Traystman, "Global Neuronal Ischemia and Reperfusion" in Cardiac Arrest: The Science and Practice of Resuscitation Medicine, NA Paradis, HR Halperin and RM Nowak, editors. Williams and Wilkins, 1996
48. M. Miyabe, S. Mori, P.C.M. van Zijl, JR Kirsch, SM Eleff, RC Koehler and RJ Traystman, Correlation of the average water diffusion constant with cerebral blood flow and ischemic damage after transient middle cerebral artery occlusion in cats. *J. Cerebral Blood Flow and Metabolism*. 16:881-891. 1996
49. Eleff SM and Halperin HR, New Techniques in Cardiopulmonary Resuscitation. *Current Opinion in Anaesthesiology*, vol 9/1, 1996.
50. PJ Radell, SM Eleff, RJ Traystman and DG Nichols. In-Vivo Diaphragm Metabolism - Comparison of Paced and Inspiratory Resistive Loaded Breathing in Piglets. *Critical Care Medicine* 25 (2): 339-345 1997.
51. RA Kauppinen, SM Eleff, JA Ulatowski, M Kraut, B Soher and PCM van Zijl. Visual Activation in alpha-Chloralose Anesthetised Cat Does Not Cause Lactate Accumulation in the Visual Cortex as Detected by 1H NMR Difference Spectroscopy. *Eur J. Neurosci.*, 9:654-661, 1997.
52. K Holroyd, SM Eleff, G Jakab, LY Zhang and SR Kleeberger. Genetic modeling of susceptibility to nitrogen dioxide-induced lung injury in mice. *American Journal of Physiology* 273 (Lung Cell. Mol. Physiol. 17); L595-L602, 1997.

53. SR Kleeberger, RC Levitt, LY Zhang, M Longphre, J Harkema, A Jedlicka, SM Eleff, D DiSilvestre, KJ Holroyd. Linkage Analysis of Susceptibility to Ozone-Induced Lung Inflammation in Inbred Mice. *Nature Genetics* 17:475-497,1997.
54. NC Nicolaides, KJ Holroyd, SL Ewart, SM Eleff, MB Kiser, CR Dragwa, CD Sullivan, L Grasso, LY Zhang, CJ Messler, SR Kleeberger, KH Buetow and RC Levitt. Interleukin-9: A Candidate Gene for Asthma. *Proc. Natl Acad Science* 94:13175-13180,1997.
55. PCM Van Zijl, D. Davis, SM Eleff, CTW Moonen RJ Parker and JM Strong. Determination of Cerebral Glucose Transport and Metabolic Kinetics by Dynamic Magnetic Resonance Spectroscopy. *Am J Physiol* 273 (Endocrinol Metab 36) E1216-E1227, 1997.
56. PCM Van Zijl, SM Eleff, JA Ulatowski, JME Olga, A Ulug, RJ Traystman and RA Kauppinen. Quantitative Assessment of Blood Flow, Blood Volume and Blood-Oxygenation Effects in Functional Magnetic Resonance Imaging. *Nature Medicine* 4: 159-167,1998.
57. S Mori, SM Eleff, U Pilatus, N Mori and PCM Van Zijl. Proton NMR Spectroscopy of Solvent-Saturable Resonances: A New Approach to Study pH Effects In Situ. *Magnetic Resonance Medicine* 40:36-42, 1998.
58. Holroyd KJ, Martinati LC, Trabetti E, Scherpbier T, Eleff SM, Boner AL, Pignatti PF, Kiser MB, Dragwa CR, Hubbard F, Sullivan CD, Grass L, Messler CJ, Huang M, Hu Y, Nicolaides NC, Buetow KH, Levitt RC. Asthma and Bronchial Hyperresponsiveness Linked to the XY Long Arm Pseudoautosomal Region. *Genomics* , 52(2):233-235, 1998.
59. DH Shaffner, SM Eleff, RC Koehler, RJ Traystman. Effect of the No-Flow Interval and Hypothermia on Cerebral Blood Flow and Metabolism During Cardiopulmonary Resuscitation in Dogs. *Stroke*, 29(12): 2607-15. 1998.
60. DH Shaffner, SM Eleff, A Brambrink, H Sugimoto, M Izuta, RC Koehler, RJ Traystman. Effect of Arrest Time and Cerebral Perfusion Pressure During Cardiopulmonary Resuscitation on Cerebral Blood flow, Metabolism, ATP recovery and pH in Dogs. *Critical Care Medicine*, 27(7):1335-42. 1999.
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62. Varelas P, Bhardwaj A, Eleff S. Critical Care Management of Subarachnoid Hemorrhage. *Brunei International Medical Journal*. 2: 77-91. 2000.
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University of Maryland School of Nursing

Job Description

Program Director

General Description

The program director provides leadership and guidance to faculty and students to ensure that program integrity related to the specialty is implemented and maintained. The Program Director reports directly to the Department Chair and works collaboratively with the Assistant Dean for Master's Studies and the Associate Dean for Academic Affairs.

The Program Director is appointed by the Department Chair in collaboration with the Assistant Dean for Master's Studies.

Qualifications

- Is a recognized expert and/or certified in a specialty.
- Has demonstrated experience in higher education; formal coursework in education preferred.
- Doctoral degree required.

Responsibilities

Teaching

1. Serves as the leader in developing, evaluating, and revising curriculum based on current educational and practice trends in the specialty.
2. Serves at the leader in developing, evaluating, and revising clinical simulation experiences.
3. Facilitates the integration and coordination of "cutting edge" technology that will enhance presentations of curriculum/clinical content (eg. Internet, online courses, virtual reality, etc.)
4. Coordinates the curriculum instruction for the specialty and participates in teaching components of the curriculum.
5. Leads a regular process of evaluation of courses and revises as needed.

6. Participates in the evaluation of student theoretical and clinical experiences.
7. Coordinates the integration of specialty courses with the other graduate level courses.
8. Ensures that the specialty maintains educational standards consistent with accreditation requirements and national standards for the specialty.
9. Coordinates the recruitment and retention of new and existing clinical sites and preceptors (faculty associates).
10. Collaborates with undergraduate course coordinators to ensure appropriate articulation between undergraduate and graduate program content.
11. Collaborates with undergraduate course coordinators to ensure that undergraduate and graduate course content is based on current educational and practice trends in the specialty.
12. Makes recommendations to the Department Chair regarding faculty assignments, faculty hiring, and faculty evaluation.
13. Coordinates the peer review process.
14. Identifies faculty development opportunities and facilitates faculty growth through mentoring activities.

Scholarship

1. Assists course coordinators/faculty to integrate research findings into courses.
2. Creates opportunities for faculty and students' specialty knowledge exchange.
3. Encourages and assists faculty and students in scholarly efforts.
4. Applies for external funding to support program and own scholarship efforts in collaboration with Department Chair and Assistant Dean for Master's Studies.
5. Provides leadership in the dissemination of specialty knowledge.

Application/Administration:

1. Recommends to the Department Chair semester course offerings and helps identify/recruit instructional faculty.
2. Conducts regular forums for faculty and students which address curriculum issues, clinical experiences, certification examination outcomes, course evaluation methods/outcomes, accreditation, accountability, and other concerns.
3. Coordinates the development of short and long-term goals for the specialty in concert with the School of Nursing Strategic Plan.
4. Collects, maintains, and analyzes data for accreditation applications/reports.
5. Coordinates the development of accreditation/accountability reports for the specialty.
6. Contributes to faculty performance reviews and formulation of faculty performance goals and objectives.
7. Verifies that students have met all requirements for graduation and certification eligibility if applicable.
8. Assists the Development Office's creation and maintenance of alumni and donor relationships and partnerships with the corporate and healthcare community.
9. Participates in the school/program marketing and promotional activities for the specialty.
10. Generates and/or facilitates the generation of grant applications to meet funding needs and market opportunities.
11. Provides input to Department Chair for future budgetary planning to sustain and develop the specialty.

Professional and Public Services:

1. Maintains competencies and skills in his/her specialty by maintaining certification (when applicable) and/or practice.
2. Involved in state, regional, and/or national specialty organizations.

Student Services:

1. Provides input into the recruitment and marketing plan and participates in implementation of the plan.
2. Meets regularly with staff from the Office of Admissions and Student Affairs to discuss recruitment, selection criteria, enrollment, and retention issues.
3. Directs the process of timely application review and makes recommendations regarding admission to the graduate school.
4. Maintains direct contact with applicants/students as needed.
5. Provides oversight for ongoing support, including academic advisement, monitoring of student progression, and evaluation of students.
6. Coordinates response to the Assistant Dean for Master's Studies for students in academic jeopardy situations.
7. Actively markets and promotes the specialty to national/international audiences in collaboration with the Office of Admissions and Student Affairs.

Approved 6-14-05

University of Maryland School of Nursing

Job Description

Assistant Program Director

General Description

Major responsibilities for the position of Assistant Director include collaborating with the Director to achieve the mission of the program. Including but not limited to curriculum planning, student recruitment, retention and advisement and didactic instruction.

The Assistant Program Director is appointed by the Department Chair in collaboration with the Program Director.

Qualifications

- Is a recognized expert and certified in a specialty.
- Has demonstrated experience in higher education; formal coursework in education preferred.
- Holds a Masters degree in nursing, doctoral degree preferred.

University of Maryland School of Nursing

Job Description Nurse Anesthesia Program

Director of Clinical Education

General Description

Major responsibilities for the position of Director of Clinical Education include collaborating with the Director to achieve the mission of the program. Including but not limited to planning and coordinating the clinical education phase of the nurse anesthesia program and student recruitment, retention, advisement and didactic instruction.

The Director of Clinical Education is appointed by the Department Chair in collaboration with the Program Director.

Qualifications

- Is a recognized expert and certified in a specialty.
- Has demonstrated experience in higher education; formal coursework in education preferred.
- Holds a Masters degree or higher in nursing.



UNIVERSITY OF MARYLAND

SCHOOL OF NURSING

Nurse Anesthesia Program

Position Description

Clinical Coordinator

Definition of Position:

This is a non-compensated voluntary position within the anesthesia departments utilized by the UMB NAP for clinical training of student nurse anesthetists.

Criteria and Competencies

- Demonstrated competency and interest in the educational process.
- Be a CRNA or anesthesiologist with at least three years of experience.
- Maintain active clinical privileges or credentials at the clinical training facility.
- CRNAs must maintain certification by the Council on Recertification.
- Provide a positive role model for students.

Duties and Responsibilities

- Instruct, teach, and supervise students in the art and practice of anesthesia.
- Assist the Director of Clinical Education in the evaluation of student's clinical performance via submission of written evaluations.
- Act as the liaison and resource for students rotating to the clinical site.
- Ensure that COA standards are adhered to, specifically 1:1 or 1:2 supervision ratios.
- Coordinate student's clinical case mix to meet COA requirements.
- Attend Clinical Coordinator meetings and updates at UMB NAP.
- Promote student safety and provide an enriched learning experience.

Enclosure 5 Clinical Information

- Clinical Coordinator list
- Clinical Coordinator meeting agenda and presentation
- Clinical Site Visit Log
- Class 2007 Clinical rotation schedule (sample)
- Clinical Affiliation agreement (sample)
- Clinical Call schedule Shock Trauma and Sinai Hospital
- Medatrax Summary of Cases Class 2006
- Medatrax Care plan (sample)
- Clinical Semester Objectives

University of Maryland School of Nursing
Nurse Anesthesia Program
Clinical Preceptor List

Clinical Site	Clinical Coordinator	Address	Phone Number	E-mail Address
Johns Hopkins Bayview	Henry Boffen, CRNA Timothy Smith, CRNA Lillian Horan (Sec'y)	4940 Eastern Ave., Rm A387 Baltimore, MD 21224-2735	410.550-0942 410.550-0443 fax 410.283-7432 pager	hboffen@jhmi.edu tholtsmith@aol.com lhoran@jhmi.edu
Johns Hopkins Hospital	Maribeth Massie, CRNA, MS	600 N. Wolfe Street Blalock 1415 Baltimore, MD 21287-4963	410.955.2521 offc. JHH 410-283-9330 pager 443-604-2423 Cell 212-305-8563 offc. Columbia	mhm52@columbia.edu mbmassie@yahoo.com
Kernan Hospital	Edwin J. Villamater, MD Chief, Anesthesiology	220 Kernan Drive Baltimore, MD 21207	410.448-6667 410.448-2796 fax	evillamater@comcast.net
St. Agnes Hospital	Carol Davis, CRNA, MSNA Chief Nurse Anesthetist	900 Caton Avenue Baltimore, MD 21229	410.368-3045 410.951-4009 fax	gasgal@comcast.net
Sinai Hospital, Baltimore	George Maex, CRNA Chief Nurse Anesthetist	2401 W. Belvedere Avenue Baltimore, MD 21215-5271	410.601-5209 410.601-9744 fax 410.408-8958 pager	gases4u@aol.com
UMMS Shock Trauma Center	Leanne Downey, CRNA, MS Division of Anesthesiology	22 S. Greene Street Baltimore, MD 21201	410.328-2628 410.328-3138 fax5 410.328-2337 pager 1524 443.463-8704 cell 410.328-7427 sick call	ldowney@umm.edu
Union Memorial Hospital	Gage (Kathleen) Parr, MD Chief, Dept. of Anesthesia Donna Starvis, Admin Asst donna.starvis@medstar.net	201 E. University Parkway Anesthesia Department Baltimore, MD 21218		kathleen.parr@medstar.net

Clinical Site	Clinical Coordinator	Address	Phone Numbers	E-mail Address
Upper Chesapeake Medical Center	Jeremy Durel, CRNA, MS Susan Bechannon, Adm.Asst. 410.643.4011	500 Upper Chesapeake Drive Bel Air, MD 21014	443.643.4011 MD on call 410.420.7630 offc. 410.879.3585 hm 443.528.4353 cell 410.399.9052 pager	jbdurel@clearviewcatv.net
Veterans Affairs Medical Center – DC	Pat Block, CRNA, MS Barbara Stewart, Sec'y 202.745.8607	50 Irving Street, N.W. Washington, DC	202.745.8607 202.236.8639	PTBLOCK@hotmail.com
Baltimore VA Medical Center	Robin Worsham, CRNA *Racheal Jones racheal.jones@med.va.gov 410.605.7000 x7045	10 N. Greene Street Baltimore, MD 21201	410.605.7235 410.605.7793 fax 410.605.7000 x 5641 OR 410.447.6108 pager 301.733.1358 hm 301.401.6160 cell	worshamrobin@msn.com
Southern Maryland	Scott Eleff, MD Carol DiStasio 301 868-8000 x 1874	7503 Surratts Road & Rt. 5 Clinton, MD 20735	301 868-8000 x 1874	eleff@uic.edu
Franklin Square Hosp. Center	John Vincent, MD	9000 Franklin Square Dr. Baltimore, MD 21237	443 777-7957	John.m.vincent@medstar.net
Washington County Medical Ctr.	Toby McCarty, CRNA Ruth Leizear	251 E. Antietam Street Hagerstown, MD 21740	301 790-8619 301 790-8607 fax	leizear@wchsys.org



UNIVERSITY OF MARYLAND

SCHOOL OF NURSING

Nurse Anesthesia Program Clinical Coordinator Meeting January 25, 2007

AGENDA

1. Introductions
2. Graduation and review of Class 2006 achievements
3. Program Semester Objectives and Daily Evaluations
4. Student Malpractice Insurance
5. Review Class 2007
 - Case numbers and experiences
 - Clinical rotation schedule - timing and rotation process
 - Clinical evaluation and progress of each student summarized
 - Student Requirements for Clinical Sites
6. Discuss Program Schedule for 2007
 - Class room
 - Professional meetings
 - Other time off
7. Discuss Class 2008 Shadowing and Lab sessions
8. COA visit scheduled for May 7-8, 2007
 - Need CV ASAP
 - Visit clinical sites
 - Additional documents?



UNIVERSITY OF MARYLAND

SCHOOL OF NURSING

NURSE ANESTHESIA PROGRAM CLINICAL COORDINATORS MEETING MAY 17TH, 2006

1. Introductions
Lou Heindel

2. Sponsor
Bill Ranken
Baxter Healthcare

3. Program Update
Lou Heindel

4. Questions

Baxter Baxter Baxter Baxter

Thank you for your continued support!

WELCOME University of Maryland Nurse Anesthesia Program

Lou Heindel, DNP, CRNA
Assistant Professor and Director
heindel@son.umaryland.edu



NAP Faculty

- Farewell: Caleb Rogovin and Linda Young
- Welcome:

Matt D'Angelo, CRNA, MS
Assistant Program Director

mdangelo@son.umaryland.edu

443-803-1974

Michelle Duell, CRNA, MS
Director of Clinical Education



NAP UPDATE Class 2006

- 17 students
- 500+ total cases
- Peds 2-12 yo and < 2 yo
 - 50+ JHH, Kernan, Sinai
- OB St Agnes, Sinai
 - 30+ C/S
 - 50+ L/E
- ASA III/IV
 - +200
- Spinal/Epidurals
 - 70+
- Extremity Blocks
 - 30+ Kernan
- Fiberoptic Intubations
 - 10+
- A-line/Central lines
 - 30+



Affiliation

- Kernan
- JH Bayview
- JHH
- Sinai
- St. Agnes
- Shock Trauma
- UMMS
- Union Memorial
- Upper Chesapeake
- VA Baltimore
- VA DC
- Strengths
 - Trauma
 - Peds
 - OB
 - Regional
 - Cardiovascular
 - Neuro
 - Electives: ICU/Burn, Pain Rotations
- Limitations
 - Increasing clinical sites
 - Teaching in the OR
 - Case discussion



Quality Improvements

- Thoracic
- Neuroanesthesia
- Endocrine
- ENT/Oral surgery
- Orthopedics
- Pain Management
- Anesthesia in Remote locations
- Outpatient Anesthesia
- Post-anesthesia Care
- Obesity/COPD
- Evidenced Based Research Practices
- Pharmacokinetics
- Cardiac pharmacology
- "Cart" Medication Cards/Quizzes
- Oral Board/Case discussion



Quality Improvements

Intensive Summer Preparation

- Simulation Lab: SimMan
 - Airway management
 - Induction
 - Crisis Management: Laryngospasm, Bronchospasm, Hypotension, Hypertension
- Hands-On Lab
 - Charting
 - Cart Setup
 - Difficult Airway Techniques
 - Spinal/Epidural
 - Anatomy review/Cadaver lab



Clinical Rotation Schedule Class 2007 (22)

- Implement "home base" clinical site rotations
- SRNAs assigned to one of six clinical sites
 - JH Bayview (5)
 - JHH (4) ?
 - St. Agnes (3)
 - Sinai (4)
 - UMMS (2)
 - UPC (3)

Total: 21

Short 1-2 clinical sites



Clinical Rotation Schedule Class 2007 (22)

- 6 shadow days (Mon)
 - Check-in, ID, parking
 - Charting, routines
 - Care plans –one week
 - Follow senior students or staff
 - Begins Monday June 12th
- July 24th – Aug 25th
 - Clinical 5 days week



Clinical Rotation Schedule Class 2007 (22)

- Out-Rotations begin in December 06
- One Month Rotations
 - Kernan*: 2 students (7A-4P & 11A-late stay)
 - Union Memorial: 2 students
 - Shock Trauma: 3 students (3 12hr shifts)
 - VA Baltimore and DC: 1 student each VA
 - OB at St. Agnes: 2 students (7A-7P & 7P-7A)
- SRNAs will rotate back to primary clinical site every 1-2 months

*Two month rotation



Clinical Schedule 2006

- Students will attend AANA Annual Meeting. Out of OR August 4 – 11
- Fall Semester begins August 28th
 - 3rd year, Class 2006 at UMB Mondays
 - 2nd year, Class 2007 at UMB Fridays



THANK YOU

- Johns Hopkins Hospital
- University of Maryland Medical System
- Kernan Hospital
- MedStar Health



[illegible]

[illegible]

[illegible]

University of Maryland Nurse Anesthesia Program Clinical Site Rotation Schedule

Name	Aug-Dec	Jan07	Feb07	Mar07	Apr07	May07	Jun07	Jul07	Aug07	Sep07	Oct07	Nov07	Dec07
1 AMOS, Veronica	JHB	SM	SM	JHB	VAB	JHB		STC	SM	SMOB	SM	VADC	
2 ELLER, Carolyn	JHB	UPC	UPC	JHH	JHH	VAB		KH	KH	WC	STC	SMOB	
3 KIM, Soo-Ok	JHB	VAB	SAOB	JHB	STC	UPC	UPC	VADC		MERC	SAH	FS	
4 MANOSALVA, Yamile	JHB	UPC	UPC	UMMS	UMMS	JHH	JHH	FS	FS	STC	SAOB		
5 BANANKHAH, Soudabeh	JHB		FS	JHB	JHB	UMMS	UMMS	SAOB	STC	VADC	VAB	MERC	
6 MITCHELL, Jacqueline	JHB		VADC	SM	SMOB	STC	SM	UMMS	UMMS	SM	SM	BVO	
7 BROUSSARD, Michael	JHH	SAOB	STC	KH	KH	JHH	JHH		BVO	FS	WC	VAB	
8 FREEDMAN, Lauren	JHH/FS	FS		JHH	JHH	SAOB	VAB	STC	WC	KH	KH	UMMS	
9 SCOTT-HERRING, Mary	JHH	JHH	JHH	UPC	UPC	STC	MERC	BVO	SAOB	UMMS	UMMS	KH	
10 JUBB, Annette	SAH	UMMS	UMMS	JHH	JHH	UPC	UPC	VAB	SMOB		FS	STC	
11 BRADLEY, Chrystal	SAH	SAH	SAH	STC	STC	SAH	JHB	WC		SAOB	FS	FS	
12 DAVIDSON, Amber	SAH/OB	STC	JHBV	SAH	UPC	UPC	UPC	WC	SAH	KH	KH	SAH	
13 BADGER, Samuel	SHB	SHB	SHB	STC	SHB		SHB	KH	KH	SHB	SHB	SHB	
14 BERBARY, Brian	SHB	SHB	STC	SHB	SHB	KH	KH	SHB	SHB		SHB	SHB	
15 CAPEN, Karen	SHB	STC	SHB	KH	KH	SHB	SHB		SHB	SHB	WC	SHB	
16 Hemrick, Matt	SHB	KH	KH	SHB	SHB	SHB	STC	SHB	SHB	SHB		SHB	
17 BENNETT-HASKINS, Avonny	UMM	JHB	VAB	UPC	UPC	FS	SAOB	JHH	JHH	STC	VADC		
18 CLINE, Cheryl	UMM	JHH	JHH	STC		SHB	SHB	SHB	MERC	BVO	SHB	KH	
19 FAYER, Anne Michelle	UMM	JHB	JHB	UPC	UPC	JHH	JHH	SMOB	FS	FS		STC	
20 AKPADIAHA, Israel	UPC	UPC		JHH	JHH	STC	FS	FS	WC	VAB	MERC	SAOB	
21 DRAGER, Emilene	UPC	JHH	JHH	SAOB		KH	KH	STC	VAB	WC	BVO	MERC	
22 SWIER, Sarah	UPC	KH	KH	UPC	SAOB		STC	MERC	MERC	JHH	JHH	JHH	

Key:	Name:	Key:	Name:	Key:
UMM	Union Memorial		VA DC	VAW
SAH	Kernan	KHC	St. Agnes OB	SAHOB
STC	Sinai	SHB		
JHH	JHB	JHB		
VAB	Upper Chesapeake	UPC		

UNIVERSITY OF MARYLAND
SCHOOL OF NURSING

AGREEMENT REGARDING CLINICAL EXPERIENCE

This Agreement between the University of Maryland School of Nursing and Southern Maryland Hospital is effective during an academic year extending from September 2006 through August 2007. This Agreement will be reviewed at the end of the academic year; modifications or changes may be made at that time. Should either party request termination, such written notice should precede the desired termination date by at least three months. Unless terminated, the Agreement will be automatically renewed for another year, and successive years, without action by the parties. *Inc. Cps*

The University of Maryland School of Nursing ("School") and Southern Maryland Hospital ("Site") agree as follows: *Inc. Cps*

Faculty of the School of Nursing will:

1. Communicate with the Director of Nursing concerning plans for teaching students in the clinical areas made available to the School.
2. Review with the Site's designated liaison the philosophy of the School and the objectives for the clinical experience in question.
3. ~~Communicate information concerning numbers of students and faculty utilizing certain clinical areas with detail as to days and hours involved, as mutually agreed upon.~~
4. ~~Assign students and provide concurrent teaching and supervision of students' practice.~~
5. Assure that the faculty who has the function of guiding and supervising students' practice is a competent practitioner and teacher.
6. Abide by the policies and regulations of the Site.
7. Reimburse the Site for the cost to repair or replace, if repair is not possible, equipment damaged or broken as a result of student or faculty use; provided, however, that the School's responsibility is limited to that permitted by law (Maryland Tort Claims Act, SS 12-101 - 12-110, State Government Article, Annotated Code of Maryland) and provided by insurance coverage funded by the State Treasurer for the State of Maryland.
8. Require that students and faculty have \$1,000,000/\$3,000,000 professional liability insurance (under the State of Maryland's blanket policy for its health professions students and faculty) applicable to educational experiences pursuant to programs of the school, and provide a certificate of coverage upon request.

Southern Maryland Hospital will:

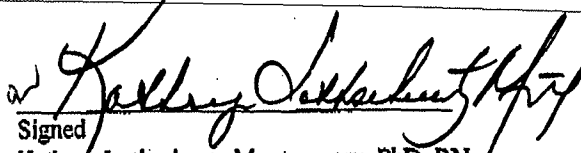
1. Allow faculty opportunity for orientation to the health care facility and the clinical areas involved.
2. Provide clinical facilities suitable for fulfillment of objectives of the course in question.
3. Within normal limitations imposed by the institutional setting provide classroom, conference, and office space adequate for student experience.
4. Allow students and instructors to use available cafeteria facilities at their own expense.

5. Provide first-aid for injuries to students and faculty on the facility premises (any illness or injury requiring medical attention beyond first-aid becomes the responsibility of the student or faculty member involved).
6. Retain the ultimate responsibility for patient care.
7. Allow the student, as a health care provider, to request patient testing, if a student is exposed to body fluids as defined in SS 18-338.1, Health-General Article, Annotated Code of Maryland ("the Section"), during clinical experience at the Site. The Site will promptly notify the School of any exposure of a student described in the Section and will work with the School and the University student health director or designee to provide follow-up information needed for the student's health care plan.

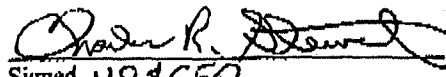
Relationship between the School of Nursing and Southern Maryland Hospital

1. It is expressly understood and agreed that this Agreement is not intended and shall not be construed to create the relationship of agent, servant, employee, partner, joint venture, or association between the School, any of its students, and Site but is only an agreement between independent contractors.
2. The University will not seek to hold Southern Maryland Hospital responsible for any claim, loss, damage, cost, or judgment against the University to the extent that such matter relates solely to the performance or non-performance of the responsibilities or obligations of the University or its employees, students, faculty, and agents. Southern Maryland Hospital will not seek to hold the University responsible for any claim, loss, damage, cost, or judgment against Southern Maryland Hospital to the extent that such matter relates solely to the performance or non-performance of the responsibilities and obligations of Southern Maryland Hospital or its employees or agents.

Date 6-1-06


Signed
Kathryn Lothschuetz Montgomery, PhD, RN
Associate Dean for Organizational Partnerships,
Outreach and Clinical Enterprise
University of Maryland School of Nursing

Date 5/24/06


Signed VP & CFO
Director/CEO
Southern Maryland Hospital, Inc. *CPS*

Addendum to Clinical Education Agreement Between
Southern Maryland Hospital and
University of Maryland School of Nursing

This Addendum is made this 24 day of May, 2006, by and between the University of Maryland School of Nursing ("University") and Southern Maryland Hospital, Inc. ("Hospital"), as an addendum to the Agreement Regarding Clinical Experience between University and Hospital dated May 24, 2006 ("Agreement").

Whereas, University and Hospital desire to add additional terms and conditions relating to criminal background checks in the above referenced Agreement, maintaining all other terms and conditions of the Agreement, by adding the following language in this Addendum to be attached to and become a part of the Agreement:

Criminal Background Checks. Pursuant to Hospital's policies, students participating in the clinical program at the Hospital's facility are subject to certain criminal background check reports and reviews prior to participation in Hospital's clinical placement program. The criminal background check shall be performed by a qualified background check provider designated under the Maryland Hospital Association criminal background check program ("Third Party Administrator"). The responsibilities of the parties with respect to criminal background checks are as follows:

1. The University shall notify students of the requirement of a criminal background check at the earliest possible opportunity, preferably prior to enrollment in the program. The University will communicate to the student any eligibility standards communicated by the Hospital to the University that would exclude the student's participation in the clinical placement at the particular facility. The University will inform the student that it is his/her responsibility to pay for the background check and to complete it prior to clinical placement. For a specific clinical placement at Hospital's facility, the background check must be completed no earlier than one year prior to the student's initial clinical placement at Hospital's facility.
2. The Hospital shall set eligibility standards for determining who may participate in its clinical program and shall be responsible for application of these eligibility standards to the results of the background checks. To the extent that these standards can be articulated, the Hospital agrees to notify the University of eligibility standards so that the University can provide this information to its students.
4. If the Hospital determines that a student will not be allowed to participate in the clinical program because of the results of the criminal background check, the requesting facility will notify the Third Party Administrator of the student's

ineligible status. Based on this notification, the Third Party Administrator will notify the University; the University will not send the student to Hospital's facility for the clinical program.

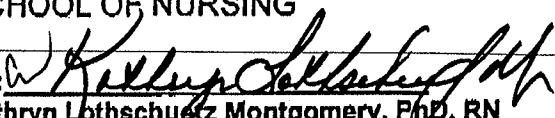
5. If a student is already an employee of Hospital, Hospital will allow the student to participate in the clinical program at the facility without the need to obtain an additional criminal background check.

6. Recognizing that students enrolled in the clinical programs at University will potentially participate in multiple clinical placements at multiple facilities, Hospital agrees to utilize the report results of students' criminal background checks performed by the Third Party Administrator.

7. The parties understand that the Third Party Administrator is responsible for ensuring compliance with the Fair Credit Reporting Act ("FCRA"), 15 U.S.C. Section 1681, et seq. The University shall inform students excluded from clinical placement on the basis of a criminal background check of the review or appeal process available through the Hospital pursuant to the FCRA or any other law or policy, if any.

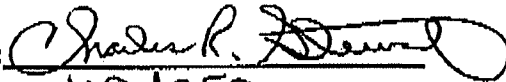
UNIVERSITY OF MARYLAND
SCHOOL OF NURSING

Date: 6-1-06

By: 
Kathryn Lothschuetz Montgomery, PhD, RN
Associate Dean for Organizational
Partnerships, Outreach and Clinical
Enterprise

SOUTHERN MARYLAND
HOSPITAL, INC.

Date: 5/24/06

By: 
VP & CFO

SINAI HOSPITAL OF BALTIMORE SRNA SCHEDULE

D - 7a-5p		D - 7a-3p				C - 3p-7a				X - Off / Out				- Vacation				H - Holiday														
MONTH: SEPT.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1
YEAR: 2006	F	SA	SU	M	T	W	TH	F	SA	SU	M	T	W	TH	F	SA	SU	M	T	W	TH	F	SA	SU	M	T	W	TH	F	SA	SU	
Georgetown University Nurse Anesthesia Program																																
S. LINTON																																
JHB																																
B. RIVA																																
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B. ROGERS																																
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B. PERPER																																
NEURO																																
G. ANDERSON																																
SATPAIN																																
T. CARPENTER																																
R. LIBUTTI																																
M. HEMRICK																																
REG																																
B. BERBARY																																
GEN																																
S. BADGER																																
GEN																																
K. CAPEN																																
GEN																																
D																																
GEN																																
Totals: D	10																															
C	1																															

Student Requests/Vacation

Winter VAC 11-15

Riva VAC 25-29

Rogers off 30th

Georgetown Classes

Tuesdays

UM Classes

Monday

Rotations

ENT

Cysto

Gen

Gyn

OB

Ortho

Vasc.

Peds

Amb

Plast.

Neuro

Thor.

Sat/Pain

Reg.

Out-Rotations

UPC

SAH

PGH

UMH

KHC

Upper Chesapeake

St. Agnes

Prince George's Hosp.

Union Memorial

Kerman Hospital

Georgetown Univ.

JHB

BST

VAB

VADC

WHC

JH Bayview

Balto ST

VA Balto.

VA DC

Wash. Hosp. Center

UMMC

Univ. MD

FEBRUARY 2007

Shock Trauma Center Anesthesiology

SRNA Schedule

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 A: Berbary/ Conley ORIENTATION-ALL	2 A: Berbary/ Magich P: Su/ D'Angelo	3 A: Broussard/Howie P: Su/ Sampson
4 A: Broussard/Duell P:	5 A: P:	6 A: Berbary/ Downey P: Su/ Alex	7 A: Berbary/ Gabriel P: Su/ Locke	8 A: Broussard/Magich P:	9 A: Broussard/Batoon P: Su/ D'Angelo	10 A: Berbary/ Goetz P: Su/ FELLOW
11 A: Berbary/ Anderson P:	12 A: P:	13 A: Broussard/Downey P: Berbary/ Natalie	14 A: Broussard/Conley P: Berbary/ Locke	15 A: Su/ Goetz P: Berbary/ Alex	16 A: Su/ Hartman P: Broussard/D'Angelo	17 A: Su/ Kelly P: Broussard/McDonald
18 A: P:	19 A: P:	20 A: Su/ Gabriel P: Broussard/ Alex	21 A: Su/ Magich P: Broussard/Locke	22 A: Su/ Batoon P: Broussard/Natalie	23 A: P: Berbary/McDonald	24 A: P: Berbary/McDonald
25 A: P:	26 A: P:	27 A: Berbary/ Howie P: Broussard/ Alex	28 A: P:			

SRNA

Brian Berbary
Mike Broussard
Mindy Su

SCHOOL

University of Maryland
University of Maryland
Columbia University

Medatrax

(Close)

Class Totals Summary Report

Class of 2006

Description	Req'd	Recm'd	Total	Avg.	Min.	Max.
Totals						
Total Number of Cases	550	650	13814	812.59	<u>716</u>	<u>951</u>
Class III & IV	100	-	5704	335.53	<u>228</u>	<u>530</u>
Class V	-	5	94	6.27	<u>1</u>	<u>14</u>
Special Cases						
Geriatric	50	100	3290	193.53	<u>112</u>	<u>276</u>
Pediatric 2-12 years	25	75	801	47.12	<u>28</u>	<u>89</u>
Pediatric under 2 years	10	25	256	15.06	<u>10</u>	<u>34</u>
Neonate	-	5	17	1.89	<u>1</u>	<u>6</u>
Emergency	30	50	1336	78.59	<u>31</u>	<u>153</u>
Ambulatory Outpatient	100	-	4612	271.29	<u>118</u>	<u>388</u>
Positions Category						
Prone	20	-	790	46.47	<u>33</u>	<u>91</u>
Lithotomy	25	-	1474	86.71	<u>53</u>	<u>118</u>
Lateral	5	-	954	56.12	<u>31</u>	<u>122</u>
Sitting	5	-	505	29.71	<u>7</u>	<u>94</u>
Anatomic Categories 1						
Intra-Abdominal	75	-	4062	238.94	<u>112</u>	<u>360</u>
Extrathoracic	15	-	518	30.47	<u>18</u>	<u>59</u>
Extremities	50	-	5023	295.47	<u>191</u>	<u>693</u>
Anatomic Categories 2						
Perineal	15	-	1551	91.24	<u>50</u>	<u>134</u>
Extracranial	15	-	1068	62.82	<u>35</u>	<u>114</u>
Intracranial	5	20	252	14.82	<u>5</u>	<u>38</u>
Oropharyngeal	20	-	1616	95.06	<u>60</u>	<u>145</u>
Anatomic Categories 3						
Intrathoracic	15	40	570	33.53	<u>15</u>	<u>94</u>
Heart	5	10	226	13.29	<u>6</u>	<u>34</u>
Lung	5	-	137	8.06	<u>5</u>	<u>16</u>
Neck	5	10	605	35.59	<u>17</u>	<u>96</u>
Neuroskeletal	20	-	888	52.24	<u>23</u>	<u>113</u>
Obstetrics	30	40	1180	69.41	<u>40</u>	<u>132</u>
Caesarean Section	10	15	494	29.06	<u>18</u>	<u>51</u>
Vascular	10	20	840	49.41	<u>17</u>	<u>102</u>

Methods of Anesthesia

General anesthesia	350	-	9500	558.82	<u>425</u>	<u>783</u>
Intravenous induction	200	-	9022	530.71	<u>379</u>	<u>688</u>
Mask induction	10	25	1236	72.71	<u>35</u>	<u>174</u>
Mask management	25	40	2871	168.88	<u>36</u>	<u>566</u>
Laryngeal mask airway Placement & management	25	40	1596	93.88	<u>55</u>	<u>155</u>
Endotracheal intubation	175	-	8625	507.35	<u>396</u>	<u>678</u>
Oral	200	-	6378	375.18	<u>262</u>	<u>516</u>
Fiberoptic	5	15	454	26.71	<u>11</u>	<u>64</u>
Endotracheal management	175	-	6744	396.71	<u>287</u>	<u>516</u>
Total intravenous anesthesia	10	25	1494	87.88	<u>29</u>	<u>203</u>
Emergence from anesthesia	200	-	9371	551.24	<u>400</u>	<u>666</u>
Management	30	-	2796	164.47	<u>101</u>	<u>282</u>
Administration	25	-	2375	139.71	<u>86</u>	<u>260</u>
Spinal	-	50	760	44.71	<u>26</u>	<u>68</u>
Epidural	-	50	1027	60.41	<u>37</u>	<u>171</u>
Monitored anesthesia care	25	50	1781	104.76	<u>55</u>	<u>163</u>

Pharmacologic Agents

Inhalation Agents	200	-	9827	578.06	<u>469</u>	<u>686</u>
Intravenous Induction Agents	200	-	15877	933.94	<u>506</u>	<u>1378</u>
Muscle relaxants	200	-	9862	580.12	<u>435</u>	<u>994</u>
Opioids	200	-	14127	831	<u>641</u>	<u>1062</u>
Intravenous agent - other	50	-	23514	1383.18	<u>719</u>	<u>2682</u>

Anesthetic Management

Nonanesthetic intubations	-	5	133	9.5	<u>2</u>	<u>25</u>
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Arterial Technique

Arterial puncture/catheter insertion	25	-	1214	71.41	<u>44</u>	<u>114</u>
Intra-arterial BP monitoring	25	-	1480	87.06	<u>49</u>	<u>131</u>

Central Venous Pressure Catheter

Placement	5	10	486	28.59	<u>14</u>	<u>64</u>
Monitoring	15	-	598	35.18	<u>16</u>	<u>67</u>

Pulmonary Artery Catheter

Placement	-	5	142	8.35	<u>2</u>	<u>17</u>
Monitoring	-	10	186	10.94	<u>4</u>	<u>20</u>

Other

Intravenous catheter placement	100	-	3991	234.76	<u>118</u>	<u>610</u>
Mechanical ventilation	200	-	7396	435.06	<u>268</u>	<u>555</u>
Capnography	-	100	10893	640.76	<u>569</u>	<u>708</u>

Cardiopulmonary resuscitation (CPR)	-	5	49	3.27	<u>1</u>	<u>9</u>
Pain management	-	10	2179	128.18	<u>8</u>	<u>597</u>
Non-surgical Experience						
Patient Assessment						
Committed Time						



UNIVERSITY OF MARYLAND

NURSE ANESTHESIA PROGRAM**Student:****Date:** 10/25/2006**CRNA/MDA:**

Roberts

Care Plan # SA00916782**Description of Surgical Procedure** Laparoscopic Hysterectomy?BSO**Allergies** PCN, ASA**Vitals:****BP****HR****RR****TEMP****SP02****Age** 50**Gender**

F

Height

5'7

Weight

110kg

ASA

Class III ▼

Airway Assessment: (250 Characters Max)

MO 2.5 FB, MP3, TMD 6cm, only upper teeth are two front teeth, and one of those is a damaged cap that the pt says she 'glued on' lower front teeth intact, all molars gone.

Labs:

135

104

22

253

4.5

20

1.4

7.0

13.1

38.2

371

Diagnosis (250 Characters Max)

uterine fibroids

EKG: NSR**Other Labs:** 10/19 HCG -, need to make sure pt is typed and screened prior to surgery (done DOS)**Physical Assessment Narrative:**

obese, anxious pt, here for lap hysterectomy, hx of bipolar with multiple psych admissions. Chronic pain issues back, legs, R arm.

Pre-Op Assessment**Respiratory**

Asthma, Sleep Apnea (does not wear CPAP), smoker 1/2 PPD

CV

HTN, denies chest pain,

Neurological

reports neuropathies in legs/feet

GI/Hepatic

NIDDM not well controlled-preop Fingerstick was 300, Novolin insulin 10units IV was given. Blood glucose was recheck intraop 230 and was to be recheck in PACU, surgeon aware of the need to manage this medical issue postoperatively.

Other

Cervical Radiculopathy, bilateral arm, back, leg pain (will question pt further in preop interview and will be very careful in positioning and documenting pt condition.

Bipolar disorder

Prior Surgeries Surgeries/ Complications/Family HX

cholecystectomy

Current Medications

(Include comments about medication, action, dose/frequency and interaction with anesthetic drugs)

Lexapro - SSRI. If given with anticholinergics can have increased risk of serotonin syndrome.

Dyazide - hydrochlorothiazide and triamterene combo. if given the morning of surgery it may make the patient volume depleted and bp may be labile during GA.

Albuterol- beta2 agonist. Ask pt about frequency of use. Use with caution in pts with cardiovascular dx, DM, hyperthyroidism and hypokalemia- increases risk of arrhythmias, increased glucose and decrease K.

Tegretol-anticonvulsant- used for tx of seizures as well as neuralgia. Black box warning- drug can cause aplastic anemia and agranulocytosis

Glucovance-combo drug glyburide-(sulfonurea. Increases insulin secretion. Can cause hypoglycemia. Sulfa based drugs can decrease action. Hold day of surgery.) and Glucophage (Metformin) - Biguanide, may see megaloblastic anemia (rarely), large volume of distribution, may see lactic acidosis with patients in renal or liver failure or with the administration of contrast agents. Metformin should be held for 48 hours after contrast.

Anesthetic Plan

(Induction, maintenance, emergence)

GETA-

Preop: Versed 2mg

Induction: Fentanyl 100mcg, Lidocaine 100mg, Propofol 200mg, Zemuron 50mg

Maintenance: Desflurane (MAC 6%), Fentanyl 1-2 mcg/kg/hr Morphine titrated in at end of case.

Prevention of PONV: Zofran 4mg, Reglan 10mg

Emergence: Neostigmine 4mg, Robinul 0.6mg

Additional Monitors or Lines (other): (250 Characters Max)

Standard monitors, foley, fluid warmer

Positioning and Related Anesthetic Concerns

The lithotomy position can impair respiratory mechanics with increased pressure on the diaphragm. Rarely hemodynamic changes can occur when the legs are placed up in stirrups from the increased venous return, but more commonly there are problems with hypotension once the legs are lowered. There is potential for injury to the common peroneal nerve if pressure over the fibula is not prevented. Hyperflexion of the hip joint can cause femoral and lateral femoral cutaneous nerve palsy. Obturator and saphenous nerve injuries are also complications of the lithotomy position. If arms are tucked at sides you need to be very careful to avoid finger injury when manipulating the foot of the bed. Trendelenberg can also be used which can cause increased intraabdominal pressure, increase pressure on lungs.

This pt has chronic pain complaints, it will be very important to assure that all pressure points are well padded and positioned to avoid nerve injury.

Estimated Blood Loss $\sqrt{100-800}$ cc

EBV = $(\sqrt{7700})$ cc/kg)

ABL = $\sqrt{1500}$ (to HCT $\sqrt{30}$ %)

Actual Anesthetic: (250 Characters Max)

Anesthetic as planned except pt was intubated using Succinylcholine because of her potential difficult airway. Blood loss was 700ml, Hemocue checked was 10.5.

Fluids:

1st hr

2nd hr

3rd hr

4th hr

5th hr

Deficit =	<input type="text" value="1200"/>	<input type="text" value="600"/>	<input type="text" value="300"/>	<input type="text" value="300"/>	<input type="text"/>	<input type="text"/>
Maint. =	<input type="text"/> ml/hr	<input type="text" value="150"/>	<input type="text" value="150"/>	<input type="text" value="150"/>	<input type="text"/>	<input type="text"/>
3 rd space =	<input type="text" value="225"/>	<input type="text" value="225"/>	<input type="text" value="225"/>	<input type="text" value="225"/>	<input type="text"/>	<input type="text"/>
ml/hr						
Total =	<input type="text"/>	<input type="text" value="975"/>	<input type="text" value="675"/>	<input type="text" value="675"/>	<input type="text"/>	<input type="text"/>
Hourly EBL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hourly EBL Replacement	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Running Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

Pt may have bowel prep night prior to surgery, if so will add 1000ml to NPO status. Insufflation of the abdomen can cause increased SVR, and decreased venous return, increased PaCO₂, increased PIP.

Bradyarrhythmias can occur with fallopian tube stimulation, can tx with Robinul or Atropine, if severe ask surgeon to stop stimulation.



UNIVERSITY OF MARYLAND

SCHOOL OF NURSING

Nurse Anesthesia Program

SEMESTER CLINICAL OBJECTIVES

FIRST SEMESTER CLINICAL OBJECTIVES (JUN - AUG)

At the conclusion of the first semester, the student should be able to:

1. Synthesize an appropriate anesthesia management plan. This should include the demonstration of physical assessment skills. The management plan must analyze and synthesize the pre-existing patient pathology and the implication of the planned operative procedure. The management plan should include estimation of blood volume and allowable blood loss, fluid replacement needed to replace existing deficits and anticipated intraoperative loss, selection of appropriate maintenance fluid, and selection of an appropriate anesthesia technique. The anesthesia technique should include induction, maintenance, and emergence.
2. Demonstrate the ability to perform an appropriate preanesthetic visit. This is to include proper introduction and questioning of the patient as well as obtaining an informed consent for a given anesthesia technique. Proper documentation of findings is critical component of this process.
3. Perform a comprehensive anesthesia machine and monitor assessment. This is to include monitor and anesthesia machine alarm checks. The protocol used for this check should follow that recommended by the Federal Food and Drug Administration or that recommended by the machine or monitor manufacture.
4. Demonstrate a thorough knowledge of the structure, function and use of the anesthesia machine. This should include the principles involved with the function and use of flow meters, vaporizers, flush valve, circle system and unidirectional valves, APL valve, soda lime canister, and scavenging system, mechanical ventilation, and I:E ratios. The student must be able to "trouble-shoot" malfunctions that occur during the course of anesthesia.
5. Apply routine monitors used during the administration of anesthesia. This is to include EKG, blood pressure cuff, pulse oximeter, precordial and esophageal stethoscope, blockade monitor, temperature and end-tidal CO₂ and anesthetic monitors. The applications of monitors should reflect the implications of specific operative procedures.

6. Recognize and respond to specific safety alarms that may be activated during anesthesia. This should include the ability to silence the alarm once the problem has been recognized and appropriate intervention has been taken.

. Prepare the proper airway equipment that will or may be needed during the course of anesthesia. This is to include: a proper functioning laryngoscope and blade, proper size and functioning endotracheal tube, proper size and functioning LMA, if indicated, proper size of oral and/or nasal airway, and tongue blade.

8. Demonstrate the ability to prepare intravenous fluids and perform intravenous cannulation on patients with easily accessible veins. This procedure should be performed with appropriate sterile technique. If an intravenous technique is being used, an appropriate infusion pump should be made available.

9. Demonstrate the ability to properly position patients for the prescribed operative procedure. This is to include techniques used for prevention of nerve injury and limb ischemia. The learner should be able to delineate the physiological implication of the various positions. Associated with positioning, the learner should be able to properly operate the operating table.

10. Discern proper ventilation of the lungs during anesthesia. This is to include the assessment of breath sounds, oxygen saturation, and end-tidal CO₂ levels. The learner shall demonstrate knowledge of the normal and abnormal waveform of the end-tidal CO₂.

1. Prepare the pharmaceuticals needed to accommodate the technique as prescribed by the anesthesia management plan. If the site requires the preparation of emergency drugs, those should also be prepared.

12. Recall the concentration (mg/ml) and dosage (mg/kg) of the intravenous drugs used to administer anesthesia. This includes induction agents, opioids, sedatives, muscle relaxants and reversal drugs. The learner should be able to recall the route of elimination and plasma half-life of these drugs.

13. Recall the minimum alveolar concentration of the inhalational anesthetics (MAC). Included should be the ability to discuss the concept of MAC reduction, second gas effect, and diffusion hypoxia.

14. Demonstrate knowledge of sterile technique and be able to use universal precautions.
15. Demonstrate the ability to properly insert an oral or nasal airway and intubate the trachea. The student should be able to intubate 75% of patients with Mallampati score of 1 to 2. The ability to recognize and properly respond to esophageal or endobronchial intubation must be developed during this Quarter.
16. Create an accurate, neat, and legible anesthetic record. If utilized at an assigned rotation, the student should learn the proper use of automated anesthesia records.
17. Transfer, with appropriate vigilance, the patient to the Post Anesthesia Care Unit.
18. Provide the post anesthesia nursing personnel with an accurate and comprehensive report concerning the operative procedure and current patient status.
19. Perform and document the post-anesthesia visit on any inpatient within a 24 hour post-operative time period. The student should appropriately report any anesthesia related sequelae discerned during the post-anesthesia visit.
20. Demonstrate harmonious, professional interpersonal relationships when working with individuals in the peri operative environment.

SECOND SEMESTER CLINICAL OBJECTIVES (SEPT - DEC)

At the conclusion of the second semester, the student should be able to:

1. Develop, on a progressive continuum, the objectives that were set-forth for the first quarter.
2. Demonstrate appropriate independence when formulating anesthesia management plans. The student should be able to develop management plans for routine procedure i.e., hysterectomy on a ASA physical status I or II patient. The student will still need assistance in planning the management of patients who are having more advanced procedures and/or who have significant pre-existing disease. For example, a patient having a hysterectomy with significant coronary artery disease or a patient scheduled for a neurosurgical procedure.
3. Provide anesthesia for emergency procedures. This is to include emergency intubations on a nursing unit.
4. Develop invasive monitoring knowledge and skills. The student should be able to insert arterial and central lines with assistance. The student should demonstrate knowledge related to interpreting blood gases and invasive monitoring pressures.

THIRD SEMESTER CLINICAL OBJECTIVES (JAN - MAY)

At the conclusion of the third semester, the student should be able to:

1. Refine the skills related to the objectives for the first two clinical quarters.
2. Demonstrate technical skills and knowledge related to regional anesthesia techniques. During this quarter, the students will begin to be assigned to a rotation in obstetrics where they will acquire most of their epidural experience.
3. Develop an increasing ability to administer anesthesia in a smooth manner with limited instructor participation in low risk patients for less complex surgical procedures.
4. Administer anesthesia to patients of all ages for a wide spectrum of surgical procedures. During this quarter, students will begin to do pediatric rotations. Students should, with instructor assistance, consistently administer anesthesia for more complex procedures such as thoracotomy, craniotomy, and major vascular procedures.
5. Demonstrate the ability to insert and manage a LMA with minimal assistance.
6. Demonstrate the skills to initiate and manage a mask general anesthetic

FOURTH (JUN - AUG) AND FIFTH (SEPT - DEC) SEMESTER CLINICAL OBJECTIVES

At the conclusion of the fourth and fifth semester, the student should be able to:

1. Demonstrate increasing growth and competency related to the objectives stated for clinical quarters one through three.
2. Demonstrate appropriate independent skills in the management of anesthesia induction, maintenance, and emergence in a broad spectrum of surgical procedures. These procedures should include emergency, intrathoracic, intracranial, and vascular. The student should be competent in estimating blood and fluid loss and administer the appropriated volume replacement.
3. Administered anesthesia to all A.S.A. class patients, utilizing a wide variety of agents, techniques and skills. Where possible, be an active participant in regional anesthesia.

Enclosure 6 Budget Resources Information

- HRSA Grant Budget summary
- Program Budget summary
- UMB Student Services available
- UMB HS & HSL Resources
- SON Facility summary
- SON Clinical Simulation Labs information

FOR INTERNAL USE ONLY

Lou Heindel
 HRSA D09HP05307 (UMB Project ID 10000323)
 Project Period: July 1, 2006 - June 30, 2007

HRSA BUDGET - YEAR 2

NAME	ROLE	% EFFORT	HOURS/WK	BASE SALARY	SALARY	33% BENEFITS	YEAR 2 TOTAL
Lou Heindel	PI/Project Director	24%	9.41	159528	\$ 37,531	\$ 12,385	\$ 49,916
Patricia Morton	Program Mgr.	9%	3.80	116727	\$ 11,082	\$ 3,657	\$ 14,738
Matt D'Angelo	Asst. Progr. Director	17%	6.89	126400	\$ 21,785	\$ 7,189	\$ 28,974
Michelle Duell	CRNA Faculty	49%	19.51	121400	\$ 59,225	\$ 19,544	\$ 78,769
TBA	Instr. Technologist	10%	4.00	73130	\$ 7,313	\$ 2,413	\$ 9,726
Makeba Ellis	Program Sec'y	24%	9.66	37338	\$ 9,013	\$ 2,974	\$ 11,987
TBA	GRA	75%	14.99	19570	\$ 14,670	\$ -	\$ 14,670
SUBTOTAL					\$ 160,619	\$ 48,163	\$ 208,780
CONSULTANTS							
Dr. Prudentia Worth							\$ 1,300
EQUIPMENT							
							\$ -
SUPPLIES							
General Office Supplies							\$ 2,000
TRAVEL							
Faculty travel to conferences (4 faculty in yr 2) (2 trips each @ \$1200)							\$ 9,600
OTHER							
Photocopying							\$ 2,000
Brochures, Marketing & Postage							\$ 2,000
SUBTOTAL							\$ 225,680
CONSORTIUM/CONTRACTUAL							
							\$ -
SUBTOTAL DIRECT							\$ 225,680
INDIRECT @ 8%							\$ 18,054
TOTAL							\$ 243,734

NOTES:

FOR INTERNAL USE ONLY

School of Nursing
Actual and Projected Budget
For Period July 1, 2005 - June 30, 2009
CRNA Program

	Year 1 Actuals			Year 2 Actuals			Year 3 Projected			Year 4 Projected		
	July 1, 2005 - June 30, 2006	July 1, 2006 - June 30, 2007	July 1, 2007 - June 30, 2008	July 1, 2008 - June 30, 2009	July 1, 2005 - June 30, 2006	July 1, 2006 - June 30, 2007	July 1, 2007 - June 30, 2008	July 1, 2008 - June 30, 2009	July 1, 2005 - June 30, 2006	July 1, 2006 - June 30, 2007	July 1, 2007 - June 30, 2008	July 1, 2008 - June 30, 2009
Personnel:												
Program Director	90% \$ 155,000	80% \$ 159,528	80% \$ 165,909	80% \$ 172,545	\$ 139,500	\$ 127,622	\$ 132,727	\$ 138,036	\$ 155,000	\$ 159,528	\$ 165,909	\$ 172,545
Assistant Program Director	80% \$ 109,485	80% \$ 126,400	80% \$ 131,456	80% \$ 136,714	\$ 87,588	\$ 101,120	\$ 105,165	\$ 109,371	\$ 109,485	\$ 126,400	\$ 131,456	\$ 136,714
Program Manager	15% \$ 111,927	9% \$ 116,727	0% \$ 121,396	0% \$ 126,252	\$ 16,789	\$ 10,505	\$ -	\$ -	\$ 111,927	\$ 116,727	\$ 121,396	\$ 126,252
Faculty	50% \$ 100,000	100% \$ 100,000	100% \$ 104,000	100% \$ 108,160	\$ 50,000	\$ 100,000	\$ 104,000	\$ 108,160	\$ 100,000	\$ 100,000	\$ 104,000	\$ 108,160
Part-time Faculty		49% \$ 121,400	49% \$ 126,256	49% \$ 131,306	\$ 2,500	\$ 59,486	\$ 61,865	\$ 64,340				
GRA		100% \$ 19,000	100% \$ 19,000	100% \$ 19,000		\$ 19,000	\$ 19,000	\$ 19,000				
Instructional Technologist		20% \$ 73,130	20% \$ 76,055	20% \$ 79,097		\$ 14,626	\$ 15,211	\$ 15,819				
Administrative Assistant		75% \$ 37,338	80% \$ 38,832	80% \$ 40,385		\$ 28,004	\$ 31,065	\$ 32,308				
Total Salary & Wages:	50% \$ 35,526				\$ 17,763	\$ 460,363	\$ 469,034	\$ 487,035				
Benefits					\$ 314,140	\$ 128,902	\$ 131,329	\$ 136,370				
Total Projected Personnel Expenses:					\$ 87,959	\$ 589,265	\$ 600,363	\$ 623,405				
Operating:												
Travel					\$ 7,200	\$ 9,600	\$ 10,080	\$ 10,584				
Office Supplies					\$ 2,000	\$ 6,500	\$ 6,825	\$ 7,166				
Student Recruitment					\$ -	\$ 2,500	\$ 2,625	\$ 2,756				
Capital Equipment - Laerdal Sim Man						\$ 28,980						
Faculty Insurance					\$ 5,000	\$ 5,000	\$ 5,250	\$ 5,513				
Student Insurance												
Miscellaneous Expenses					\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,150				
Accreditation Cost:												
Annual Program Fee					\$ 3,200	\$ 6,158	\$ 10,625	\$ 10,625				
Visitation Fee					\$ -	\$ -	\$ 3,580	\$ 3,759				
Total Projected Operating Expenses:					\$ 18,400	\$ 59,738	\$ 41,985	\$ 43,553				
Total Projected Budget					\$ 420,499	\$ 649,003	\$ 642,348	\$ 666,958				
Funding Sources:												
State (Tuition)					\$ 400,140	\$ 638,899	\$ 821,964	\$ 941,400				
Private Grant (UMMS, JHU, MedStar & Kernan)					\$ 350,000	\$ 375,000	\$ 350,000	\$ 364,000				
Total Projected Funding:					\$ 750,140	\$ 1,033,899	\$ 1,171,964	\$ 1,305,400				
Any gap funds will be carry-forward					\$ 329,641	\$ 384,896	\$ 529,616	\$ 638,442				
Funds carry-forward						\$ 329,641	\$ 714,537	\$ 1,244,152				
						\$ 714,537	\$ 1,244,152	\$ 1,882,594				

[Return to Table of Contents](#)

Student Life

Student Health Services

The Campus Health Office is located in University Family Medicine Associates (UFMA) offices at 29 South Paca Street. Students are seen for medical appointments by physicians, residents or a nurse practitioner at UFMA at the following times: Monday-Thursday from 8:30 a.m. to 7:00 p.m., Fridays from 8:30 a.m. to 4:30 p.m. and Saturdays from 9:00 a.m. to noon. After-hour coverage for emergencies is provided by the physician on-call at University Family Medicine.

The cost of most care provided at student and employee health is paid for through the student health fee. Gynecological services, including health maintenance (PAP smears, etc.), family planning and routine problems, are provided by the family physicians, residents or nurse practitioner. Birth control pills are available at a reduced cost for students receiving their GYN care through student and employee health/family medicine.

All students are required to have health insurance and an excellent insurance policy is available through the campus. At registration all full-time students must either purchase the UMB policy or waive it by showing proof of comparable coverage. The deadline for waiving the UMB policy is in mid-September. If proof of comparable insurance is not received at student and employee health by that time, the UMB policy must be purchased for each month the waiver is not presented. Demonstrated proof of comparable insurance is required each year the UMB policy is not purchased.

Hepatitis B is an occupational illness for health care providers. It has serious consequences and can be fatal. Immunization against Hepatitis B is required for medical, dental, dental hygiene, nursing, medical technology and PharmD students. The series of three immunizations is given at the Campus Health Office.

All new students are required to complete a Report of Medical History and an Immunization Record form that documents immunity to childhood illnesses. Students failing to present these completed forms as freshmen will not be permitted to register for the sophomore year.

Students' family members can be seen at Family Medicine Associates. The family physicians provide care for the entire family, including obstetrical and pediatric care. For additional information, call (410) 328-8792.

[return to top](#)

Counseling Center

The Counseling Center provides professional counseling services to students and their families. Students are encouraged to use Counseling Center services for help in dealing with any kind of personal problems they may have. Some of the more common problems that prompt students to seek help include stress, relationship problems, adjustment to changes in school or home life, loss of a loved one and problems with drugs, alcohol or food.

Counseling services are completely confidential and no information is shared with administration or faculty without the student's written permission. This is not a training site; students are always seen by a professional-a social worker, psychologist, psychiatrist, or addiction counselor. Counseling is done on an appointment basis and student's class schedules can be accommodated in scheduling appointments. One will incur no out-of-pocket expense to use this service. Call (410) 328-8404 for additional information.

[return to top](#)

Housing

Baltimore is a fun, friendly city with many affordable and convenient housing options. The Housing Options brochure describes on- and off-campus options for UMB students; it is available through the admissions office or by calling the Residence Life Office at (410) 706-7766.

The University Housing Office administers the housing program for University-owned housing. The University owns 80 apartments in a traditional row house format known as Pascault Row. This complex includes efficiency, one-bedroom and two-bedroom arrangements. Each apartment is furnished and contains a living area, kitchenette and private bath and is designed to accommodate one to four students. The Pascault Row complex also has a laundry room with coin-operated washers and dryers and each apartment has access to storage in lockers on the ground floor.

For housing application and/or information contact:

University Housing Office
222 N. Pine Street, Rm. 207
Baltimore, Maryland 21201-1575
(410) 706-7766

The University of Maryland's off-campus housing program is a self-service program designed to help students identify housing options convenient to the University. Although the housing program is coordinated by University personnel, it is offered only as a convenient way to facilitate the housing search. The University does not inspect the properties listed through this service and therefore strongly encourages students to do so personally before signing a lease. The University has no relationship with the property owners, landlords or realtors who list property through this service.

The University Housing Office maintains a kiosk in the lobby of the Baltimore Student Union with current information on apartments for rent, rooms for rent, house or condominium for rent or sale and roommate referral. There are also other types of off-campus housing information available at this kiosk such as Apartment Shopper's Guide and Home Buyers Guide.

Questions related to off-campus housing can be addressed by calling (410) 706-8087.

[return to top](#)

Athletic Center

The campus Athletic Center, located on the tenth floor of the Pratt Street Garage, offers a variety of programs including intramural sports, fitness/wellness activities, informal recreation, mini-courses and special events. The facility is equipped with two basketball and volleyball courts, a squash court, an expanded weight room with free weights and Paramount equipment, stationary bikes, stair, treadmill and rowing machines and areas to stretch. There are men's and women's locker rooms with a sauna and showers. Students are admitted free with valid student ID. Paid positions for students are available at the Athletic Center.

Intramural sports include basketball, volleyball, racquetball, squash, tennis, and softball for men, women, coed and open competition.

It is the Athletic Center's goal to provide a comprehensive fitness and wellness program on campus. Participation in regular physical activity generally maintains or improves physical and mental well-being. The center offers a variety of aerobic classes, a total conditioning class, mini-screening, fitness walking program, and fitness assessments. Individual fitness assessment includes tests for heart rate, blood pressure, weight, flexibility, cardiovascular endurance, body composition and muscular endurance. Participants receive personal evaluation of their fitness levels along with specific suggestions for developing a healthy lifestyle.

In conjunction with the University police, the center also offers Rape Aggression Defense, a women's self-defense course. Sessions are offered throughout the year and are taught by trained and certified instructors.

University of Maryland, Baltimore students may also use the athletic facilities at the University of Maryland, Baltimore County which include both indoor and outdoor Olympic-size swimming pools, outdoor hard-surface tennis courts and Nautilus weight-training equipment. A shuttle bus operates between the two campuses.

[return to top](#)

Student Center

The Student Center at Pine Street houses many services of interest to students

ranging from an ATM, Auxiliary Services Office, University Bookstore, a commuter lounge with a big screen TV and computer terminals, Caravan Dispatch Center, a coffee bar, Counseling Center, meeting space, One Card office, the Residence Life Office to assist students with both on-campus and off-campus housing, Student Government/Student Organizations Office space, the campus-wide Student Service Office, vending machines, a Wellness Resource Center, and Writing Center.

The building is open Monday through Friday, 8:00 a.m. through 11:00 p.m. and on Saturday 10:00 a.m. through 2:00 p.m. to accommodate bookstore hours. To reserve meeting space in the Student Center, call (410) 706-8087 or stop by the Student Center Operations Office in Room 211.

Parking and Transportation

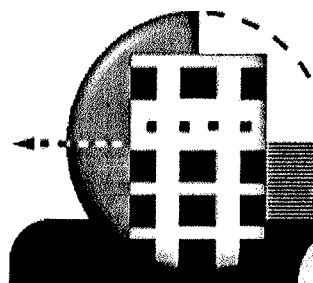
On-campus parking is available to students. Commuter students must have a parking permit (\$5.00) which allows campus parking but does not guarantee a space. The best options are the Lexington Garage (Lexington and Pine Streets) and the Saratoga Garage (Saratoga and Arch Street entrances) at the current student rate of \$4.00 a day (first come, first served). Students may purchase student vouchers for parking instead of paying with cash. Once you purchase a student daily permit, you may buy the vouchers, which are sold in packages of 10 for \$40.

Students who live in on-campus housing pay for parking by the semester or year and are guaranteed 24-hour parking in a garage adjacent to their residence facility. For more information about parking on campus, write Parking & Commuter Services, University of Maryland, Baltimore, Baltimore, Maryland 21201, call (410) 706-6603 or visit the website www.parking.umaryland.edu.

Students who live in the communities adjacent to UMB can use the caravan shuttle, which operates in the evenings year round. An intercampus shuttle provides transportation between the University of Maryland, Baltimore County and UMB. For schedules and information on either of these shuttles, call the Parking & Commuter Services Office.

Public transportation makes the campus accessible by bus, subway and light rail. More than a dozen MTA bus routes stop in the campus area. The Baltimore Metro (subway) runs from John Hopkins to Owings Mills in northwestern Baltimore County. A light rail line offers service with park-and-ride accommodations from Hunt Valley in northern Baltimore County to Glen Burnie in Anne Arundel County. The University Center stop is located at Baltimore and Howard Streets.

return to top



University of Maryland

Health Sciences and Human Services Library

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The HS/HSL serves as the RML for the Southeastern/Atlantic Region of the National Network of Libraries of Medicine (NN/LM).

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- February 15th - Public Access Awareness at the HS/HSL – Treats included!
- RefWorks Workshops - 4 new sessions added!
- RefWorks: A Free Web-based Citation Manager

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Library Services



The Library offers an array of services including reference, course reserve, borrowing books, interlibrary loan, and photocopying. Consultations and database searching by faculty librarians are also available. Educational programs covering database and information management topics are taught throughout the year.



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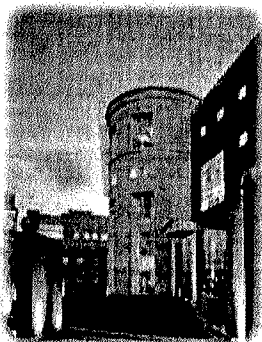
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HS/HSL Facts and Figures



Distinguished as the first library established by a medical school in the United States, the Health Sciences and Human Services Library (HS/HSL) provides collections and services for faculty, staff, and students of the University of Maryland, Baltimore as well as for the University of Maryland Medical Center (UMMC).

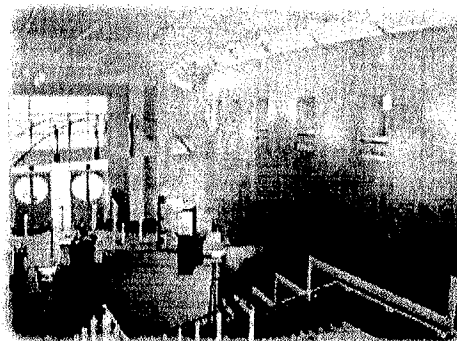
The Library also serves as the Regional Medical Library for the Southeastern/Atlantic Region in the National Library of Medicine's National Network of Libraries of Medicine. The Southeastern/Atlantic Region serves 10 southeastern states, the District of Columbia, Puerto Rico and the Virgin Islands.

About the Building

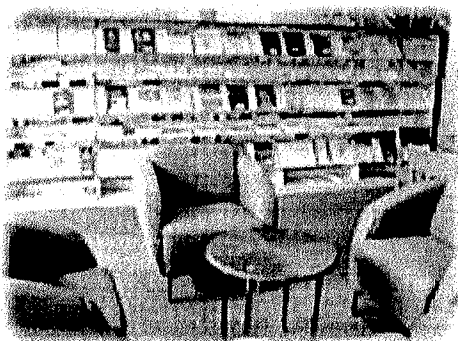
The Library is the second largest medical school library on the East Coast.

The current facility, which opened in 1998, provides over 900 seats, 40 group study rooms, 130 individual study-carrels, 50 public-access computers, 1500 data connections for laptops, 3 microcomputer classrooms and a satellite conferencing center.

The 190,000 square foot building also houses the Tower Café, the HS/HSL coffee lounge.



About HS/HSL Resources



The Library provides access to 372,794 bound volumes, 2800 unique electronic and print periodicals and 52 databases. The HS/HSL Faculty, Staff and Student web site provides access to a full range of information and services including e-resources (e-books and e-journals), course reserves, subject-specific web collections, digital reference, and interlibrary loan. Visit [HS/HSL Electronic Resources](#).

The Library maintains web sites for [Consumers](#), [Corporate Members](#), [Friends](#) and [Alumni](#) and [Parish Nursing](#). A PDA accessible site is also available.

About HS/HSL Services

The Library offers an array of services including traditional reference, interlibrary loan, and photocopying as well as consultations and database searching by faculty librarians, educational programs covering database and information management topics, and planning support for integrating information skills into curricula.

Visit [HS/HSL Services](#).

The SON has also fared exceedingly well in capital budget resource allocations in recent years. Most significantly, was the completion of the new \$38 million, 154,000 square foot state-of-the-art building adjacent to and bridged with the existing SON Building in 1998. This building offers the latest in research, instructional, and patient-care facilities, including:

Research Space:

- Applied clinical and bench research space.
- Simulated hospital and home care environments including the School's nurse-managed clinic.
- Behavioral laboratory space with capacity for observation and recording.
- Bench research space including outfitting a cold room equipped with an autoclave, ice machine, water purifier, -80° freezer, liquid nitrogen storage, and a darkroom.

Instructional Space:

- New classroom and conference space, all of which are well equipped with the most up to date teaching technology, including a computer teaching theater.
- Advanced distance learning classrooms.
- A 470-seat auditorium.
- 24 state-of-the-art pre-clinical simulation laboratories that afford students extensive "hands-on" training in a simulated environment.
- A clinical education and evaluation laboratory that affords students the opportunity to practice and learn clinical skills with standardized patients who are live actors.

- A living history museum that provides a unique interactive learning environment where faculty, students, alumni and others learn of people, events and forces that shaped UMB, SON over the past 150 years within the context of modern nursing in America.

Patient-Care Facilities:

- A 7,000 square foot onsite outpatient clinic, jointly operated and staffed by the School of Nursing and the School of Medicine's Pediatrics Department, provides pediatric primary care and follow-up services for 400 to 500 children per week in a multidisciplinary practice setting.

Additionally, the SON is slated to receive \$7 million in capital funds in FY2004 for renovation of the 1970 wing of the SON facility. The Health Sciences Facility (HSF), which opened in 1995, allocates 2,000 square feet for nursing research.

In 1998, the SON embarked on its first \$7 million Capital Campaign as part of the campus-wide *Invest in Excellence* Campaign at UMB. This was the first campus campaign and the SON is proud to not only have met its goal of \$7 million but to have surpassed it with more than a year of the campaign remaining. The *Building the Future* Campaign for the SON was established to raise funds that would support the School's goals in the new millennium. Private contributions made to the campaign support the extensive clinical outreach initiatives, curriculum development, educational programming, student scholarships, and research work that have made the SON one of the top nursing schools in the country.

The Clinical Simulation Laboratories provide not only learning opportunities for students, but also serve as resources for local health care agencies and other schools of nursing without similar facilities.

These model CSLs regularly host domestic and international visitors. The manager of the Clinical Simulation Labs serves as consultant to other universities seeking to enhance their facilities.

The laboratories currently have three bedside computer stations in the critical care lab and one in the three basic labs. A mobile multimedia cart provides interactive video, a computer workstation and LCD panel. Currently staff are developing CD ROM educational packages for use in direct bedside computer-based instruction.

This sophisticated model laboratory is an ideal site to showcase information systems or products as well as to beta test systems or products currently under development.

Potential Internship Benefits

include:

- Exposure to 1600 students, graduate and undergraduate
- Visibility with local health agencies and Schools of Nursing
- Feedback from students and faculty on systems or products
- Exposure to and use by current and future nurse leaders and key decision makers
- Consultation on the development of educational materials to accompany products
- Opportunity to test educational materials
- Recognition as a donor, on site and in publications mailed to over ten thousand alumni and friends of the University of Maryland School of Nursing

Contact

Ann Gunnett, MSN, MS, RN
Assistant Professor
(410) 706-3676
gunnett@nurse-1.ab.umd.edu

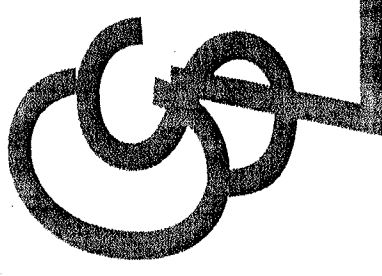
or

Debra Spunt MS, RN
Manager, Clinical Simulation Laboratories
(410) 706-7898
spunt@nurse-1.ab.umd.edu

Department of Acute and Long Term Care
University of Maryland School of Nursing
655 West Lombard Street
Baltimore, Maryland 21201-1579

University of Maryland
School of Nursing
Baltimore, Maryland

Opportunities
Available



Clinical Simulation Labs



UNIVERSITY OF MARYLAND
AT BALTIMORE

The Setting

The School of Nursing, located on the University of Maryland at Baltimore campus, is a leader in nursing education, research and practice. Founded in 1889, it has a current enrollment of more than 1600 students in its undergraduate and graduate programs. US News and World Report ranks the graduate programs sixth among the top ten nursing schools in the nation.

Strategically located in downtown Baltimore, the School shares the 32 acre campus with the Schools of Dentistry, Law, Medicine, Pharmacy and Social Work. The campus has a current enrollment of approximately 5600 students. In addition, UMAB is less than 50 miles from Washington, DC and its rich resources

Clinical services are available through the University of Maryland Medical System, a 747 bed facility including the world renowned R Adams Cowley Shock Trauma Center and the Marlene and Stewart Greenebaum Cancer Center. The Baltimore Veterans Affairs Medical Center, a 324 bed facility, opened in 1993.

Library and Information resources on campus include the Health Sciences Library, the National Library of Medicine's regional library for southeastern

states. The new Library building with its extensive electronic assets is scheduled to open in 1998.

The School

The School offers both baccalaureate education for the basic student and the returning RN, as well as graduate education at the Masters and doctoral levels. Graduate programs include focus on Nursing Informatics, multiple nurse practitioner options (adult, women's health, acute care, neonatal, family, pediatric and gerontology), as well as advanced practice specialties in Oncology, Trauma Critical Care, Psychiatric Nursing, Community Health, Nursing Administration and Health Policy. Graduates of the School have leadership positions in Maryland and around the world.

The Laboratories

The School has multiple learning laboratories available to students. These include computer laboratories (two all-purpose computer laboratories and one dedicated to nursing informatics), a media center with a variety of multimedia resources, and the Clinical Simulation Labs (CSLs).



Current CSLs:

- Health Assessment Labs
- Critical Care Patient Simulation Laboratory with six monitored beds for critical care adult patients.
- Newborn and neonatal nurseries
- Basic patient simulation with eight beds in four rooms.
- Additional CSLs at numerous outreach sites around the state

The CSLs provide a unique opportunity for hands on learning in a controlled clinical setting. This allows students the opportunity to develop and demonstrate competence without risk to themselves or patients.

Coming in 1998

The School of Nursing's new, \$38 million teaching, research and clinical practice facility is currently under construction. Resources will include:

- 5 6-bed basic CSLs
- Birthing Unit
- 1 Pediatric ICU/ 1 Neonatal ICU
- 1 Simulated hospital room
- 9 Health assessment labs
- 1 Diagnostic laboratory
- 2 Community Health labs
- Networked bedside workstations
- All labs equipped for Distance Education

The response to the SON *Building the Future Campaign* has been overwhelming with \$8.5 million raised as of October 2001, or 121% of its goal to raise \$7 million by 2002. In fact, between July 2000 and April 2001 alone, the SON achieved \$1,560,825 or 130% of its FY2001 goal of \$1,200,000. These contributions have been raised through corporate, foundation, and individual donations, and comprise cash gifts, planned gifts, and capital gifts. Funds raised through the campaign will continue to support the expanding facilities and the needs of a growing institution, including scholarship funds.

Major contributions to the campaign have helped the SON continue its innovative educational programs, provide clinical resources to residents throughout the state, and address the grave issue of the nursing shortage. Gifts to the campaign have included a \$1.3 million grant from the W.K. Kellogg Foundation to develop an integrated environmental health curriculum, and an extraordinary contribution of a \$1.2 million gift from Gilden Integrated to assist the SON in developing a comprehensive marketing, recruitment, and media campaign including advertising, graphic design, and publications to enhance the public image of nursing, promoting nursing as a career, and increasing awareness among middle and high school students about the many career opportunities for both men and women in nursing, and the creation of several endowed scholarship funds, including one established by a prominent political leader with an initial pledge of \$350,000, which has grown to over \$850,000 from additional contributions.

An innovative Nurse Scholars Program has also been developed in partnership with Baltimore's premier teaching hospitals, including Johns Hopkins Hospital, the University of Maryland

Medical System, Bayview Medical Center, Sinai Hospital, and Mercy Medical System. To qualify for this program, which provides financial support for tuition and fees, students must be enrolled as undergraduates at the SON; maintain a 3.0 grade point average; agree to complete their senior clinical practicum at the hospital of choice; and remain employed at the hospital for a period of one year following graduation. Each hospital provides a selected clinical placement with a preceptor, credentialed by the SON, to match the student's clinical emphasis area of study, which may be in trauma/critical care, pediatrics, neonatal nursing, women's health, gerontology, or oncology. Nearly one million dollars has been raised for the program thus far, and 80 top students participated in the first year. Graduates give high marks to the Scholars Program, praising the quality of the clinical experience as well as the benefits of the scholarship support. Advantages for employers include the opportunity to recruit new graduates directly with reduced time needed for unit orientation. Assessment of the outcomes for this program and its implications for the curriculum is ongoing. Other significant sources of revenue have been donations to provide pre-clinical simulation labs with the most up-to-date and innovative equipment. Table 15.10 lists the contributions of such equipment between 1998 and June 2001.

Table 15.10. School of Nursing Donations to Support Clinical Simulation Laboratories

Date	Vendor	Donation
June, 2001	University of Maryland Medical Systems	OR table, Bipolar cartery, filter
January, 2001	Baxter	Edwards Critical Care Vigilance Monitors (4)
November, 1998	Arrow International, Inc.	Arrow Kaat II Plus – Intra Aortic Balloon Pump (2)
October, 1998	Physio-Control Corporation	LIFEPAK 12 defibrillator/ Monitor systems (10)
October, 1998	Hill-Rom, A Hillenbrand Industry	Stabilet 2000C, Infant Warmer (3) Stabilet Freestanding, Infant Warmer with Bassinet (2).
September, 1998	Marquette Medical	Maternal/fetal monitors with Simulator (2) Neonatal monitoring systems (5) 511 Infant Monitor (2)

Table 15.10 (continued). School of Nursing Donations to Support Clinical Simulation Laboratories

Date	Vender	Donation
September, 1998	Agilent Technologies (formerly – Hewlett Packard)	Cardiac Monitoring Systems – Adult (5) Central monitoring station Computer system and software
July, 1998	Abbott Laboratories, Inc.	IV pumps: Plum LifeCare XLM (20) Plum LifeCare X3LM (18)
August, 1998	SpaceLabs Medical	Cardiac Monitoring Systems – Adult (5)

These diverse sources of funding have helped the SON surpass its campaign goal one year ahead of schedule and will continue to support the varied needs of the institution in the 21st century.

Table 15.11 (continued). Clinical Initiatives - Definition of Partnerships

CLINICAL INITIATIVES	REGION/SITES	PARTNERSHIPS
	Western Maryland Region/Washington County (Future State 2001)	Washington County Health System, Washington County Health Department, Tristate Community Health Center, Western Maryland Area Health Education Center, Department of Social Services
	Western Maryland Region/Allegany County (Future State 2001)	Western Maryland Health System, Department of Health and Mental Hygiene (state level), Allegany County Health Department, Hillside Coalition, Western Maryland Area Health Education Center
Pediatric Ambulatory Care	Baltimore City and surrounding jurisdictions	Schools of Medicine, Pharmacy, and Social Work
Senior Care Center	Baltimore City	Private Geriatrician, Local Community Senior Centers

Faculty and students are fortunate to have a high level of quality professional, secretarial, and clinical staff support available to them to enable them to realize SON program goals and objectives. Currently, there are 41 professional staff (exempt) and 36 secretarial/clerical (non-exempt) staff positions to support the efforts of faculty and students. Table 15.12 identifies professional and secretarial/clinical staff by name, title, and location with the organization. The table also includes support staff for the clinical enterprise. It should be noted that staff support is uniformly distributed throughout the SON and that each of the academic departments has an administrative assistant and a secretary whose time is dedicated to providing faculty support services.

learning institutions; and local leaders, to promote the healthy development of all children.

These innovative clinical practice sites and health information centers enhance the School's instructional programs and provide much-needed services to Maryland residents, while presenting opportunities for collaboration and interdisciplinary programs with the other professional schools and medical departments based at the UMB as shown in Table 15.11.

Table 15.11. Clinical Initiatives - Definition of Partnerships

CLINICAL INITIATIVES	REGION/SITES	PARTNERSHIPS
Open Gates Health Care Center, Inc.	Baltimore City/Baltimore County	University of Maryland Medical System/University Care, Paul's Place, School of Social Work, Washington Village Center, St. Paul's Episcopal Church, Bon Secours Health System, The Southwest Consortium
Southwestern Family Support Center	Baltimore City	Baltimore City Board of Education, Friends of the Family, Annie E. Casey Foundation, Baltimore City Health Department

Table 15.11 (continued). Clinical Initiatives - Definition of Partnerships

CLINICAL INITIATIVES	REGION/SITES	PARTNERSHIPS
School-Based Wellness Centers	Baltimore City/Sandtown Cluster (3 schools)	Vision for Health Consortium (Total Health Care Community Health Centers, Bon Secours Health System, School of Medicine/Department of Pediatrics, University of Maryland Medical System/University Care, Baltimore City Health Department, Edison, Enterprise Foundation
	Baltimore County/Lansdowne Cluster (4 schools)	Baltimore County Health Department, Baltimore County Board of Education, School of Medicine/Department of Pediatrics
	Harford County (5 schools in the Route 40 Corridor)	Harford County Board of Education, Harford County Health Department, Private Physicians
	Caroline County (2 schools)	Caroline Co. Board of Education, Health Department, Choptank Community Health System
	Dorchester County (2 schools)	Dorchester County Board of Education, Dorchester County Health Department, Private Community Physicians
Healthy Child Care Maryland	Prince George's, Harford and Cecil Counties	Department of Human Services (state level), Private Pediatrician
Wellmobile Program: Central Maryland, Eastern Shore, Western Maryland	Central Region/Baltimore County (2 sites)	Baltimore Co. Health Department, St. Agnes Hospital, School of Pharmacy, School of Medicine, Department of Health and Mental Hygiene, Quest Diagnostic Laboratories