Ninth Annual
NEONATAL ADVANCED PRACTICE NURSING FORUM 2006
May 31 - June 2, 2006
Omni Shoreham Hotel – Washington, DC

FOURTH ANNUAL FACULTY FORUM
Envisioning the Future of APN Education

PRE-CONFERENCE PHARMACOLOGY WORKSHOP
Controversies & Challenges In Neonatal Pharmacology

POINT-COUNTERPOINT DEBATE
Resuscitation with Room Air vs. 100% Oxygen

FEATURED SPEAKERS
Edward F. Bell, MD
Regina M. Cusson, RNC, PhD, APRN
Karla H. Damus, RN, MSPH, PhD
Bernadette Melnyk, RN, CPNP/NPP, FAAN
Jeffrey M. Perlman, MD, ChB

Conference Presented By:
## Envisioning the Future of APN Education

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7:30</td>
<td>APN Faculty Forum Registration</td>
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<tr>
<td>8:30</td>
<td>Welcome, Introductions, Update</td>
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<td></td>
<td>Regina M. Cusson</td>
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<tr>
<td>8:45</td>
<td>Components of the ANNP Faculty Role in the United Kingdom:</td>
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<td>Inclusion of Faculty Practice</td>
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<td>Susan Edwards</td>
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<tr>
<td>9:45</td>
<td>Partnerships in Recruiting and Preparing the Next Generation of NNPs</td>
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<td>Marilyn Rigby, Sandra L. Smith, Mary Lynch</td>
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<td>10:45</td>
<td>Break</td>
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<tr>
<td>11:15</td>
<td>Snapshots in Innovation: Creative Strategies in NNP Education</td>
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<td></td>
<td>Regina M. Cusson</td>
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<tr>
<td>12:15</td>
<td>Networking and Lunch (Provided)</td>
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<td>1:30</td>
<td>Point-Counterpoint: The DNP as Entry for NNP Practice</td>
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<td>Bobby Bellflower, Donna Dowling, Rosalie O. Mainous, Deborah Steward</td>
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<tr>
<td>2:30</td>
<td>Breakout Session I</td>
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<td>Session A: Education Strategies:</td>
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<td>Using WIMBA Online Chat Technology in an Online NNP Program</td>
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<td>Lynda Law Harrison, Stephanie Woods, Mary Beth Bodin, Terri Marin</td>
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<tr>
<td>3:30</td>
<td>Break</td>
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<tr>
<td>4:00</td>
<td>Breakout Session II</td>
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<td>Session A: Education Strategies:</td>
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<td>HYBRID Online Neonatal Nursing Education:</td>
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<td>Best of Both Worlds – The ASU Experience</td>
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<td>Jacqueline McGrath, Maryann Bozzette, Kimberly Horns, Joan Newby</td>
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<tr>
<td>5:00</td>
<td>PM Evaluation and Adjournment</td>
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## Controversies & Challenges in Neonatal Pharmacology

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<tr>
<td>12:00</td>
<td>Pharmacology Workshop Registration</td>
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<td>1:00</td>
<td>Where Physiology Meets Pharmacology: Practical Pharmacokinetics in the NICU</td>
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<td>Bryan L. Ohning</td>
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<td>2:00</td>
<td>Pharmacologic Interventions to Prevent Necrotizing Enterocolitis:</td>
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<td>Simulated Amniotic Fluid and Probiotics</td>
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<td>Cindy K. Barney, Edward F. Bell</td>
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<td>3:00</td>
<td>Break</td>
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<tr>
<td>3:15</td>
<td>Current Controversies Surrounding Antibiotic Therapy In The NICU</td>
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<td>Bryan L. Ohning</td>
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<tr>
<td>4:00</td>
<td>Evaluation &amp; Treatment of the SSRI-Exposed Infant</td>
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<td>Kristen Brown</td>
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<td>5:00</td>
<td>Beyond the Gas (INO)– What’s New on the Horizon for PPHN?</td>
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<td>Patti Sorenson</td>
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## Evening Special Events

- Welcome Reception
- Celebrations of Excellence in Advanced Practice Nursing
  Open to all participants and their guests
NEONATAL ADVANCED PRACTICE NURSING FORUM 2006
Main Conference ~ Thursday June 1, 2006

6:30  7:30 AM  Run, Walk, or Crawl with Dorothy
7:00  8:15  Main Conference Registration and Continental Breakfast
8:15  8:30  Welcome and Opening Remarks
8:30  9:30  Evidence-Based Practice: Taking it to the Bedside
          Bernadette Melnyk
9:30  10:30  Perinatal Hypoxic Ischemic Encephalopathy and Use of Cooling Therapies:
          The State of the Science in 2006
          Tonse N.K. Raju
10:30  11:00  Break, Exhibits, Book Signing and Poster Viewing
11:00  12:30  Point-Counterpoint Debate: Resuscitation with Room Air Vs. 100% Oxygen
          Jeffrey M. Perlman, Barbara C. Mordue & Madge E. Buus-Frank, Facilitator
12:30  1:45  Lunch (on your own)
2:00  5:30 PM  Concurrent Sessions

CONCURRENT SESSION 1  2:00 - 3:00  CONCURRENT SESSION 2  3:15 - 4:15  CONCURRENT SESSION 3  4:30 - 5:30

TRACK A: RESUSCITATION INTENSIVE: THE FIRST 15 MINUTES OF LIFE

A1. Neonatal Resuscitation Simulation Central
    Experience the impact of combining real-world resuscitation scenarios, using high-fidelity simulators, from one of the world’s leading simulation laboratories. (Limited to 25 participants)
    Kimberly Yeager & Kristine Boyle

A2. Neonatal Resuscitation Simulation Central
    Experience the impact of combining real-world resuscitation scenarios, using high-fidelity simulators, from one of the world’s leading simulation laboratories. (Limited to 25 participants)
    Kimberly Yeager & Kristine Boyle

A3. Neonatal Resuscitation Simulation Central
    Experience the impact of combining real-world resuscitation scenarios, using high-fidelity simulators, from one of the world’s leading simulation laboratories. (Limited to 25 participants)
    Kimberly Yeager & Kristine Boyle

TRACK B: PHYSIOLOGY INTENSIVES: FOCUS ON THE PHYSIOLOGICAL IMPACT OF BRAIN INJURY & BODY COOLING THERAPIES

B1. Advanced Brain Physiology
    Explore the distinct differences in hypoxic ischemic encephalopathy and brain injury in the full-term versus preterm infants that provide the physiologic basis for cooling and other neuroprotective therapies.
    Jeffrey M. Perlman

B2. Advanced Pulmonary Physiology
    This in-depth review of pulmonary physiology will explore the impact of hypoxic events & cooling therapies on the lung and current clinical controversies, quandaries and challenges.
    Terry S. Johnson

B3. The Physiology of Thermoregulation
    Advanced concepts in thermal physiology, including the multi-system impact of hypothermia and hyperthermia, will be presented with a clinically relevant and pragmatic twist.
    Edward F. Bell

TRACK C: CASE BASED LEARNING

C1. More Challenging Cases of the Year
    Back by popular demand! Another set of intriguing mystery cases that will challenge your clinical and diagnostic reasoning skills in a small group workshop format.
    Moderator: Dorothy M. Mullaney

C2. Inborn Errors of Metabolism: Not as Rare as You Think!
    Using a series of clinical cases and video-EEGs, this world-class pediatric neurologist will simplify the complex physiology of inborn errors of metabolism and provide a 7-step method to ensure rapid recognition of infants with metabolic disease.
    James J. Filiano

C3. The Mysterious Endocrine System
    Apply advanced physiology, identify clues for early recognition, and discuss strategies to enhance accurate diagnosis and appropriate treatment.
    Suzanne L. Staebler

TRACK D: PROFESSIONAL AND FAMILY ISSUES

D1. ANNP in the UK: Development of the Role
    Explore pathways to the ANNP role in the United Kingdom, where a unique integration of faculty and clinical roles prevails.
    Susan Edwards

D2. Does Family-Centered Care Include Family Presence During Resuscitation?
    Discuss the pros and cons of family presence during resuscitation, the potential impact on team communication and performance, and identify the essential considerations for implementation.
    Barbara C. Mordue

D3. Supporting Positive Parenting in the NICU: The COPE Program
    The innovative COPE program, recently tested in a randomized controlled trial, engages families as caregivers, rather than visitors, in the NICU setting, to enhance outcomes for infants and families.
    Bernadette Melnyk

TRACK E: NNP BUSINESS INSTITUTE: STRATEGIES TO MAXIMIZE THE FINANCIAL CONTRIBUTIONS OF NNPs

E1. Building Essential Business Skills for APNs
    This session will highlight key differences between a ‘job’ and a ‘practice’, provide tips to negotiate a contract, and explore strategies to evaluate the APNs’ contribution to the bottom line.
    Carolyn Buppert

E2. Billing Workshop 101: Billing Basics
    Learn the basics of who, what, where, when and how regarding NNP billing. Pragmatic tips on getting started and strategies to bring your organization on board will be shared.
    Carolyn Buppert

E3. Billing Workshop 102: Coding for the NNP
    A series of case scenarios will help you with coding concepts, billing opportunities, CPT codes and tips to avoid duplicate billing.
    Gilbert I. Martin
Evening Special Events, Thursday, June 1, 2006

5:45  6:45 PM  2006 Award Winning Poster Presentations
Do not miss this chance to network with and learn from talented colleagues from around the world who will share their latest clinical research, innovative programs, and challenging clinical cases. This event showcases award winning research in a dynamic podium presentation format.
Moderated by Robin L. Bissinger
1.2 Contact Hours Awarded

7:15  10:00 PM  Optional Tour of Washington, D.C.
(Additional Fees Apply)

Friday June 2, 2006

6:30  7:30 AM  Run, Walk, or Crawl with Dorothy

7:00  8:00     Continental Breakfast, Exhibits, Poster Viewing

8:00  8:15     Opening Remarks

8:15  9:15     Preventing Prematurity: The Emerging Evidence
Karla H. Damus
Sponsored by: The March of Dimes

9:15  10:15    Vapotherm: Is It The New and Improved CPAP?
Alan de Klerk

10:15 10:45   Break, Exhibits, Poster Viewing

10:45 12:15   Case of the Year 2006
Moderated by Dianne S. Charsha

12:15 1:15    Lunch on your own

George A. Little, Barbara Nightengale, Jeffrey M. Periman

2:15  3:15     NNNPs in the NICU: A Non-Renewable Resource?
Regina M. Cusson

3:15  3:30 PM  Closing Remarks and Evaluations

ACCREDITATION

Dartmouth-Hitchcock Medical Center’s Nursing Continuing Education Council is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.
- The APN Faculty Forum carries 7.2 contact hours
- The Pharmacology Workshop carries 5.7 pharmacology contact hours
- The Forum 2006 Main Conference carries 15.6 contact hours
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution/Site</th>
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<tbody>
<tr>
<td>Cindy K. Barney, RN, MSN, APRN</td>
<td>Neonatal Nurse Practitioner</td>
<td>Maimonides, Brooklyn, NY</td>
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<tr>
<td>Edward F. Bell, MD</td>
<td>Professor of Pediatrics</td>
<td>Interdepartment of Neonatology, University of Iowa Hospitals, Iowa City, IA</td>
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<tr>
<td>Bobby Bellflower, RN, DNSc, NNP</td>
<td>Option Coordinator</td>
<td>University of Tennessee Health Science Center, Memphis, TN</td>
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<tr>
<td>Mary Beth Bodin, RNC, MSN, CRNP</td>
<td>NNP Project Coordinator</td>
<td>University of Alabama at Birmingham, Birmingham, AL</td>
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<td>Kristine Boyle, RNC, MS, NNP</td>
<td>Center for Advanced Pediatric Education</td>
<td>Stanford University, Palo Alto, CA</td>
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<td>Arizona State University, Tempe, AZ</td>
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<td>Neonatal Nurse Practitioner, Children's Hospital at Dartmouth, Lebanon, NH</td>
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<tr>
<td>Carolyn Buppert, NP, JD</td>
<td>Law Office of Carolyn Buppert, P.C.</td>
<td>Annapolis, MD</td>
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<tr>
<td>Dianne S. Charsha, RNC, MSN, CRNP</td>
<td>Director of Neonatal Services</td>
<td>St. John's Mercy Medical Center, St. Louis, MO</td>
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<tr>
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<td>University of Connecticut, Storrs, CT</td>
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<td>Karla H. Damus, RN, MSPH, PhD</td>
<td>March of Dimes, Senior Research Associate</td>
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<td>Infants &amp; Children's Hospital of Brooklyn at Maimonides, Brooklyn, NY</td>
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<tr>
<td>Donna Dowling, RN, PhD</td>
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<td>DNP Program, Case Western Reserve University, Cleveland, OH</td>
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<tr>
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<td>Florence Nightingale School of Nursing, London, UK</td>
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<td>Kimberly H. Horns, RNC, PhD, NNP</td>
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<td>Founder, Lode Star Enterprises, Inc</td>
<td>Downers Grove, IL</td>
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<td>Tonse N. K. Raju, MD</td>
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<td>University of Utah, Salt Lake City, UT</td>
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<td>Loma Linda, CA</td>
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<td>Vice President, NNP Program</td>
<td>Pediatric Medical Group, Sunrise, FL</td>
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<td>Center for Advanced Pediatric Education at Stanford University, Palo Alto, CA</td>
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<td>Ksenia Zukowsky, RNC, PhD, APRN</td>
<td>Assistant Professor, NNP Program Coordinator, Thomas Jefferson University</td>
<td>Philadelphia, PA</td>
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**Distinguished Faculty**
Call For Participation

We invite every NICU, both in the U.S. and abroad, to represent their NNP practice at the Ninth Annual Neonatal Advanced Practice Nursing Forum 2006. The unique format of this program, coupled with outstanding faculty and state-of-the-science presentations, make this the premiere conference for advanced practice nurses. Participants will:

* Examine emerging neonatal therapies, controversies, and state-of-the-science research
* Enhance diagnostic and critical thinking skills
* Solve challenging clinical cases in interactive case-based learning sessions
* Examine current trends impacting APN professional practice
* Strategize with other APNs to promote excellence

Call For Case of The Year Submissions

Share your clinical expertise by submitting a challenging clinical case in abstract form. The case should highlight one or more of the following:

* An unusual disease process or diagnostic challenge
* An atypical presentation or outcome of a common disease
* A transport challenge
* A patient safety-related case

Cogent case abstracts should be presented in a mystery format. Well developed cases that have supportive laboratory, diagnostic imaging, and pictures will be prioritized. The case selected for podium presentation will be presented in an interactive session designed to challenge the participants' diagnostic and critical thinking skills. Once accepted, faculty support for developing the case is provided. The main conference fee is waived for 1 case presenter. Pre-conference fees, travel, and all other expenses remain the responsibility of the presenter. Cases not chosen for podium presentation will be evaluated for suitability for poster presentation.

Call For Poster Presentations

Share your expertise in the poster session. Poster categories include:

* Original Research
* Innovations in Practice or Education
* Patient Safety, Quality Improvement, or Benchmarking Initiatives

Abstracts should be no longer than 300 words in 10 to12 point font, with up to 2 additional bibliography pages. Original research should be presented in the form of a structured abstract (purpose, subjects, design, methods, results, limitations, and implications). Four abstracts will be selected for both podium and poster presentation on the basis of overall quality, originality and appropriateness to APNs. Podium presentations are 10 minutes with 3 minutes for questions.

Guidelines For Submission

Submissions must be congruent with conference objectives and will be blinded, peer reviewed, and chosen on their merit. Submissions will not be returned.

* Clearly identify the category of submission [Case of the Year vs. Poster Presentation/Category]
* Abstracts should be limited to one page with title
* Provide two copies of the abstract, one blinded copy (without author(s) name or contact information) and a second copy with author(s) name, credentials, and complete contact information.
* Additional guidelines for the Case of the Year, Posters & Presentations can be found on-line at www.dhmc.org/goto/APNForum2006
* Submissions that do not follow the guidelines will not be reviewed
* **DEADLINE: March 1, 2006**

**Send submissions to:**
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ACKNOWLEDGMENTS

Professional education of this quality would not be possible without educational grants from our sponsors.