



# ICANN NEWS

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Editor: Patti Sorenson

## *Editor's Message by Patti Sorenson*

I hope you all had a great Mother's Day and Nurse's Week and are gearing up for summer, both personally and professionally. The year is flying by so fast that I know that if I don't put something on my calendar the date is likely to come and go before I realize I missed something I would have enjoyed.

I hope you are putting ICANN on your calendar for 2011. The dates for our 4 remaining meetings and annual, day-long conference are below. I just had an email from a former ICANN member who has moved to Alaska. She writes that, sadly, there is no such group in her new home. She misses the friendships she made with NICU nurses from other hospitals and misses the ability to contact someone with a clinical issue, saying, so... what are you doing about \_\_\_\_\_? ICANN provided her with 6 dinners/evenings out a year with other NICU nurses as well as great education. In addition there were evenings of Angels Baseball with friends and other informal gatherings she enjoyed. I know she would have loved the Luna Fest which you can read more about on page 3.

Please consider getting more active in your local chapter to prevent it from dying! Feel free to contact any of the officers below for ways in which you can become more involved in 2011!

## *Your ICANN Officers for 2011*

President: Angela Morin at [rcp2rn@gmail.com](mailto:rcp2rn@gmail.com)  
President-elect: Vivian Bellini at [vbellini1@verizon.net](mailto:vbellini1@verizon.net)  
Secretary: Andrea Morris at [amorris@mail.cvhp.org](mailto:amorris@mail.cvhp.org)  
Treasurer: Sharon Kemp at [kemps@armc.sbcounty.gov](mailto:kemps@armc.sbcounty.gov)  
ICANN's website: [www.icann-online.org](http://www.icann-online.org)

## *Upcoming ICANN Meetings*

Mark your calendars for the third Thursday evening of odd numbered months in 2010 and beyond! The schedule for 2010 is as follows (all meetings are from 6-8:30 p.m.):

May 19, 2011, Kaiser Fontana

July 21, 2011, Loma Linda University Medical Center

September 22, 2011, Riverside County Medical Center **\*\*\*Note date change due to conflict with NANN National Conference**

October 20, 2011, ICANN Annual Conference at UC Riverside Extension Center

November 17, 2011, annual holiday dinner and gift exchange, site to be determined

If your facility is interested in hosting any meeting in 2012, please contact President-elect Vivian Bellini at [vbellini1@verizon.net](mailto:vbellini1@verizon.net).

***Tuition Scholarships Available for  
NANN's 27<sup>th</sup> Educational Conference in Orlando, FL, Sept 14-17, 2011***

Plan now to attend NANN's 27<sup>th</sup> Annual Education Conference entitled **Exploring the Science and Practicing the Art of Neonatal Care** from September 14-17, 2011, at the Caribe Royale Hotel, Orlando, FL. We had wonderful ICANN attendance in 2010 at the NANN conference in Las Vegas—let's try to match that this year in Florida.

For scholarship applications go to [www.icann-online.org](http://www.icann-online.org) or pick one up at any ICANN meeting.

**ICANN Conference October 20, 2011**

*There Is More To It Than Babies* is the title for the Thursday, October 20, 2011 annual ICANN conference at the UC Riverside Extension Center. President-elect Vivian Bellini and her conference committee are hard at work putting together a program we hope you will enjoy. Topics include legal issues, infection control for nurses and families, parent support groups, taking home a medically fragile baby and more. Questions? Contact [vbellini1@verizon.net](mailto:vbellini1@verizon.net).

**March of Dimes Walk For Babies, 2011**

Patti Sorenson and Deena Davidson walked on April 30, 2011 at Riverside Community College and raised \$3045 for the March of Dimes. See the next issue of ICANNNews for a summary of MODs efforts in 2011.

***Luna Fest Film Festival and Breast Cancer Fundraiser***

Bring your friends, co-workers, mothers, sisters, and neighbors to this unique film-festival and help CoCANN and ICANN raise money for a great cause too!

**What is LUNAFest?** It is a traveling film festival and fundraiser. It is a collection of short films about women, for women, and made by women. Ticket sales will benefit the Breast Cancer Fund.

**Where:** Citrus Valley Medical Center in West Covina, CA

**When & What time:** June 18th, 2011 -- 10AM - 1PM - movies will start at 1030AM

**Ticket Price:** Only \$10!! (and you don't have to be a member!!)- Purchase tickets online today using the link below!

**Purchase tickets online now at:** <http://www.cocannconference.com/calendar/lunafest-2011>

**For questions or to volunteer,** just email Kathi Randall.

## ***ICANN Outing to Angels Game with Potluck and Fireworks***

Mark your calendar now to join fellow baseball fans at Angel Stadium 7:05 pm on Friday, May 20<sup>th</sup>, as the Angels battle the Atlanta Braves. Tickets are \$15.80 each in the upper view section behind home plate. As always we will enjoy both the game and the always-fabulous fireworks display following the game. For more information or to reserve your tickets (we have 6 remaining tickets available), contact Patti Sorenson at [pmsorenson@verizon.net](mailto:pmsorenson@verizon.net).

Special note: ICANN voted to pay \$10 of the cost of the ticket for each ICANN member in attendance so your cost is \$5.80 per ICANN member only!

## ***AAP Online Tool for Parents***

The KidsDoc Symptom Checker is available on Healthy-Children.org, the official AAP website for parents, at [www.healthychildren.org/symptom-checker](http://www.healthychildren.org/symptom-checker). Parents can enter their child's symptoms into the interactive tool and receive up-to-date advice about how to treat minor illnesses at home or when to call the doctor immediately.

## ***NICU's and Neonatologists in CA provided March 2011***

The California Association of Neonatologists has published the latest data:

California population (2009):	37 million
Total number of active neonatologists:	505
Total number of NICUs that are CCS approved:	Regional 22 Community 74 Intermediate 19
Total number of NICUs in CA:	135 (20 not CCS approved)

## ***In the News***

### **FDA Approves First Drug to Prevent Premature Births**

*Bloomberg Businessweek/HealthDay, Steven Reinberg*

The U.S. Food and Drug Administration (FDA) has approved the first drug to prevent premature births. Known as Makena, the drug is for women who have had at least one previous preterm delivery, but not for women expecting twins or who have other preterm-birth risk factors. According to an FDA spokesperson, preterm birth - delivery at less than 37 completed weeks of pregnancy - affects 1 in 8 babies born in the U.S. and is on the rise. The March of Dimes applauded the FDA approval, saying the new drug would dramatically reduce preterm birth rates. The new drug was approved under the agency's accelerated approval process, which requires the manufacturer to conduct follow-up clinical studies on the drug. The approval was based on results of a study of 463 pregnant women with a history of spontaneous preterm birth. Among those receiving Makena, 37% delivered before 37 weeks, compared to 55% of women who did not get the drug. A separate trial found no impact of the drug on the development of children evaluated at ages 2.5 to 5 years old. The drug, a synthetic form

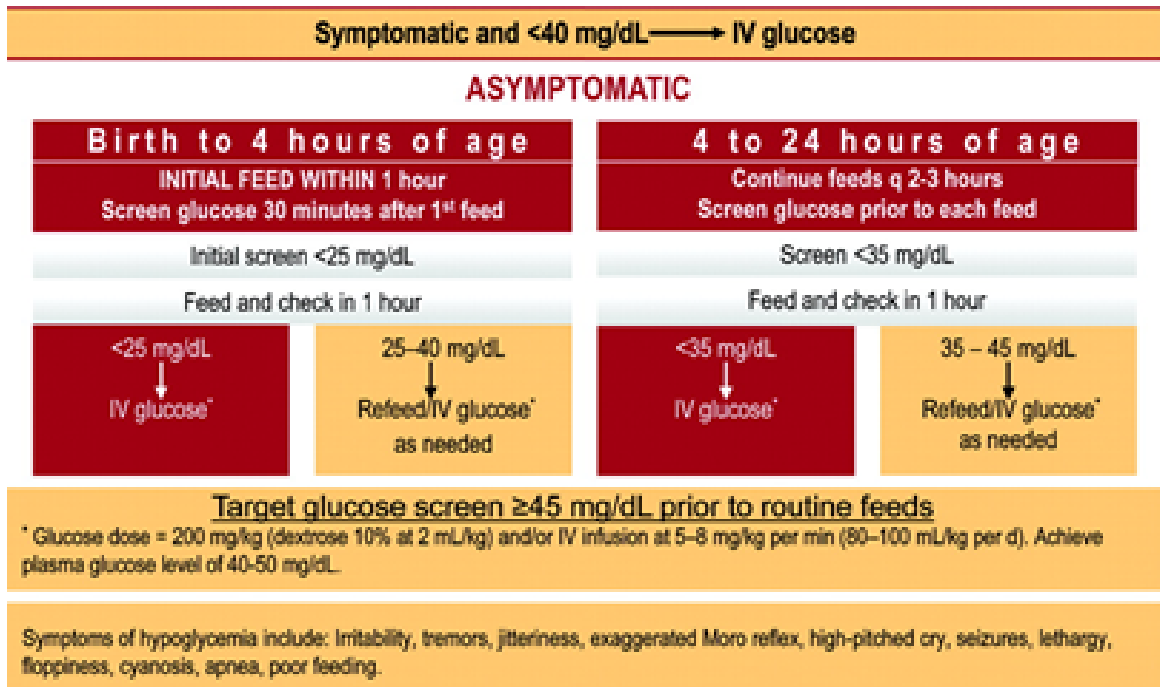
of a hormone produced during pregnancy, is given by injection once a week from the 16th to the 37th week of pregnancy. Typical side effects included pain, swelling and itching at the injection site, as well as hives, nausea and diarrhea.

### Screening/Managing Hypoglycemia

The following slide was just published in the Journal of Pediatrics and provides guidelines for neonatal glucose screening for infants at high risk for hypoglycemia. (This slide is a little fuzzy; if you want a better slide copy you can go to [www.aap.org](http://www.aap.org).)

**Screening for and management of postnatal glucose homeostasis in late-preterm (LPT 34–36 67 weeks) and term small-for-gestational age (SGA) infants and infants who were born to mothers with diabetes (IDM)/large-for-gestational age (LGA) infants.**  
**Screening and Management of Postnatal Glucose Homeostasis in Late Preterm and Term SGA, IDM/LGA Infants**

[[LPT] Infants 34 – 36<sup>67</sup> weeks and SGA (screen 0-24 hrs); IDM and LGA ≥34 weeks (screen 0-12 hrs)]



Pediatrics 2011;127:575-579

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**PEDIATRICS**<sup>®</sup>

**A Randomized Trial of Prenatal Versus Postnatal Repair of Myelomeningocele**

Surgery performed on a fetus months before birth can improve health outcomes for children born with spina bifida, one of the most common disabling birth defects, suggests a new study. Researchers studied outcome data for 158 children with myelomeningocele, the most frequent form of spina bifida. The condition is characterized by an opening in the spine that allows the spinal cord to protrude, often damaging the brain and causing severe motor, nerve and cognitive impairment. The children were randomly assigned to receive corrective surgery in utero, between 19 and 26 weeks of gestation, or after birth. By 12 months, 40% of children in the prenatal-surgery group required a shunt, a surgically placed tube that drains fluid off the brain and into the abdomen, compared to 82% of children who received surgery after birth. Prenatal surgery also resulted in improvements in mental development and motor function scores by 30 months. Further, children in the prenatal-surgery group were more likely to walk unassisted than those in the postnatal-surgery cohort (42% versus 21%). There were no differences in cognitive scores between the two groups. The authors, however, found increased risk of prematurity in the children operated on in utero. These children had an average gestational age of 34.1 weeks, compared to 37.3 weeks for the postnatal-surgery group, and had a 13% risk of being born before 30 weeks of gestation.

### ***MARCH OF DIMES PROVIDES \$2.4 MILLION IN NEW FUNDING FOR PRETERM BIRTH RESEARCH***

Five Scientists Aim to Make Strides in Predicting and Preventing Preterm Birth

WHITE PLAINS, N.Y., MARCH 8, 2011 - With the help of funding from the March of Dimes, scientists will study whether low doses of inhaled carbon monoxide may prevent inflammation that triggers preterm labor, analyze the role genes play in causing preterm delivery, and develop blood tests to help identify women at risk of preterm delivery.

These topics are among the work of five researchers that will be supported for the next three years by new March of Dimes Prematurity Research Initiative (PRI) grants. The nearly \$2.4 million in new grants is being given out by the March of Dimes to support scientific efforts to predict and prevent preterm birth. These 2011 grants bring the seven-year-old program's grant total to nearly \$20 million.

Louis J. Muglia, MD, PhD, the Edward Claiborne Stahlman professor, Department of Pediatrics, Vanderbilt University Medical Center, Nashville, TN, has been among the PRI grantees since the program began in 2005. Dr. Muglia has been working to identify genes that play a role in the timing of both full-term and preterm labor and delivery. He is applying genome-wide association technology to identify new therapies for prevention.

Nazeeh N. Hanna, MD, chief of neonatology and associate professor, Department of Pediatrics, Winthrop University Hospital, Mineola, NY, is examining whether low doses of inhaled carbon monoxide, known to be toxic in high doses but protective in low doses, can prevent preterm labor associated with infection.

"New research is critical if we hope to continue the recent two-year decline of our nation's preterm birth rate," said Dr. Jennifer L. Howse, president of the March of Dimes. "We're proud to continue

our support of grantees such as Dr. Muglia, and Dr. Hanna, with the hope that they will build on what we already know about the causes and prevention of prematurity so that more babies will get a healthy start in life."

Preterm birth, birth before 37 completed weeks of pregnancy, remains a leading cause of infant death in the United States. Infants who survive an early birth are more likely to face serious and sometimes lifelong health problems, including breathing problems, jaundice, developmental delays, vision loss and cerebral palsy.

Following three decades of increases, in 2008 the nation saw the first two-year decline in the preterm birth rate, to 12.3 percent. Despite the improvement, more than half a million babies are born too soon each year.

The March of Dimes has maintained an unwavering commitment to reducing the number of infants born preterm.

In addition to Dr. Muglia and Dr. Hanna, the 2011 PRI grant recipients are:

John J. Moore, MD, professor, Department of Pediatrics and Reproductive Biology, the MetroHealth Medical Center Campus of Case Western Reserve University, Cleveland, OH; will examine what causes the fetal membranes - the bag of waters - to weaken and rupture.

Carole R. Mendelson, PhD, professor, Department of Biochemistry, Department of Obstetrics-Gynecology, University of Texas Southwestern Medical Center, Dallas; will examine how microRNAs involved in inflammation affect the timing and start of labor.

Leslie Myatt, PhD, professor, in the Department of Obstetrics and Gynecology, and the Center for Pregnancy and Newborn Research, The University of Texas Health Science Center, San Antonio; will study how the intra- and extra-uterine environments turn genes on and off and influence the timing of uterine contractions and the length of pregnancy.

The March of Dimes is the leading nonprofit organization for pregnancy and baby health. With chapters nationwide and its premier event, March for Babies®, the March of Dimes works to improve the health of babies by preventing birth defects, premature birth and infant mortality. For the latest resources and information, visit [marchofdimes.com](http://marchofdimes.com) or [nacersano.org](http://nacersano.org).

The March for Babies is sponsored nationally by the March of Dimes' number one corporate supporter Kmart, Farmers Insurance Group, Bayer HealthCare, CIGNA, United Airlines, Famous Footwear, FedEx, Sanofi Pasteur, First Response, and Mission Pharmacal. To join an event near you, visit [www.marchforbabies.org](http://www.marchforbabies.org).

**Kudos to Member Kathi Randall!**

On April 11<sup>th</sup> in San Francisco, Kathi Randall received the Breast Cancer Fund's Strong Voice Award (a HUGE honor to say the least)... Every year the Breast Cancer Fund honors three Heroes for their pioneering leadership in setting high standards for safety and sustainability in cosmetics, food and healthcare.

Two years ago Kathi climbed Mt. Shasta, raising more than \$9,000 to support the work of the Breast Cancer Fund, and to honor nurses she had worked with, as well as friends and family who have been touched by Breast Cancer. Since then, she has continued to support the work of the Breast Cancer Fund, expand her knowledge about the links between breast cancer and the environment, and used her voice to educate others about the dangers found in the products we buy, consume, and apply to our bodies every day.

The Heroes Celebration is an annual gala to celebrate the groundbreaking work to prevent breast cancer and to honor extraordinary leaders who help to make prevention possible (see short Bio on all the other Heroes below). The evening includes an awards program, an organic buffet and green marketplace.

The 2011 Heroes are:

- **Horst Rechelbacher** is an innovative businessman whose passion for the environment and natural medicine led to a new consciousness in the world of beauty. As the founder of the plant-based cosmetic companies Aveda Corporation and Intelligent Nutrients, he has worked to set a high bar in the personal care industry by using only 100 percent food-based, safe and organic ingredients.
- **Kit Crawford** is the owner and co-CEO of Clif Bar & Company, a business striving to integrate social and environmental responsibility in all aspects of the company. The Breast Cancer Fund's strategic business partner since 1999, LUNA and Clif Bar have raised over \$3.5 million and invaluable awareness for breast cancer prevention through community-based programs including LUNAFEST and Team LUNA Chix.
- **Kathi Salley Randall** was a practicing neonatal nurse for over 14 years when her personal and professional passions took a new course as she began to learn about the link between toxic chemicals and serious health concerns, and the presence of these chemicals in the cleaning products and medical equipment used regularly in the NICU. She has since become a clinical educator and founder of GreenNICU, a consulting business to inform, inspire and empower other healthcare professionals to "green" neonatal units across the country.

*PS -- Did you know that not more than 1 in 10 women with breast cancer has a genetic history of the disease?* Growing scientific evidence links exposure to toxic chemicals and radiation in our everyday environments to the high rates of breast cancer. For this reason, the Breast Cancer Fund is the leading national organization working to identify and eliminate the environmental causes of the disease, and to help stop breast cancer before it starts.

To learn more about the Breast Cancer Fund, to sign her guest book, and to make a donation, just click on this link -- <http://prevention.breastcancerfund.org/goto/kathirandall>

***Changing Earth—from AARP in honor of Earth Day***

***Our Stomping Grounds***

- The planet is 4.5 billion years old
- Global warming followed each of several ice ages starting in the Precambrian time more than 600 million years ago
- 1.75 million years ago, ice covered all of Europe and most of North America
- 18,000 years ago, winter temperatures were 27 to 36 degrees cooler. Ice Age Florida was like Quebec.
- As the India tectonic plate pressures the Eurasian plate, Mount Everest is rising at 3 cm a year.
- Earth tilts 23.5 degrees on its axis, causing our seasonal weather variations.
- More than 11 million species live on the planet.
- Humans have named about 1.7 million.
- Oceans cover 70% of Earth's surface.
- Forests harbor 80% of Earth's biodiversity.

### **Modern Footprints**

- The last decade had the highest average temperatures on record.
- Global temperatures may rise as much as 10.4 degrees by 2100
- More than 70 million barrels of crude oil are produced a day.
- The 806 million cars and light trucks in the world burn 260 billion gallons of gasoline and diesel fuel a year.
- 1.6 degrees is the rise in average temperature between 1970 and 2010.
- Every square mile of ocean contains 46,000 pieces of plastic trash.
- Extreme weather may force relocation of 150 to 200 million people by 2050.
- Known species extinctions since 1500: 869.
- Known species at risk for extinction today: 18,351
- Sea levels are predicted to be 3 feet higher in 2100.
- Ocean temperatures have risen 1.4 degrees since 1970
- One-third of the oceans' rise is because of higher ocean temperature.
- In the last 8,000 years Earth has lost 11,000 square miles of forest.
- Renewable energy provides 8% of total U.S. energy. Other sources: petroleum (37%), natural gas (25%), coal (21%), nuclear (9%).
- Sources of greenhouse gases: electric power (35%), transportation (27%), industry (20%), agriculture (7%), commercial (6%), residential (5%).

### **In the Last 50 Years**

- Since 1960, world automobile production has increased by 370%
- The U.S. share of auto production dropped from 47.9% to 4.6%. China's grew from less than 1% to 21.7%
- The average price of a gallon of gas grew from 25 cents to \$3.51
- The average cost of a new car rose from \$2,600 to \$27,958
- World oil consumption grew 401% from 21.3 million to 85.8 million barrels a day. U.S. consumption rose (up 198%), so did China's (up 458%), Japan's (724%), India's (1,850%) and Germany's (409%)
- Average U.S. house size grew from 983 sq. ft. in 1895 to 2,377 sq. ft. in 2010
- Home size peaked in 2007 at 2,521 sq. ft.

### **Steps in the Right Direction**

- The ozone hole is at its smallest since 2004, due to reduced chlorofluorocarbon usage
- It is predicted to disappear altogether by 2050
- The average American accounted for 17.7 metric tons of carbon dioxide in 2009, down from 20.3 metric tons in 2005 (although still 4 times the world average)
- Soot reduction, easy and cheap to do, could halt warming enough to preserve Earth's polar ice cap.
- Since 2001, the bald eagle and nine other U.S. wildlife species have bounced back from endangered status
- U.S. investment in solar power lowered the cost of clean, renewable energy
- Offshore wind farms: same story
- Biofuel could soon be used in jets fitted to fly on this lower-carbon source.

### Easy Ways to Tread Lightly

- Buy better meat but less often. Opting for cuts from sustainable raised animals and decreasing meat consumption will ease environmental stress
- Set your water heater at 120 degrees. Many are set to 140 degrees, which is both wasteful and hazardous
- Use your wood-burning stove or fireplace only on special occasions. The smoke pollutes both inside and outside air.
- Reduce your time in the shower by 5 minutes and save 25 gallons of water a day
- Loading dirty dishes without rinsing saves up to 20 gallons of water per dishwasher load
- Add native plants to your garden, they need less water and fertilizer.
- 90% is the amount of energy saved if you wash clothes with cold water
- If rain is coming, don't water or fertilize your garden. Water will go to waste and fertilizer will travel down storm drains, polluting waterways.
- Bank online to save paper. You'll do it once then wonder what took you so long.
- Check out the Department of Energy's tips on maximizing energy efficiency while saving money. Go to [www.energysavers.gov](http://www.energysavers.gov)

### *Out and About: Upcoming Conferences*

*Evidence Based Neonatology—Today and Tomorrow* June 2-4, in Stockholm, Sweden. For more information go to [www.ebneo.org/wp/](http://www.ebneo.org/wp/)

*Neonatal Pharmacology* June 16-18, 2011, in San Francisco, CA, through Contemporary Forums. For more information go to [www.contemporaryforums.com](http://www.contemporaryforums.com)

*35<sup>th</sup> Annual Conference on Neonatal/Perinatal Medicine* July 14-17, 2011, in Portland, Oregon, through AAP District VIII. For more information call (541) 953-1739 or go to [info@d8neonatalconference.org](mailto:info@d8neonatalconference.org)

*2011 AWHONN Convention* June 35-29 in Denver, CO. For more information go to [www.awhonn.org](http://www.awhonn.org)

*Neonatal & Pediatric Nutrition: Update 2011* July 18-20, in San Diego through Contemporary Forums. For more information go to [www.contemporaryforums.com](http://www.contemporaryforums.com) or email [info@cforums.com](mailto:info@cforums.com) or call 800 377 7707.

*Breastfeeding: New Strategies for Improved Outcomes* July 20<sup>th</sup> in Burbank through PESI HealthCare. For more information go to [www.pesihealthcare.com](http://www.pesihealthcare.com) or call 800 843 7763.

*Breastfeeding: New Strategies for Improved Outcomes* July 20<sup>th</sup> in Anaheim through PESI HealthCare. For more information go to [www.pesihealthcare.com](http://www.pesihealthcare.com) or call 800 843 7763.

*Breastfeeding: New Strategies for Improved Outcomes* July 21<sup>th</sup> in San Diego through PESI HealthCare. For more information go to [www.pesihealthcare.com](http://www.pesihealthcare.com) or call 800 843 7763.

*4<sup>th</sup> Annual District VI Neonatology Conference* September 16-17, 2011, in Chicago, IL. For registration or more information go to [www.pedpubinc.com](http://www.pedpubinc.com)

*Miami Neonatology 2011 35<sup>th</sup> Annual International Conference* October 27-29, 2011, in Miami, Florida, through the University of Miami Miller School of Medicine. For more information go to <http://neonatology.med.miami.edu/conference>

*16<sup>th</sup> Annual International Meeting of the Academy of Breastfeeding Medicine* November 3-6 in Miami, FL through the Academy of Breastfeeding Medicine. For more information go to [www.abm@bfmed.org](http://www.abm@bfmed.org)

*SCANN'S Annual Conference* November 7<sup>th</sup> in San Diego. For more information go to [www.neonatenurses.com](http://www.neonatenurses.com)

*The Fetus & Newborn: State-of-the-Art Care* November 9-12, in Las Vegas through Contemporary Forums. For more information go to [www.contemporaryforums.com](http://www.contemporaryforums.com) or email [info@cforums.com](mailto:info@cforums.com) or call 800 377 7707.

*Developmental Interventions in Neonatal Care* November 13-16, in Las Vegas through Contemporary Forums. For more information go to [www.contemporaryforums.com](http://www.contemporaryforums.com) or email [info@cforums.com](mailto:info@cforums.com) or call 800 377 7707.

*Hot Topics in Neonatology 2011* December 4-6, 2011, in Washington, D.C. For more information go to [www.hottopics.org](http://www.hottopics.org) or contact Gail M. Murphy at [info@hottopics.org](mailto:info@hottopics.org) or at 802 865 2283.