

mosaicUpdate

A SEMI-ANNUAL NEWSLETTER FOR NATIONWIDE CHILDREN HOSPITAL STECKER SCHOLARS

SPRING/SUMMER 2009



Inside

- AM Rotary fellowship helps train doctor from Philippines 2
- The Advisory Committee Members Write Policy,
Review Applications and Award Scholarships. 6



Editorial



Seasons come and seasons go, but the one constant you can count on at Nationwide Children's Hospital is change. As an institution, and as a program, we continually strive to meet the needs of our patient population, our visitors and the Nationwide Children's Hospital employees.

Nationwide Children's placed 6th nationally in a Parents Magazine ranking of the top ten children's hospitals, and had specialty rankings of 3rd in Emergency Medicine and Cardiology/

Cardiothoracic, 8th in Hematology/Oncology, and 10th in Orthopedics.

The International Program is now the International Education Program (IEP). This is the umbrella for the Stecker International Scholars Program, the China Program, and our newest, the Dublin AM Rotary International Pediatric Interventional Radiology Mini-Fellowship. To reflect these and other changes, the IEP webpage is being updated. The new site will contain loads of information and links that we think will be useful to potential and former scholars.

Former scholars should expect to receive questionnaires 90 days after returning home. All of the information collected is used to help us serve our incoming scholars better and to measure program outcomes. The International Education Program exit evaluations and follow up questionnaires give us feedback

from current and former scholars and are valuable tools in upgrading our program. Be sure to send yours back so your voice can be heard.

The International Education Program family has expanded. **Daiwei Lo** (Daiwei.Lo@NationwideChildrens.org) and **Eileen Tyre** (Eileen.Tyre@NationwideChildrens.org) welcome new team member **Deborah Husted** (Deborah.Husted@NationwideChildrens.org). Questions can be directed to any of us.

And last, but certainly not least, we would like to thank all of the departments and hosts that have continued to support our mission throughout the years. We exist because you care. A special note of thanks to **Dr. Stephen Welty** for soldiering on despite the challenges, and to Dr. Marcio da Fonseca for always putting the scholars' needs first and always being available when we need him. 

News Update

Nationwide Children's Hospital and Magnet™

In 2005, Nationwide Children's Hospital became the first freestanding children's hospital in Ohio to receive Magnet™ designation. Magnet status is awarded for a four-year period. Nationwide Children's will submit a comprehensive renewal application for re-designation this spring.

What is Magnet Designation? Simply put, being a Magnet hospital means having the best nurses anywhere. The Magnet Recognition Program® was developed by the American Nurses Credentialing Center™ to recognize hospitals that provide world-class nursing.



Magnet status is the ultimate benchmark in nursing excellence, measuring quality patient care and innovations in nursing practice. Only hospitals that meet 14 standards, known as the "Forces of Magnetism," achieve Magnet status.

The Highest Recognition in Nursing Nationwide Children's Hospital is proud to be one of just 286 Magnet hospitals in the country.

To learn more about the Magnet Recognition Program, visit www.NurseCredentialing.org/magnet



Malika Haque Joins The Joint Commission

Dr. Malika Haque is serving on an Expert Advisory Panel for The Joint Commission (TJC) that is entrusted with the task

of developing "Hospital Standards for Culturally Competent Patient Centered Care. Dr. Haque is one of eight physicians selected to for the 18-month project that will enhance national attention for the culturally diverse patient population. She has been on staff at Nationwide Children's Hospital for more than 30 years and has a great interest in cultural diversity and has presented on the topic at national and international conferences.



Health Information Translations

Nationwide Children's Hospital joined forces with The Ohio State University Medical Center, Mount Carmel Health System and OhioHealth to improve the health education needs for low literacy and limited English-speaking patients in

Continued on Page 2

central Ohio and beyond. A website, www.HealthInfoTranslations.org was created to share free patient education materials, including medication safety-related information. All material on the site is easy to read and prints in English and up to 18 other languages.

Resource List Of Websites Providing Medical & Scientific Information For Scholarly Research

Essential Health Links “..provides a gateway for more than 700 selected websites for health professionals and researchers, medical library communities, publishers and NGOs in developing and emerging countries.” The Essential Health Links website contains many embedded links. It was previously hosted by INASP (2002-2007) but is now a separately maintained project. INASP and Essential Health Links provide valuable content.

<http://www.healthnet.org/essential-links/about.html#template>

INASP: International Network for the Availability of Scientific Publications-
<http://www.inasp.info/index.html>

International Council for Science (ICSU)- <http://www.icsu.org/index.php>

HINARI- <http://www.who.int/hinari/en/>

Free Biomedical Literature Resources (National Library of Medicine/ NIH)-
<http://www.nlm.nih.gov/doctype/freehealthlit.html>

www.ent.groundspring.org

www.ecfm.org

<http://www.faimer.org/news/index.html#apmec6>

Minimally Invasive Interventional Radiology

By KATHLEEN L. RADCLIFF

Published: Thursday, March 5, 2009 9:04 AM EST

Reprinted with permission from the SNP

Just four words, for a treatment that offers less risk, less pain and less recovery time to the patient, when compared to open surgery, according to information from the Society of Interventional Radiology.

It's a kind of treatment that has Dr. Bill Shiels, chairman of the department of radiology at Nationwide Children's Hospital thinking out of the box, and sharing his expertise and skill with other radiologists through the Dublin AM Rotary International Pediatric Interventional Radiology Mini-Fellowship.

Shiels and Dr. Dennis Villanueva, the first Dublin AM Rotary International Pediatric Interventional Radiology fellow, discussed their experience during the

rotary club's regular meeting Friday, Feb. 27, at the Country Club at Muirfield Village, 8715 Muirfield Drive.

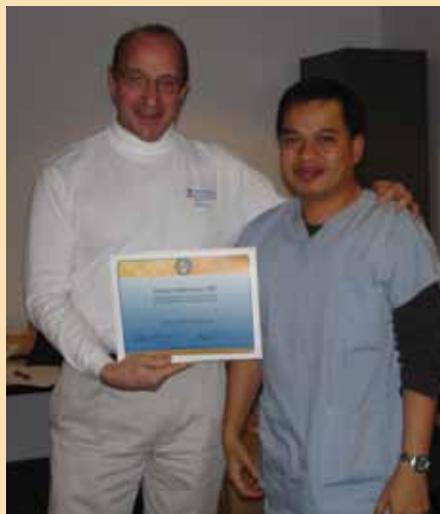
“This is the first year we have done this,” Rotary public affairs chairwoman Sue Burness said.

Dublin AM Rotary provided a \$7,000 grant to fund the two week mini-fellowship, she said. “I think we referred to this investment as capital for cure, or for curing the world,” Shiels said. “This is capital for making dreams come true.” “Without your help, we would not be able to help in the Philippines,” he said.

Villanueva's two-week fellowship consisted of working with Shiels and the team of interventional radiologists at Nationwide Children's Hospital to learn minimally invasive interventional radiology procedures to take back to the Philippines to treat children in need at St. Luke's Hospital in Manila, and to teach other radiologists.

Continued on Page 3

AM Rotary fellowship helps train doctor from Philippines



Dr. Bill Shiels, Chairman of the Department of Radiology at Nationwide Children's Hospital, presents Dr. Dennis Villanueva with a program certificate.

“With more than 7,000 islands, sometimes, getting to the patients can be logistically impossible,” Shiels said, recalling his experience in the Philippines as a military doctor.

“We use X-rays, ultrasound and CT scans to advance a needle, wires or catheters into the body to treat the source of the disease non-surgically,” Villanueva said. “For the patient, this means less pain and less recovery time,” he said.

Bone cysts, foreign body removal, lymphatic malformations, as well as eye tumors, have been successfully treated with interventional radiology, sometimes where surgeries fail, Villanueva said.

“He removed 16 metal and wood fragments from live tissue during his time here,” Shiels said, adding Villanueva has patients waiting for treatment, and 10 radiologists to train when he returns to the Philippines.

“He has all the skills he needs to treat patients immediately,” Shiels said. “Most financial experts agree, usually, a two-year return on an investment is a good return.” When Villanueva returns to the Philippines, “You will see a return on your investment in 30 days,” he said.

“This expertise will not only open

up avenues for treatment, it will open up avenues for cure,” he said.

Shiels recalled a 19-year old man with a tumor on his lower spine. “He couldn’t walk, and he couldn’t work,” he said.

“Most financial experts agree, usually, a two-year return on an investment is a good return.” When Villanueva returns to the Philippines, “You will see a return on your investment in 30 days,”

Following interventional radiology treatment, Shiels said, “That young man is now attending college in Kansas, he’s working and he’s gaining weight because he’s partying too much,” he said.

Shiels said he and Villanueva put the final touches on treating a

young Dublin girl with interventional radiology for her leg tumor Thursday.

“I think you are going to make a lot of dreams real back in the Philippines,” Dublin AM Rotary President Susan Robenalt said. “My dream would be to see this grow throughout Rotary International.” For more information about Dublin AM Rotary, visit dublinam.org.

“We use X-rays, ultrasound and CT scans to advance a needle, wires or catheters into the body to treat the source of the disease non-surgically. For the patient, this means less pain and less recovery time.” -Dennis Villanueva

Dr. Bill Shiels hosted Dr. Villanueva during his two-week visit to Nationwide Children’s Hospital. Dr. Shiels is a pioneer, helping doctors across the world work better. In the last year alone, his department has developed five new procedures and clinical practices. Dr. Shiels holds the patent on the sole device marketed for the non-surgical treatment of intussusception, a condition that leads to bowel obstruction in infants. This potentially lethal ailment is the most common abdominal emergency in infants and young children. Dr. Shiels joined Nationwide Children’s in 1995. ◻

From Across the Miles



Message from Dr. Hui Yao
at the Wuhan Children's
Hospital, the People's

Republic of China

I treasure the experience at Nationwide Children's Hospital. I would like to thank the Education Department for arranging the training and Dr. Hardin for mentoring me. I have already taken several important steps to develop our programs at the Wuhan Children's Hospital, including:

- 1) I gave a special seminar one week after I returned. This seminar was open to the staff, nurses, physicians and faculty of our hospital. About 30-40 people attended the seminar.
- 2) I wrote a special paper about my training at Nationwide Children's Hospital. I shared with my colleagues at the Wuhan Children's Hospital my personal views about wonderful leadership, management style, professionalism of managers and staff at Nationwide Children's Hospital. This special report was published on the official webpage of Wuhan Children's Hospital, and is open to the public also.
- 3) We now use the NCH Type 1 Diabetes Management System in our daily clinical work. We began to use four injections per day to control the blood glucose of diabetic patients whose blood glucose was hard to decrease before.
- 4) Genetic and metabolic diseases are still our pain. [Whenever] I face a patient with an unidentified diagnosis, I feel so sad and frustrated. Now we are making great efforts to apply genetic and metabolic knowledge in the diagnosis and treatments of these diseases.



From former scholar, Lia
Toda, MD:

I'm very well. Working a lot and with good news. I was invited to teach for medical students. Now I'm just an initial assistant professor, but in the next few months I'll be an assistant professor and I hope that in the future I'll be responsible for the Pediatric Surgery classes.

Thanks for your help, and think about coming to visit Brazil one day.

Hugs,
Lia Toda
State University Hospital of Maringa
6/08 – 9/08



Many scholars remain in contact with the IEP and their professional hosts long after they have completed their educational experiences. Here is what professional host, Dr. Jorge Vidaurre passed on to us about Mauricio Marchesinni:

I want to let you know that after finishing 3 months (6/08 – 9/08) at Nationwide Children's Hospital, Dr. Marchesinni is back in El Salvador (Instituto de Neurociencias de El Salvador). He is having an active role in taking care of patients with epilepsy (adults and children). He is trying to develop an "Epilepsy Monitoring Unit" (EMU) in El Salvador with the capability of monitoring children and adults. His training at Nationwide Children's Hospital was important to give him the ability to monitor pediatric patients. He is also trying to help implement ketogenic diets in a public hospital in El Salvador. He was exposed to the ketogenic diet program already established at our

center and saw the benefits of this type of treatment in children that are refractory to medications. Keep in mind that there are no such programs in El Salvador and there is a lack of training and economical resources, so the fellowship at Nationwide Children's is a wonderful opportunity to help in improving health care in developing countries. Thanks again for your help in organizing the program.



After a long and arduous trip home, Dr. Sebastian Ekenze wrote:

10/16/08- I got back to Nigeria on Monday, October 13. Though the journey was tiring, it actually afforded me an opportunity to reflect on my experience at the Nationwide Children's. Frankly speaking, I thank God for the program and opportunity... It was an awesome experience. I am currently battling with environmental and social adaptation...
11/29/08- I have already started implementing my Stecker experience here especially in the area of training Medical students and Resident doctors. They are really amazed at how they have overlooked such simple but sensible issues I have introduced them to. I have also commenced a multidisciplinary approach to management of childhood diseases, as well as joint meeting with other disciplines. Frankly, we are just starting.
Sebastian Ekenze, MD
University of Nigeria Teaching Hospital
7/08 – 10/08



Research Update

The Research Institute at Nationwide Children's Hospital is one of the top 10 National Institutes of Health-funded free-standing pediatric research facilities in the United States supporting basic, clinical and translational research activities. Thirteen Centers of Emphasis comprise the Research Institute and allow traditional academic boundaries to be crossed and merged. More information is available at www.NationwideChildrens.org/research.

A Look Inside the Center for Injury Research and Policy

The Center for Injury Research and Policy (CIRP) works globally to reduce injury-related pediatric death and disabilities. With innovative research at its core, CIRP works to continually improve the scientific understanding of the epidemiology, biomechanics, prevention, acute treatment and rehabilitation of injuries. CIRP serves as a pioneer by translating cutting edge injury research into education, advocacy and advances in clinical care. In recognition of CIRP's valuable research, the Centers for Disease Control and Prevention (CDC) recently named the Center for Injury Research and Policy as one of only 13 centers in the United States to be designated as an Injury Control Research Center, and the only center to be solely pediatric focused.

A Research Summary Brief: Secondary Injuries among Individuals with Disabilities

Because individuals with disabilities are at significantly increased risk for unintentional injuries, the need to better understand the factors that impact the occurrence of injuries among individuals with disabilities, to identify injury patterns and to investigate the medical costs of these injuries are high priorities.

Huiyun Xiang, MD, MPH, PhD developed a Research Summary Brief highlighting eight of his studies that focus on children with disabilities.

One study featured found children with and without disabilities experience the same types of injury episode, but children with disabilities experience injury episodes more often. Also, children with a single disability had a significantly higher prevalence of injury (3.8 percent) than children without a disability (2.5 percent). The Research Summary Brief is available online at www.injurycenter.org. To request a free hard copy of the Brief, please contact 614-722-2400 or e-mail CIRP.info@NationwideChildrens.org.

The International Program of the Center for Injury Research and Policy The Center for Injury Research and Policy created the International Program to utilize its expertise to impact injury control initiatives in the developing world. Currently, CIRP's International Program is funded through three grants, which include the following major objectives.

- To study the impact of sleep disturbance and school work pressures on farm work-related injuries among middle school students in China (CDC funding).
- To increase training and research related to agricultural injuries in China in order to develop an infrastructure for future sustainable agricultural injury research in China (NIH funding).
- To study work-related injuries among foreign-born persons in the U.S. workforce (CDC funding).

To learn more about these programs and other CIRP initiatives, visit www.injurycenter.org. □

Look Who's Coming to Visit!

Confirmed Scholars for 2009

May - June 2009

Anna Minga, RN
Critical Care
Tanzania

Enna Mongi, RN
Critical Care
Tanzania

Aug. - Oct. 2009

Uthen Pandee, MD
Emergency Medicine
Thailand

Sakda Arj-ong, MD
Emergency Medicine
Thailand

May - Aug. 2009

Praful Maste, MD
Neurosurgery
India

July - Oct. 2009

S. Sheriff, MD
Radiology
Liberia

June - Aug. 2009

Luhong Hu, RN
Surgical Care
Wuhan, Chin

Aug. 2009 - Aug. 2010

Saeeda Almarzooqi, MD
Laboratory Medicine
United Arab Emirates



The Advisory Committee members write policy, review applications and award scholarships.

The International Program (IP) is governed by an Advisory Committee whose members write policy, review applications and award scholarships among other duties. Their combined expertise and diverse backgrounds ensures that the scholarships are awarded to those who would benefit the most. All interested parties should have their completed application packet to the IP no later than June 30, 2009. The next selection meeting will be held in late July 2009. Although selection meetings have been held semi-annually, this year we will move to a single meeting per year. Following this summer's review, the next meeting will take place in July 2010. Prospective scholars should note that any award offers are contingent upon the scholar's ability to secure and provide proof of a J-1 travel visa. Scholars who cannot travel on a J-1 visa are ineligible to receive funding from the Stecker Program.

Karen E. Heiser, PhD is Vice President, Designated Institutional Official for graduate medical education, and the Co-Director of the International Scholars Program. Dr. Heiser oversees the selection, program planning and evaluation of visiting physician scholars and is responsible for patient, community and outreach education and the hospital's libraries.

John P. Cheatham, MD, is Co-Director of the International Education Program and has implemented a formal physician exchange program with two of the leading medical institutions in China. He is also Director of Cardiac Catheterization and Interventional Therapy and Co-Director of The Heart Center at Nationwide Children's Hospital. Dr. Cheatham's area of expertise is transcatheter intervention and Hybrid therapy of newborns, children and adults with complex congenital heart disease.

J. Terrance Davis, MD, is the Medical Director of the Stecker International Program. He is the Administrative Surgical Director and Co-Medical Director for Patient Safety at Nationwide Children's Hospital. Dr. Davis has been involved in many different humanitarian programs, frequently working with the Gift of Life Program through the Rotary Club. He and his wife, Barbara, have taken mission teams to three different continents with the aim of improving care for children with heart disease. In Africa, Central America and South America, these teams have made significant differences in the level of care of the local programs. They are currently working to support an Orphanage in Africa for AIDS orphans.

Debbie Simon Sheppard serves as Director of Constituent Giving for Nationwide Children's Hospital Foundation where she is focused on raising funds to support the hospital's highest priorities. With more than 20 years of professional fundraising experience, Debbie engages the donor community to secure major gifts from individuals, corporations and foundations. She oversees the Stecker Scholarship endowment.

Cheryl Boyd PhD, RNC-BC, NEBC, has been at Nationwide Children's Hospital since September 2008 and leads the Department of Professional Development. Dr. Boyd's department provides Patient Care Services central education, Epic and nursing continuing education, career development and Magnet Recognition coordination and overall supervision of the nurse-scholars.

Grant Morrow III, MD, is a member of the Molecular and Human Genetics Section at Nationwide Children's Hospital and a Professor of Pediatrics at The Ohio State University College of Medicine. He has served on a number of national organization leadership assignments and is the Vice Chair of the Institutional Review Board. 

Conjoined Twins Set to Reunite With Liberian Radiologist

In 2000, conjoined twins Mary and Deontee Cole were separated by a surgical team lead by Dr. Gail Besner at Nationwide Children's Hospital. Dr. S. Mohammed Sheriff of the John F. Kennedy Medical Center in Monrovia, Liberia was instrumental in arranging for the surgery and bringing them here. The successful separation took place on September 11th of that year and the Cole family remained in Columbus. As Mary and Deontee approach their 9th birthday, they remain healthy and are doing well in school. If all goes well, they and their family will reunite with Dr. Sheriff this summer when he joins the Stecker International Scholars Program. He is expected to arrive in July for a three-month educational experience with Dr. Bill Shiels in the Department of Radiology.

Mosaic Update is published semi-annually by the education department of Nationwide Children's Hospital.

Eileen Tyre, Editor (614) 722-4906
Joseph Wayand, Graphic Designer



NationwideChildrens.org

700 Children's Drive
Columbus, Ohio 43205

International Education

