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Christiana Care receives \$10M Innovation Challenge Grant



Christiana Care Health System will receive a \$10 million Health Care Innovation Awards grant over three years from the U.S. Center for Medicare and Medicaid Innovation. The grant will enable Christiana Care to create a new model of care that fills gaps in health services and harnesses new information technology to better coordinate care and achieve greater value for patients.

Titled "Bridging the Divide," the proposal was one of only 107 projects selected from more than 3,000 applications nationwide.

"Today, there is an information gap between the hospital and when a patient goes home," said William S. Weintraub, M.D., FACC, John H. Ammon Chair of Cardiology at Christiana Care. "This project will begin to close that gap."

Christiana Care's proposal focuses on treating patients with heart disease. Dr. Weintraub said that over three years, the project is expected to improve the quality of care, access to care and cost of care for about 2,300 patients.

"Bridging the Divide" is based on using existing hospital and office information systems to trigger alerts for patients who need extra care during hospitalization—and also after they've been discharged to their homes.



Christiana Care earns top marks in patient safety!

The Leapfrog Group, the nation's leading experts on patient safety awards, gives Christiana Care an A for putting patient safety first.

Christiana Care receives \$10M Innovation Challenge Grant

The alerts will help a team of doctors, nurses, case managers and other health care professionals to respond quickly and effectively. The process will enable patients to recover at home while safeguarding them from symptoms that can result in a costly readmission.

“Not only will our model improve the quality of life of our patients by enabling us to address the unique needs of patients,” said Robert J. Laskowski, M.D., president and CEO of Christiana Care. “It will also give health care systems across the nation the opportunity to learn from this new model of care.”

A key component of the project is the Delaware Health Information Network (DHIN), which already functions as a data collector for all Delaware hospitals. Today, DHIN collects more than 92 percent of lab results statewide, so health care professionals already are capable of accessing much of the most current, critical information on patients, according to Randall Gaboriault, chief information officer for Christiana Care and chair of the DHIN.

“Bridging the Divide” will integrate DHIN with additional databases to create a heart disease “data hub.” This new tool will improve care by:

- Using predictive analytics to identify which patients are more likely to experience readmissions, develop complications or need a higher level of care.
- Creating an electronic patient portal and personal health record that lets patients communicate with the care management team.
- Comparing patient-specific outcomes with evidence-based recommendations in cardiology.

- Using a software-driven care management program designed to improve patient outcomes.

“The work under this grant can serve as a model for the nation as we work together to deliver high-quality, affordable health care to Delawareans,” Gov. Jack Markell said. “Christiana Care is building on the considerable investment we have made in Delaware’s health care information infrastructure. Technology, information and innovation are critical to reducing health care costs and improving quality of care.”

Christiana Care’s model aims to detect whether resources can be applied to small segments of the population who need them the most in order to best steward resources.

“The Affordable Care Act allows us to increase access to affordable, quality care by finding innovative ways to get better health outcomes for less money,” U.S. Sen. Tom Carper said. “This federal funding, made possible by the Act, will help Delaware’s doctors and nurses to ... better coordinate care, especially for those with heart disease.”

U.S. Sen. Chris Coons said preventing heart disease is the best and most cost-efficient option we have and that the federal award will enable Christiana Care to achieve better patient outcomes and lower health care costs through stronger communication among Delaware’s health care providers.

“Making better use of data is key to improving the quality of care that patients receive, as well as reducing health care costs,” said U.S. Rep. John Carney. “Investing in this data hub will help ensure that doctors and nurses have the information they need to help patients manage heart disease and have access to important resources for effective care, while avoiding unnecessary and expensive visits to the hospital.” ●

Delaware Health Information Network celebrates five years

The Delaware Health Information Network (DHIN) commemorated five years of operation during a celebration event at the John H. Ammon Medical Education Center. It included Randall Gaboriault, chief information officer at Christiana Care and the board chair of DHIN, Gov. Jack Markell, U.S. Sen. Tom Carper, Dr. Jan Lee, executive director of DHIN, and Khuram Ghumman, M.D., of St. Francis Healthcare.

“The real impact of DHIN is with patient care,” Gaboriault said. “Physicians now have at their fingertips the information they need to quickly determine a proper course of treatment. That information was often delayed or had to be repeated before DHIN became available.” ●



Randall Gaboriault (right), with Gov. Jack Markell (left), and Dr. Jan Lee, executive director of the Delaware Health Information Network.

Christiana Care participates in home care program for seniors

Christiana Care is one of only 16 health care providers nationwide selected from a pool of more than 130 applicants to participate in a new home care program for chronically ill seniors.

Called the Independence at Home Demonstration Project, the three-year-old Centers for Medicare and Medicaid Services (CMS) program tests whether delivering primary care services in the home can lead to better health outcomes and reduce costs for patients living with multiple chronic illnesses.

U.S. Sen. Tom Carper co-authored the legislation into the Affordable Care Act. Christiana Care kicked off its participation with a press conference with Sen. Carper June 1 at the New Castle Senior Center.

"This program illustrates Christiana Care's commitment to providing health

care services where they are needed the most," said Gary Ferguson, chief operating officer. "For many of our patients, quality care is best delivered to them in their homes. This program is a great example of how Christiana Care provides value-based care."

"This demonstration project will allow us to reach more of our senior patients in need, support them and help keep them out of the Emergency Department and the hospital," said Michael Rosenthal, M.D., chair of Christiana Care's Department of Family & Community Medicine.

"By visiting patients in their homes, we get insights that are invisible during a routine office visit," said Ina Li, M.D., the associate director of Geriatrics and the medical director of the Visiting Nurse Association at Christiana Care.

"Through our visits, we are able to learn how patients are living with their medical conditions, how they are using their medications, their lifestyles and support system."

Under the project, CMS partners with primary care practices led by physicians or nurse practitioners to evaluate the extent to which delivering primary care services in a patient's home will improve health care and reduce costs. Up to 10,000 Medicare patients with chronic conditions will be able to access most of the health care services they need in their homes.

This project builds on the success of the Veterans' Administration's Home-Based Primary Care program. The project concludes May 31, 2015. ●



From left, Christiana Care Health System Chief Operating Gary Ferguson, Ina Li, M.D., associate chief, Geriatrics; U.S. Sen. Tom Carper; Mitchell Saltzberg, MD., medical director, Heart Failure Program; Michael Rosenthal, M.D., chair, Family & Community Medicine; and Lynn C. Jones, president, Christiana Care Visiting Nurse Association.

Don't go out without your water bottle

In the summer, many of us don't head outdoors without our sunscreen.

But what about water? About 60 percent of our bodies is made up of H₂O, which performs such essential tasks as cushioning our joints, flushing waste and transporting protein, amino acids, carbohydrates, vitamins, minerals and oxygen to cells.

Keeping hydrated is especially important in warmer months, when we perspire more. In fact, the average person has 2.6 million sweat glands, which is why we are soaked with perspiration after a rigorous workout.

But you shouldn't wait until after your workout to drink water. You should drink before you feel thirsty, because exercise blunts the mechanism that conveys thirst to our brains. And if you sweat profusely, consider a sports drink that will replenish the electrolytes you lost through perspiration.

Most folks don't need sports drinks to stay hydrated. Water will do just fine. And you don't have to buy expensive bottled water. Carry a reusable water bottle with you on your walk, or take it to the fitness center.

We have all heard that we should drink eight 8-ounce glasses of water a day. But calculating how much water we need is an inexact science, because we also get water from foods, such as fruits and vegetables.

The Institute of Medicine says men should drink about 3.0 liters (about 13 cups) of water a day. The recommendation for women is 2.2 liters (about nine cups) a day. Also keep in mind that some fluids can contribute to dehydration, including alcohol, coffee, tea and other drinks that contain caffeine.

Substituting water for soda yields healthy dividends. Consider that drinking water three times a week instead of a sugary beverage will eliminate 6,084 grams of sugar from your diet over the course of one year, according to the *American Journal of Public Health*. That's 24,336 calories.

How can you tell if you are drinking enough water? The color of your urine will tell you. If you are properly hydrated, your urine will be clear or light in color. Dark yellow or amber urine is a sign of dehydration. ●



UPCOMING EVENTS

September

9 A **Kidney Donation Educational Workshop** at the Sheraton Dover Hotel, 1570 N. DuPont Highway, Dover. It is a free educational program giving patients and their families important information on transplantation before and after the start of dialysis. Registration and complimentary brunch starts at 11:30 a.m. Preregister online at www.christianacare.org/kidney workshop by Thursday, Aug. 30, or call 623-3816 to register.

20 The **2012 Cancer Symposium** presented by the Helen F. Graham Cancer Center will be 6 - 8:30 p.m., Thursday, Sept. 20, at the John H. Ammon Medical Education Center. This year's symposium focuses on the human papilloma virus and will provide health care professionals with a greater insight into the virus and oropharyngeal and cervical cancers. Speakers include Adam Raben, M.D., director of Clinical Research, Department of Radiation Oncology, and Mark Borowsky, M.D., director, Division of Gynecologic Oncology. In addition, the annual Clinical Cancer Oncology Program awards presentations will be held at the symposium. Save the date and promptly respond to your email invitation later this summer.

October

14 The **5th Annual Wilmington Kidney Walk** starts at 10 a.m. Oct. 14 at Dravo Plaza on the Wilmington Riverfront. Registration begins at 8:30 a.m. For more information, check online at donate.kidney.org/wilmingtonde.

18 The **3rd Annual Kidney Transplant Symposium** for nurses and dialysis technicians will be 8 a.m. to 4 p.m., Oct. 18 at the Christiana Hilton, 100 Continental Drive. Register at the Education Center on the portal. Free registration. Light breakfast and lunch will be provided. For more information, contact Aline Stant, 623-3819, or email astant@christianacare.org.

28 **"E-Racing the Blues," a 10K-run and 5K-walk** co-sponsored by Christiana Care, begins at 8 a.m. Sunday, Oct. 28, rain or shine, at the Wilmington Riverfront. This event supports the Mental Health Association in Delaware. Register early online at www.eracingtheblues.com for \$20 (walk) or \$30 (run), or pay \$5 more to register at the event. Join the "We R Psyched!" team to be with Christiana Care colleagues and friends. For more information, contact Meghan Hudson mhudson@christianacare.org. ●

Living Well with Parkinson's disease

Christiana Care Rehabilitation Services sponsored "Living Well with Parkinson's Disease," a day-long event at the John H. Ammon Medical Education Center, to reach out to patients and caregivers of those with the disease.

A panel of patients from the Delaware community gave first-hand descriptions of living with Parkinson's disease and the many ways they can make every day count through mental and physical exercise, community and family support.

Lanny Edelsohn, M.D., a neurologist with Christiana Care Neurology Specialists, opened this inaugural conference with an overview of the brain disorder, which leads to tremors and difficulty with walking, movement and coordination, and other disabling symptoms. The disorder usually occurs after age 50.

Among the topics presented were Tricks of the Trade to Optimize Function in Parkinson's Disease; Medications for Parkinson's disease; and the research agenda funded by the Michael J. Fox Foundation. More than 120 participants attended to hear a full day of lectures. ●



PHOTO TOP: From left, Sebastian Hamilton, MBA, Pharm.D, of Christiana Care Outpatient Pharmacy Services; Ingrid Pretzer-Aboff, Ph.D, RN, University of Delaware; and Lanny Edelsohn, M.D., of Christiana Care Neurology Specialists.

PHOTO BOTTOM: From left, Christiana Care Department of Rehabilitation Services therapists Karen Rohrer, OTR/L, Stacy Gandia, MPT, and Nora Walstrum, MA, CCC/SLP. Each gave presentations on Parkinson's disease issues specific to their specialties.

New 'My Hospital Stay' packet simplifies important information for patients at discharge time

"My Hospital Stay" is a new packet of information that can help to guide patients through their hospital experience.

The shared-decision-making team of 4 Medical at Wilmington Hospital initiated the project, developed by a team led by Bonnie Osgood, nurse manager, and Timothy Hennessy, M.D. The "My Hospital Stay" packet helps orient patients and families to the hospital environment, and focus on preparing for discharge.

"By getting family members involved in planning for discharge, we hope to reduce some of the confusion around things like making sure the patient has a ride home from the hospital, or ensuring that they can get to their next follow-up appointment," Dr. Hennessy said. "This packet encourages families to have those discussions early."

The packet folder also gives families a convenient place to keep much of the paperwork accumulated during a hospital stay.

"This packet was the first project ever developed in collaboration with the Patient and Family Advisory Council at Wilmington campus," said Osgood. "By partnering with patients and families, we were able to ensure that the information is truly useful to our patients."

The packet will be available July 23 for ordering through SmartWorks using order number 11PAED7.

Another task force is developing a new, universal discharge packet that will incorporate what the team is learning from use of the My Hospital Stay packet. The universal discharge packet will replace not only the My Hospital Stay packet, but also the Patient & Visitor Information Guide.

"Our goal is to distill what we give to patients in the hospital to the most concise, efficient information possible," said Michelle Collins, manager, Nursing Professional Development and Education. "We know that when we give too much information, people don't read it. The universal discharge packet will be inviting, informative, easy to read and available in English and Spanish."

The team includes Kathy Pereira-Ogan, director, Service Excellence, Michelle Collins, manager, Nursing Professional Development and Education, Osgood, Kimberly Talley, director of Patient Care Services, Diane Bohner, M.D., medical director, Patient and Family Centered Care and Resource Management, and others. ●



Insight, Christiana Care's patient self-evaluation tool, received Top Five recognition in the health category competition from *Computerworld* magazine at its annual awards ceremony in June.

Already announced as a *Computerworld* Honors Program Laureate award winner

Computerworld magazine gives further praise to Christiana Care's patient self evaluation tool

earlier this year, the Insight program became a finalist in the health category, one of 10 classifications that in total received more than 500 nominations.

"This additional honor from *Computerworld* underscores the vital importance of innovative thinking and collaboration between our clinical and Information Technology staff to improve patient care," says Karen Gifford, Christiana Care's director of Information Technology.

The winning software program enables patients to report the severity of their symptoms and how these affect their quality of life, using a tablet-based, clinician-friendly wireless format. Patient feedback helped develop the program.

Cancer patients first used the tool in a pilot program in May 2010, followed by heart-failure patients. Christiana Care's Information Technology team launched a new release this year for a wider patient

audience and is now making iPads available to patients for the first time.

Seventy-six percent of patients say that they like using Insight, with 67 percent claiming the tool better prepares them to speak with their doctor. Doctors use the data to spark meaningful conversations with their patients.

"Insight gives physicians a greater understanding of the symptoms troubling a patient," said Theresa Gillis, M.D., medical director of Oncology Pain and Symptom Management and Rehabilitation Services at the Helen F. Graham Cancer Center, who accepted the award for the Christiana Care team. "Patients love the iPad because it is so quick and easy compared to paper and pen."

Other members of the team that developed Insight are Michael Bledsoe, John DiGiovanni, Jon Reynolds, Catherine Burch and Mitchell Saltzberg, M.D. ●

Christiana Care Health System Earns an A for Patient Safety

Hospitals nationwide received Safety Scores of A, B, C, D, or F based upon infections, injuries and medical and medication errors in a June 6 report by The Leapfrog Group, an independent, not-for-profit organization of employer purchasers of health care that focuses on patient safety.

Of the 2,652 general hospitals issued a safety score, 729, including Christiana Care, earned an A, 679 earned a B, and 1,243 earned a C or below.

"To be included among the select group of hospitals that received an A for patient safety is a tribute to all our doctors, nurses and front-line staff who are transforming our care — serving our neighbors as respectful, expert, caring partners," said Robert J. Laskowski, M.D., Christiana Care president and CEO.

Calculated under the guidance of a nine-member Blue Ribbon Panel of patient-safety experts, the Hospital Safety Score uses measures of publicly available hospital safety data to produce a single score representing a hospital's overall performance in keeping patients safe from preventable harm and medical errors.

Besides The Leapfrog Group, the 26 measures come from the Agency for Healthcare Research and Quality, the Centers for Disease Control and Prevention and the Centers for Medicare and Medicaid Services. The measures include:

- Computerized physician order entry.
- Surgical infection prevention.

- Falls and trauma.
- Central line associated bloodstream infection.
- Post-operative pulmonary embolism/deep vein thrombosis.

"It's The Leapfrog Group's goal to give patients the information they need and deserve before even entering a hospital," said Leah Binder, president and CEO of The Leapfrog Group. "We congratulate the hospitals that earned an A and we look forward to the day when all hospitals in the U.S. will earn the highest scores for putting patient safety first."



For a closer look at The Leapfrog Group's latest hospital safety measures, visit <http://hospitalsafetyscore.org>. ●

Transforming care by partnering with patients and families

More than 40 Christiana Care nurses, physicians, staff and senior leaders attended the 5th International Conference on Patient- and Family-Centered Care in Washington, D.C., June 4-6.

"The energy and passion from the Christiana Care team during the conference was incredible," said Diane Talarek, RN, MA, NE-BC, senior vice president, Patient Care Services and chief

nursing officer. "Those who attended the conference came back with many ideas on how to move the culture to a true partnership with our patients and their families."

The Wilmington Hospital ICU presentation "The Road Less Traveled: An Adult Combined Medical and Surgical Intensive Care Unit's Journey to Integrate Patient and Family

Into the Health Care Team" attracted a standing-room-only audience. Michael Benninghoff, D.O., medical director; Donna Casey, RN, nurse manager; Joanne Garcia, RN; Dannette

Mitchell, BSN, RN, BC; and patient and family advisor Michael Gervay explained how families are included in hourly rounding, interdisciplinary rounds and nurse-manager rounds, and how the team successfully lifted restrictions on ICU visiting hours.

Michael Gervay, whose involvement with the health care team during his father's end-of-life care at the ICU helped to propel many of these initiatives, shared an emotional story that underscored why partnering with families throughout the continuum of care is so important.

Dannette Mitchell, BSN, RN, CCRN, Paula Tomanovich, BSN, RN, BC, Jo Melson, MSN, RN, FNP-BC, Shelley Nix, senior patient representative, and Penelope Seiple, MSN, RN, NE-BC, vice president of Patient Care Services, presented the poster "One Voice: One Hospital's Journey to Transform Inside and Out by Incorporating Patients and Families into the Health Care Team."

Joyce Swisher, RN, and Mindy Neff, RN, MSN, CPNP, CPCE, presented the poster "Women's Health/Pediatrics Family Advisory Council: The Birth of a Council," which shared accomplishments and lessons learned from the Women's and Children's patient advisory council. ●



Michael Gervay

March of Dimes Family Support Program helps parents whose newborns need intensive care

A recent study in the journal *Pediatrics* shows that premature babies critically need initial parental support for optimal long-term physical and behavioral health.

The study adds some urgency to evidence in a 2007 study in the *Journal of Perinatology*, which concluded that a Neonatal Intensive Care Unit (NICU) Family Support Program, supported by the March of Dimes, had a positive impact on the stress level, comfort level and parenting confidence of NICU families.

The *Pediatrics* study suggests that the stress premature babies experience in the Neonatal Intensive Care Unit (NICU) may cause changes in the developing brain, and that extremely stressed parents might not be able to engage their baby as well as they would under normal stress with a full-term delivery of a healthy baby.

The March of Dimes and Christiana Care provide critical care to premature babies, plus practical and emotional support for their parents through the same NICU Family Support Program. The program helps about 800 families each year in Delaware.

Designed by families with children who once were NICU patients, the program includes a part-time March of Dimes specialist who can communicate in English or Spanish to help familiarize parents of the newborn with the staff, equipment, procedures and conditions in the NICU. The specialist helps customize the program for each family, providing additional support for siblings and the extended family, as well as services upon discharge to help make the transition home easier for families. It also offers support services to parents and families in the event the newborn dies in the hospital. ●





Denise Lyons completes Practice Change Fellowship Program

Denise Lyons, RN, MSN, a clinical specialist in gerontological nursing, reviews a patient's chart on the ACE unit, 6A, at Christiana Hospital, with unit clerk Katelyn Trader.

Denise Lyons, RN, MSN, clinical specialist in gerontological nursing, completed a two-year program designed to build leadership capacity among those responsible at operations-level for geriatric programs and service lines.

Lyons is one of only eight fellows accepted for the Practice Change Fellowship Program in 2010. The fellowship is a highly competitive national award from Atlantic Philanthropies and the John A. Hartford Foundation.

Lyons worked with other program fellows and a team of mentors, including geriatrics professionals and national policy experts, to develop a comprehensive model of care to promote physical function in hospitalized older adults on Christiana Hospital's Acute Care for the Elderly (ACE) unit.

Results of this project include a 35 percent reduction in the 30-day readmission rate, a 60 percent decrease in falls rate, and a 0.5 day decrease in average length of stay, with an estimated \$200,000 cost savings. She received a \$90,000 award to complete the program.

"Denise Lyons' project is making a critical difference in quality of care for the seniors we serve at Christiana Care," said Patricia Curtin, M.D., ACE unit medical director.

"As a graduate of the Practice Change Fellowship Program, Denise has not only improved geriatric care at Christiana Care, but she is now part of a collegial network of dedicated professionals who share a commitment to improving geriatric care delivery," said Eric A. Coleman, M.D., the University of Colorado at Denver physician who founded the program and serves as its director. ●



For more information on the Practice Change Fellowship Program, visit www.practicechangefellows.org.

Professional society honors Marcus Suhr for outstanding contributions to occupational safety

The Delmarva Chapter of the American Society of Safety Engineers (ASSE) has named Christiana Care Health System Occupational Safety Specialist Marcus Suhr, CSP, CHMM, the 2011-2012 Safety Professional of the Year, in recognition of his commitment to professional excellence and outstanding contributions to occupational safety.

At Christiana Care, Suhr helps ensure worker safety and compliance with regulations and standards on hazardous materials, hazardous waste, hazardous communication, patient decontamination and other safety compliance issues. He also helps coordinate hazardous materials and waste awareness training for Christiana Care staff members.

"Marcus has done an exceptional job of advancing our occupational safety programs, and has been instrumental in implementing our pharmaceutical waste program," said Nancy J. Kirby, CIH, Occupational Safety supervisor. ●



Global Research Collaborative helps reduce mortality during childbirth



Twice this year, Kathleen Sebelius, U.S. Secretary of Health and Human Services, has met directly with members of the Christiana Care – Jawarhal Nehru Medical Center – National Institutes of Health (NIH)-funded Global Research Unit for Women and Children’s Health.

Her first visit was in Belgaum, India, in January where she personally thanked the research team for its efforts in finding new approaches to preventing maternal deaths worldwide. The team briefed the Secretary on new research findings that prove that simple neonatal resuscitation can save the life of newborns. Sebelius also visited a rural site where a study showed that early parental involvement and closeness with resuscitated babies, such as physical contact, games and playing with toys, significantly improves development.

In her report to the June 4 session of the Global Network Steering Committee in Washington, D.C., Secretary Sebelius noted the importance of the Network’s research agenda and gave special commendation to Christiana Care’s internationally recognized research team.

With an 11-year history of NIH funding, the team is ready for another five-year cycle of support, said principal investigator Richard Derman, M.D., MPH, chair of Christiana Care’s Department of Obstetrics and Gynecology.

Among the areas to be studied are preterm birth prevention, the role of household air pollution on maternal and neonatal outcomes, and using simple checklists to prevent harm. A focused study, Helping Babies Breathe, which will use simple techniques in an infant’s first minute of life, (The Golden Minute) promises to dramatically reduce infant mortality.

“The work of our team and the Global Network has resulted in more than 150 published papers and has changed accepted care practices for women and children all around the world,” Dr. Derman said. ●

From Left, Dr. Prabhakar Kore, M.P., chairman of the KLE Society; Richard Derman, M.D., MPH, chair of Obstetrics & Gynecology, Christiana Care; Bhalchandra Kodkany, M.D., principal investigator, JNMC-UMKC Women’s & Children’s Health Research Unit; Kathleen Sebelius, U.S. Secretary of Health and Human Services; Linda Wright, M.D., Global Network for Women’s and Children’s Health Research; Yvonne Maddox, M.D., National Institute of Child Health and Human Development (NICHD); NICHD Director Alan Guttmacher, M.D.; and Shivaprasad Goudar, principal investigator, Helping Babies Breathe Initiative.

Marc T. Zubrow, M.D., and Robert Cox, M.D. honored for decades of service to Christiana Care

The Department of Medicine recognized Marc T. Zubrow, M.D., and Robert W. Cox, M.D., with commemorative plaques given in appreciation for their decades of service to Christiana Care Health System.

Dr. Zubrow departed Christiana Care effective July 1 after 24 years of dedicated leadership and outstanding service in Critical Care Medicine, eCare and Flexible Monitoring. "In addition to his many years of service, Dr. Zubrow has laid the foundation for a smooth transition and continued excellence in our critical care services," said Virginia U. Collier, M.D., the Hugh R. Sharp Jr. Chair of Medicine at Christiana Care, at a farewell tea on June 13.

On June 7 at Medical Grand Rounds Dr. Collier presented Robert W. Cox, M.D., a member of Nephrology Associates, with a plaque recognizing 15 years of service as section chief of Renal and Hypertensive Diseases.

"While Section Chief of Nephrology, Dr. Cox made innumerable contributions to his patients, to his colleagues, and to Christiana Care," said Dr. Collier. He was a staunch supporter of our establishing a nephrology fellowship and remains committed to the highest standards of medical education and patient care." ●



Virginia U. Collier, M.D., the Hugh R. Sharp, Jr. Chair of Medicine at Christiana Care, presents commemorative plaques to Marc T. Zubrow, M.D. (left photo) and Robert W. Cox, M.D.

Chief Medical Officer Janice Nevin, M.D., MPH named Family Physician of the Year



The Delaware Academy of Family Physicians (DAFP) presented Family Physician of the Year awards to Christiana Care Chief Medical Officer Janice Nevin, M.D., MPH, and Timothy Dowling, D.O., a member of Mill Creek Medical Associates and the Christiana Care Medical-Dental Staff, at the Academy's annual meeting in June.

The award recognizes Delaware family physicians for outstanding patient care, dedication to family medicine, and community involvement. ●

From left, DAFP President-elect Joseph Hill Kim, D.O., Timothy Dowling, D.O., Janice Nevin, M.D., MPH, Omar A. Kahn, M.D.

Christiana Care names new directors



Penny Vigneau

Penny Vigneau assumes new responsibilities as senior vice president of Vascular and Behavioral Health Services

Penny Vigneau, senior vice president, Cardiovascular Services, has assumed additional responsibilities for administrative leadership of Psychiatry and Behavioral Health. Vigneau's new responsibilities and title, senior vice president of Vascular and Behavioral Health Services, took effect July 1.

Stephen Keiser is new director of Inpatient Practice Operations

Stephen Keiser has been promoted to the position of director of Inpatient Practice Operations for the Medical Group of Christiana Care, responsible for management oversight of managed inpatient practices, including Christiana Care Hospitalist Partners, Neurohospitalists, and Pulmonary Associates-Intensivists.



Stephen Keiser



Douglas Azar

Douglas Azar named Specialty Care Practice Operations & Network Development's new director

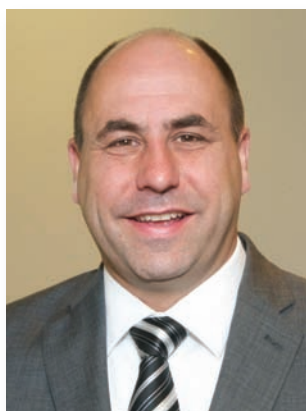
Douglas Azar has joined The Medical Group of Christiana Care as director of Specialty Care Practice Operations & Network Development, responsible for managed medical specialty practices and for supporting Christiana Care Health System-Medical Group of Christiana Care strategic network development initiatives.

Linda Kuritzkes joins as Compensation director

Linda Kuritzkes has joined Christiana Care as director of Compensation, responsible for designing and implementing all compensation plans. Kuritzkes previously was director of compensation at AstraZeneca. She holds a BS in chemistry and an MBA from the University of Rochester.



Linda Kuritzkes



Herbert Scherrer

Herbert Scherrer named administrative director of the Value Institute

Herbert Scherrer has joined Christiana Care as administrative director of the Value Institute, responsible for the business operations of the Value Institute, the Christiana Care Center for Outcomes Research and the Health Care Delivery Science Center. Scherrer previously was a senior managed markets business analyst at AstraZeneca. He received a bachelor's degree in accounting from Drexel University. ●

Publications

Robert Witt, M.D., a chapter, "Salivary Gland Diseases" in *Essentials of Otolaryngology*, Lee KJ ed. McGraw Hill Publishers; 2012:488-505.

Robert Witt, M.D., "Minimally Invasive Options for Salivary Calculi," in *Laryngoscope*.

Nancy L. Sloan, RN, and **Richard J. Derman, M.D., MPH**, et al., "Prevention of Postpartum Haemorrhage with Sublingual Misoprostol or Oxytocin: A Double Blind Randomised Controlled Trial." *The British Journal of Obstetrics and Gynecology*, 2012 (119(8):975-86. doi: 10.1111/j.1471-0528.2012.03341.

Richard J. Derman, M.D., MPH, et al., "Neonatal Death in Low- to Middle-Income Countries: A Global Network Study." *The American Journal of Perinatology*, 2012 May 29.

Philip Shlossman, M.D., "Prenatal Diagnosis of Urinary Tract Anomalies." *Handbook of Urological Diseases in Children*. Chapter 1, pp. 3-36. World Scientific, Singapore, 2011. Gonzales and Ludikowski Editors.

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Anthony Sciscione, D.O., et al., "Increasing Maternal Body Mass Index and Characteristics of the Second Stage of Labor." *Obstetrics & Gynecology*, 2011 Dec; 118(6):1309-1313.

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Presentations

Nicholas J. Petrelli, M.D., Bank of America endowed medical director of the Helen F. Graham Cancer Center, was keynote speaker for the Cancer Session at the National IDeA Symposium of Biomedical Research Excellence (NISBRE) June 27 in Washington, D.C., representing the Delaware Health Sciences Alliance. His topic: Cancer Research.

Robert Witt, M.D., presented "Avoidance of Complications in Minimally Invasive Parotid Surgery"; "Prevention of Frey's syndrome"; and "Tissue Engineering a Salivary Gland," at the 9th International Course on Diagnostics and Surgery in Salivary Gland Disease in Nuremberg, Germany.

Timothy D. Rodden, MDiv, MA, BCC, FACHE, presented at the 2012 Leadership Summit of the Human Rights Campaign about Christiana Care's

participation and designation as a Leader in LGBT (Lesbian, Gay, Bisexual and Transgender) Healthcare Equality.

Appointments

Daniel J. Meara, M.D., DMD, program director and director of Research for Oral and Maxillofacial Surgery, to the Board of Directors for the Delaware Academy of Medicine.

The Professional Advancement Council congratulates and welcomes new RNIII's: **Susan Culp (3A/4B)**, **Sarah Flanders (Wilm ED)** and **Nancy Parsons (6A)**.

Awards

Frances Russo-Avena, RN, a nurse at Richardson Park Learning Center and part-time at Christiana Care Emergency Department, Wilmington Hospital, was selected by her peers and named Red Clay Consolidated School District's 2012 School Nurse of the Year. Russo-Avena serves students with special needs and provides added support for their families. Working collaboratively with educators, mental health care providers, therapists and her staff and administration, she brings added support to her special-needs students through grants and proposals for pilot programs.

Linda S. Brittingham, MC, LCSW, BCD, received the 2012 Community Advocate All Star Award from the Delaware Health Care Facilities Association.

Theresa Foraker, MSN, RN, ONC, FABC, completed a fellowship program with The Advisory Board Company. ●



CHRISTIANA CARE COMPLIANCE HOTLINE

Christiana Care's *Compliance Hotline* can be used to report a violation of any regulation, law or legal requirement as it relates to billing or documentation, 24 hours a day, 7 days a week. All reports go directly to Compliance Officer Ronald B. Sherman. *Callers may remain anonymous*. The toll-free number is: **877-REPORT-0 (877-737-6780)**.

✓ To learn more about Corporate Compliance, review the Corporate Compliance Policy online or contact Mr. Sherman at 302-623-2873.

Christiana Care and Westside Family Healthcare enhance partnership in community-based primary care

Christiana Care and Westside Family Healthcare are building on their longstanding collaborative relationship and an expiring three-year program supported by a primary care training grant from the U.S. Health Resources & Services Administration (HRSA). This grant paid for family medicine residency training and service-learning in caring for underserved populations, supported specific training in maternal-child health and provided a health coach to help meet complex needs of patients in developing a team model of care.

Christiana Care's Department of Obstetrics and Gynecology, Emergency Department and Wilmington Hospital Health Center also have been involved with this HRSA grant, which ended June 30. For this project, Westside Family Healthcare has provided partial funding for a part-time Family Medicine faculty member, Karen Antell, M.D. Westside Family Healthcare will continue to support Dr. Antell so that aspect of the program will continue.

"Westside Family Healthcare is a valued community partner, and this is truly a collaborative effort," said Michael Rosenthal, M.D., chair of Christiana Care's Department of Family & Community Medicine. "Working together, we can deliver improved care for some of our most vulnerable neighbors, a diverse population with complex social, economic and cultural needs."

Under the new collaborative initiative, Christiana Care is developing two additional Family Medicine faculty members, who will split time between Christiana Care and Westside Family Healthcare for combined academic/clinical roles. The new faculty members are graduating residents from Christiana Care's Family Medicine Residency Program. Westside Family Healthcare is also contracting with Christiana Care for one full-time equivalent position, with 60 percent of that slot filled by Lindsay Ashkenase, M.D., and 40 percent by Beth Greenwood, M.D.

Both physicians will contribute to reducing disparities in care, working primarily at Westside Family Healthcare's center in Newark. Dr. Ashkenase has a special interest in underserved populations and primary care needs for people with HIV/AIDS. She will work with patients one day a month at Westside's HIV clinic in Dover.



Westside Family Healthcare welcomed Lindsay Ashkenase, M.D., and Beth Greenwood, M.D., Christiana Care physicians who share a full-time post at Westside's Newark site.

These positions and the higher level of collaboration will expand Christiana Care's ability to provide family medicine services and training at Westside Family Healthcare and help residents gain insights and experience in providing care in traditionally underserved communities.

"We are thrilled that two of our graduates will be helping to expand educational opportunities within a federally qualified health center," said Lisa Maxwell, M.D., Family Medicine program director. "I am very optimistic this will help strengthen our primary care workforce in the future."

Tom Stephens, M.D., Westside Family Healthcare's chief medical officer, says the partnership reflects a shared vision of enhancing training for primary care providers to better serve patients who have traditionally had limited access to care.

This initiative follows guidelines established by the Affordable Care Act regarding training and services in community practices and federally qualified health center sites. ●

"Working together, we can deliver improved care for some of our most vulnerable neighbors."

*—Michael Rosenthal, M.D.
Chair, Christiana Care Department of Family & Community Medicine*

Patient testimonial in praise of stroke care and treatment



go to his job as a marine technician, when he suddenly found himself leaning on one side of the shower.

"I thought, 'I should sit before I fall,'" Hetherington says. He called to his wife, who saw that he couldn't move his left side and told their daughter to summon an ambulance.

At Christiana Hospital, tests showed Hetherington had a right internal carotid artery occlusion, which blocked blood flow to the right side of his brain. "It's amazing I'm walking and talking," he says. "I'm working. I went in on a Saturday, came home Thursday and was mowing grass on Friday."

Hetherington didn't know he was at a risk for stroke – he hadn't seen a doctor in years. But the brush with mortality has changed his life. He stopped smoking, monitors the fat and cholesterol in his diet, takes his medicine and no longer avoids his doctor.

"I'm pretty grateful to be here," he says, crediting Christiana Care with saving his life. "Sometimes I get a little choked up talking about it." ●

John Hetherington, 53, of Lincoln University, Pa., is proof of the progress that has been made in stroke recovery. One Saturday in late March, he was showering, getting ready to



Haiti Family Initiative shows appreciation

The Haiti Family Initiative (HFI) held a group meeting for the 2012 volunteers of the Women and Children's Wellness Camp in Jacmal, Haiti.

U.S. Sen. Chris Coons, on HFI's behalf, presented Ray Seigfried, Christiana Care's senior vice president, Administration, with two plaques to recognize Christiana Care Health System's support and Seigfried's personal support for HFI. The nonprofit group has provided women and children with fun, educational day camp activities and respite from hardships and difficult daily living conditions in the aftermath of Haiti's January 2010 earthquake.

Christiana Care has provided administrative leave for employees who wish to volunteer at this relief camp. Many of the volunteers have been staff physicians, physician assistants, nurses, social workers, and other allied health professionals. ●

Photo left: U.S. Senator Chris Coons of Delaware (left), presented commemorative plaques to Christiana Care Senior Vice President Ray Seigfried at an early summer meeting for HFI volunteers. With Seigfried is Carole Downs, one of the co-founders of HFI.

Photo right: Deirdre Ritchie, RN, from Wilmington Hospital Health Center Pediatrics Practice, with two Haitian boys at HFI's Women and Children's Wellness Camp in July 2010.





Checking back

Graham, a male Labrador retriever that nearly drowned in February 2010 in the frozen pond behind the Helen F. Graham Cancer Center, returned to the pond with his new owner, Christiana Care Life Safety Specialist Lisa Carr (right), to say Woof! to Nicholas Petrelli, M.D., Bank of America endowed medical director of the Cancer Center (left), and friends. Dr. Petrelli and Carr helped rescue the dog and Carr gave him a home when no one claimed him. ●



FORMULARY UPDATE — JUNE 2012

FORMULARY ADDITIONS

MEDICATION – GENERIC/BRAND NAME	STRENGTH / SIZE	USE / INDICATION	COMMENT
Eculizumab injection / Soliris	10 mg/mL 30 mL vial	<ul style="list-style-type: none"> • Treatment of atypical hemolytic uremic syndrome • Treatment of paroxysmal nocturnal hemoglobinuria 	Pharmacy will obtain as needed
Fosfomycin / Monurol	3 gram packet	<ul style="list-style-type: none"> • Treatment of symptomatic uncomplicated cystitis • Treatment of cystitis caused by ESBL-producing strains 	
⁸² Rubidium injection / Cardiogen-82		Diagnostic myocardial perfusion radionuclide used with PET to distinguish normal from abnormal myocardium	Use restricted to Nuclear Medicine

CCHS MEDICATION POLICY

Rehabilitation Unit enoxaparin and subcutaneous heparin administration times	<ul style="list-style-type: none"> • 0800 and 2000 daily changed to 0600 and 1800 daily • 0800 daily changed to 1800 daily
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FORMULARY DELETIONS

Amoxapine / Asendin 100 mg tablet	Removed because of lack of use. The 50 mg tablet remains available.
Didanosine 250 mg & 400 mg capsules	Removed because of lack of use. The 125 mg & 200 mg capsules remain available.
Haley's M-O	Removed because it is no longer manufactured
Lepirudin / Refludan	Removed because it is no longer manufactured
Pilocarpine 0.5% ophthalmic solution	Removed because it is no longer manufactured. 1%, 2%, 3%, 4%, 6%, 8% & 10% solutions remain available.



Christiana Care is a private, not-for-profit regional health care system that relies in part on the generosity of individuals, foundations and corporations to fulfill its mission. To learn more about our mission, please visit christianacare.org/donors.

Annual Jefferson Awards recognize community and public service leaders

Christiana Care Senior Systems Engineer John G. DiGiovanni represented Christiana Care Health System at the 2011 National Jefferson Awards ceremony and gala in Washington, D.C. DiGiovanni was honored with a Christiana Care Jefferson Award in 2011 for his dedication to disaster readiness and mastery of amateur radio technology as an emergency communications tool.

DiGiovanni has been an amateur radio operator since the early 1990s. He has long used his hobby as a means of public service. For example, he has helped the Red Cross keep families informed about loved ones during natural disasters such as Hurricane Katrina.

He approached Christiana Care's Volunteer Office in 2001 with the idea to develop amateur radio hobbyists into a group that would provide backup communications to Christiana Care and other non-profit organizations. That was the beginning of today's Christiana Amateur Radio Emergency Services (CARES) team.

Today DiGiovanni still recruits volunteers, makes presentations and conducts training to help maintain a strong volunteer group at Christiana Care comprising more than 25 members. The CARES team has built two fully operational radio stations and repeaters, and participates in emergency drills throughout our community. ●



John DiGiovanni (right) mingled with many national leaders, including CIA Director David Petraeus, at an annual Jefferson Awards Gala in June in Washington, D.C.