

2010 REPORT TO THE REGION

THE DOROTHY
RIDER POOL
HEALTH CARE TRUST

2010 STEWARDSHIP REPORT TO THE REGION

In his lifetime, Leonard Parker Pool dramatically improved access to quality health care for the people of the Lehigh Valley. His direction continues to challenge us to improve health and quality of life for the citizens of the region to this day. As Mr. Pool's stewards, the Pool Trustees are committed to the vision as articulated by our founder through the Trust's mission "to serve as a resource that enables Lehigh Valley Health Network (LVHN) to be a superior regional hospital and to improve the health of the citizens of the region it serves." Since the inception of the Trust, the Trustees have granted more than \$115,000,000 to that purpose.

We greatly value our partnership with the Board and Administration of Lehigh Valley Health Network in this important work. After 17 years at the helm, Dr. Elliot J. Sussman, Pool Professor of Health Systems Management, stepped down as CEO of LVHN in November 2010. We wish him success in his future endeavors. As we do so, we welcome Dr. Ronald W. Swinford as CEO of Lehigh Valley Health Network. We have worked closely with Dr. Swinford in his role as Chief Medical Officer at LVHN, and we look forward to our continued productive relationship.

In 2010, the Trust awarded nine major grants totaling \$8,359,867. These are exciting programs that help develop leadership and capacity at Lehigh Valley Health Network, and link research, best practices, and lifelong learning and education to improvement of health. Congratulations to all the recipients of these grants. We look forward to learning from them and celebrating their success.

Many have described the genius of Leonard Pool's leadership as the ability to cling steadfastly to the vision of what he was trying to achieve, while simultaneously remaining open and flexible to all possible methods of achieving the goal. The continuing work of the Trust remains true to Leonard Pool's vision: to preserve the core values of the Health Care Trust while remaining open to processes of change and innovation. This "both/and" is articulated in our strategic alignment with LVHN: "...the resources of the Trust will be utilized by LVHN to have a dramatic,

demonstrable, and sustained impact on the health of the citizens of the Lehigh Valley and will utilize Pool funds as 'risk capital,' identify and develop evidence-based methods to improve health status of the Valley, involve key parties that will facilitate programmatic success, and address racial and ethnic disparities."

These are challenging times for guardians of the health of a community, including our strategic partners at LVHN. Even with LVHN as a superior regional hospital and an outstanding community asset, we recognize that no one institution, hospital, government agency, or educational institution alone can address the health and health care of the Lehigh Valley. Strong interdisciplinary relationships can improve efficiency and effectiveness. Creating opportunities for inter-institutional cooperation to improve the health and quality of life in the Lehigh Valley is necessary and important work.

Mr. Pool put a limited life on his Trust. Accordingly, the Dorothy Rider Pool Health Care Trust will expire in 2025. The Pool Trustees invite you to imagine that, by that closing year, the Lehigh Valley is the healthiest community in America. What needs to be done to turn that imagining into reality?

John P. Jones III
Chairman

Edward F. Meehan
Executive Director



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STATEMENT OF FINANCIAL POSITION

December 31, 2010

ASSETS

CURRENT ASSETS

Cash	\$	1,814
Accrued Interest and Dividends Receivable		205,978
Investments		76,075,390
Accounts Receivable		1,428
Prepaid Expenses		<u>34,305</u>

Total Current Assets 76,318,915

FURNITURE AND EQUIPMENT, NET 9,022

TOTAL ASSETS \$76,327,937

LIABILITIES AND NET ASSETS

CURRENT LIABILITIES

Accrued Expenses and Other Liabilities	\$	37,428
Grants Payable		<u>5,379,797</u>

Total Current Liabilities 5,417,225

LONG-TERM LIABILITY

Grants Payable \$ 5,647,257

Total Liabilities 11,064,482

COMMITMENTS

NET ASSETS

Unrestricted	\$	15,681,486
Temporarily Restricted		<u>49,581,969</u>
Total Net Assets		<u>65,263,455</u>

TOTAL LIABILITIES AND NET ASSETS \$76,327,937

The financial statements for the Trust for the years ended December 31, 2010 have been examined by the accounting firm of EisnerAmper LLP (formerly know as Amper, Politziner & Mattia, LLP). A detailed financial report, as examined by EisnerAmper LLP, is available at the Trust office upon request.

GRANT AWARDS 2010

LVHN Department of Community Health, Health Studies and Education – Division of Education
Essential Infrastructure and Project Support
\$4,317,074 over three years

LVHN Department of Community Health, Health Studies and Education – Division of Community Health and Health Studies
Reorganization of Community Health and Health Studies
\$2,700,000 over three years

LVHN Department of Community Health, Health Studies and Education – Division of Community Health and Health Studies and the Department of Pediatrics
Pediatric Asthma (formerly Partnering to Ease Asthma Now)
\$165,793 over 15 months

LVHN Department of Development
Go Hog Wild at Nite Lites
\$25,000 for one year

LVHN Department of Family Medicine
Transforming Primary Care: Leadership in Education, Access and Quality (P4)
Two Awards:
\$50,000 for four months
\$915,000 over 22 months

LVHN Organizational Development
Crucial Conversations for Case Managers and Patient Care Specialists
\$30,000 for one year

LVHN Telehealth Services
Expansion of Telehealth Services within the Allentown School District
\$92,000 for one year
Telehealth Evaluation
\$65,000 for one year



TRUSTEES

JOHN P. JONES III
Retired Chairman and CEO
Air Products and Chemicals, Inc.

LAWRENCE P. LEVITT, MD
Senior Consultant in Neurology Emeritus
Lehigh Valley Health Network

CAROL M. MCCARTHY, PhD, JD
Attorney at Law
Ober, Kaler, Grimes & Shriver

JAMES O. WOOLLISCROFT, MD
Dean of Medical School
University of Michigan Medical School

CORPORATE TRUSTEE
DENISE M. GARGAN, CIMA, MBA
Vice President
PNC Bank, NA



TRUSTEES



STAFF

POOL TRUST STAFF

EDWARD F. MEEHAN, MPH
Executive Director

RONALD C. DENDAS, MS
Program Officer

JOSEPH J. NAPOLITANO, PhD, MPH, RN, CRNP
Program Officer

BRIDGET I. RASSLER
Administrative Manager

REGINA M. MARKS
Program Secretary

BRENDA C. SCHOENBERGER
Secretary/Receptionist

THE DOROTHY RIDER POOL HEALTH CARE TRUST

“During my lifetime I have had an intense interest concerning health care for my fellowman. This interest was first expressed as an active trustee of the Allentown Hospital Association and more recently, as a founder, director, and president of the Allentown and Sacred Heart Hospital Center, Inc. Because of this interest, upon my death, I wish to have the residue of my estate used for the continued provision of health care to the citizens of the Lehigh Valley and others served by the Allentown and Sacred Heart Hospital Center (now Lehigh Valley Health Network).”

Leonard Parker Pool

The Dorothy Rider Pool Health Care Trust came into being upon the death of Leonard Parker Pool on December 27, 1975. Mr. Pool amassed a financial fortune as founder and long-time chief executive of Air Products and Chemicals, Inc. He directed that the Trust be named as a memorial for his first wife, Dorothy Rider Pool, who died of cancer in 1967.



The mission of The Dorothy Rider Pool Health Care Trust is to serve as a resource that enables Lehigh Valley Hospital to be a superior regional hospital and improve the health of the citizens of the region it serves.

While the Trust welcomes all proposals supportive of its mission, areas of program support include:

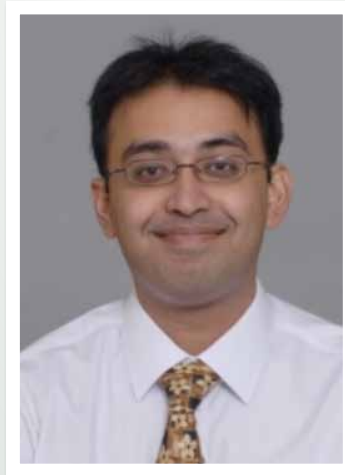
- Recruitment and retention of outstanding health-care providers
- Clinical innovation
- Community health
- Health services research
- Medical education
- Access to care

The Trust operates as a public charitable (support) trust. Led by a small and dedicated staff, the Trust, with the assistance of local, regional and national advisors, addresses the needs of the citizens of the Lehigh Valley and supports programs to meet those needs.

THE PAUL BOSANAC RESEARCH AND PUBLICATION AWARD

The Bosanac Award is supported by the Pool Trust to encourage and recognize residents at Lehigh Valley Health Network who engage in scientific investigation and research. The award is dedicated to the memory of the late Paul Bosanac, MD, who was Chief of the Renal Section of Surgery at The Allentown Hospital-Lehigh Valley Hospital Center. Bosanac was also instrumental in establishing the Research and Publication support Service at Lehigh Valley Hospital Center (now Lehigh Valley Health Network).

The 2010 Bosanac Award was presented to Muneeruddin Q. Mohammed, MD, a PGY3 Internal Medicine Resident, as the principal author of the paper titled “Demographic determinants and effect of pre-operative angiotensin converting enzyme inhibitors and angiotensin receptor blockers on the occurrence of atrial fibrillation after CABG surgery.”



MUNEERUDDIN Q. MOHAMMED, MD

Photo courtesy Lehigh Valley Health Network

ADVISORS TO THE TRUST

MICHAEL J. BILTON

Executive Director

Association for Community Health Improvement

EISNERAMPER LLP (formerly known as Amper, Politziner & Mattia, LLP)

Certified Public Accountants

JOYCE ESSIEN, MD, MBA

Senior Medical Advisor

Research and Outcomes Branch

Office of State, Tribal, Local and Territorial Support

Centers for Disease Control and Prevention

CHRISTOPHER H. GADSDEN, ESQUIRE

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LEON C. HOLT, JR.

Former Vice Chairman

Air Products and Chemicals, Inc.

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Meehan Consulting Associates

MARY D. NAYLOR, PhD, FAAN, RN

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University of Pennsylvania School of Nursing

THOMAS L. SCHWENK, MD

Professor and Chair, Department of Family Medicine

University of Michigan Health System

BETSEY TILSON, MD, MPH, FACPM

Medical Director

Community Care of Wake and Johnston Counties

MARNI VLIET

Marni Vliet Strategy

CASEY B. WHITE, PhD

Assistant Dean for Medical Education

University of Michigan Medical School

POOL TRUST RESPONSIVE GRANTMAKING PROCESS

LETTER OF INTENT (LOI) PROCESS:

- An LOI should be a succinct (five pages or less) description of your program, and should address the questions listed below.
- The Pool Trust will accept LOIs at any time.
- The Pool Trustees may act on any LOI at any Trust meeting.
- They will typically make decisions regarding LOIs during two cycles:
 - Spring (April-May): LOIs submitted on or before March 1.
 - Fall (September-October): LOIs submitted on or before August 1.

DEVELOPMENT/APPROVAL OF PROPOSAL:

- LOIs that are of interest to the Trustees will be invited for a full proposal. Proposals will provide greater detail of the questions addressed in the LOI.
- The joint (Pool Trust/applicant) effort at proposal development (including outside review for major proposals) will be completed as soon as possible.
- Decisions will be made on proposals at any Trust meeting when a proposal is ready for action.
- For relatively small grants, the Trust's decision may be made on the basis of a well-developed LOI.

PRIORITY AREAS

LOIs/Proposals should fit into one of the Pool Trust/Lehigh Valley Hospital agreed-upon priority areas:

- Recruitment and Retention
- Medical Education
- Clinical Innovation
- Community Health
- Access to Care
- Health Studies

All LOIs/Proposals should answer the following questions:

Purpose:

What is the specific idea or purpose behind the request?

- Provide a brief (less than one page) summary of the purpose of the request, including an itemized list of concrete measurable goals or expected outcomes.
- Describe how the idea matches with one of the above identified priority areas.

Method:

How will you achieve your purpose?

- Describe the specific outcome indicators or measurable deliverables that will be a direct result from this proposed program.
- Provide a work plan, including a time schedule and who will be responsible for accomplishing the objectives.

Leadership:

Who is the individual that will lead this initiative?

Who will work on the program?

- List the qualifications, credentials or experience of each responsible person relative to each objective.



Measurement:

How will you know if you are on target to meet/have met your goals?

- Describe the method of evaluating progress and effectiveness.

Budget:

How much will this cost?

- Attach a fully defined budget that includes total project costs.
- Include a list detailing all (committed and projected) sources of financial support.

Sustainability:

If this is not a contained study, how will the program activity be continued after Pool Trust funding ceases?



2010 GRANT HIGHLIGHTS

Lehigh Valley Health Network – Division of Education

RESIDENT EDUCATION

Lehigh Valley Health Network (LVHN) is an accredited member of the Nation's Council of Teaching Hospitals of the Association of American Medical Colleges and has a long history of providing high-quality education programs to developing healthcare professionals. Graduate medical education has been a valued tradition for more than a half-century at LVHN. LVHN trains over 200 residents in 18 ACGME, AOA, and ADA accredited residency, specialty and fellowship programs with over 400 physician faculty.

LVHN has resident programs in dental medicine, emergency medicine, family medicine, general surgery, internal medicine, obstetrics and gynecology, osteopathic internship and transition year. LVHN has special and fellowship programs in cardiology, colon and rectal surgery, hematology and oncology, surgical critical care, plastic surgery, and pulmonary critical care.

BRIDGING THE GAPS

Lehigh Valley Health Network's Bridging the Gaps Health Internship Program matches health professions students from local colleges with community sites in Allentown. Interdisciplinary pairs of students contribute to the health of our community by providing free community health service. At the same time, students learn about current issues in community health and gain invaluable experience working in interdisciplinary teams.

FACULTY DEVELOPMENT

The Division of Education sponsors and delivers network-wide interprofessional workshops for all clinical educators including physicians, nurses, and physician assistants. A workshop series, called The Teaching Leader, has been designed to assess and build LVHN's capacity and capabilities for teaching and outcomes-based education. Workshops are attended by over 400 faculty members annually in such topics as learning theory, narrative medicine, ethics and professionalism, simulation, systems, feedback, assessment and teaching at the bedside.



YOUTH PROGRAMS

Youth Education Programs have served over 2,500 students. The targeted audience is primarily high-school and undergraduate students. Each youth program shares the common goal of increasing the exposure of young people to potential careers in health care. LVHN offers a Research Scholars Program for undergraduates in a variety of clinical and non-clinical settings. The Emerging Health Professionals program is a dual enrollment program combining college-level science courses, honors health curricula, and observations in a health-care setting. The Health Care Career Discovery program offers middle- and high-school students, college students, parents and community members the opportunity to engage in classroom learning and observation in a health care setting.

VIRTUAL WORLDS

The Division of Education at Lehigh Valley Health Network continues to explore innovations that will extend the opportunities for professional development and building of clinical skills. Through the use of three-dimensional computer-generated simulated environments in which physicians, nurses and students use avatar representations to interact, highly engaging clinical scenarios can be explored. Virtual worlds offer a limitless and cost-efficient means of creating what could otherwise be expensive and difficult to do in a classroom or clinical setting. The virtual world also allows clinicians to change roles, not only to understand each other's roles, but gain a deeper understanding of the patient experience.

SIMULATION

The Lehigh Valley Health Network Interdisciplinary Simulation Center (ISC) strives to improve quality of care and patient safety through innovative educational techniques. The Simulation Center provides an environment for individuals and teams of all specialties and disciplines in teamwork, communication, and clinical skills in a safe simulated clinical environment. Through the use of high-fidelity human mannequin simulators and recreation of various clinical settings, physicians, nurses, residents and students engage in intensive training scenarios further building their clinical expertise.

*Lehigh Valley Health Network –
Department of Community Health
and Health Studies*

**SCHOOL-BASED
DENTAL SEALANT STUDY**

Dental sealants are an evidenced-based, preventive approach to reducing the most common childhood disease in the United States, tooth decay. Disparities in oral health care remain evident among children from families with low incomes and children from racial and ethnic minority groups. Poor oral health has a direct effect on general health and quality of life, including a child's ability to learn. The Centers for Disease Control (CDC), with assistance from LVHN's Division of Community Health and Health Studies, is examining the relationship between oral health, student academic performance and attendance.

During the 2008-2009 school year, the Dental Sealant Study found that only 18 percent and 22 percent of second-grade students in the Allentown and Easton Area School Districts (respectively) had one or more dental sealants, compared with the national objective of 50 percent. During the first two years of the Dental Sealant Study, 2,122 second grade students participated in the program and 1,562 received dental sealants. More than 800 children were referred for further care with the assistance of school district dental hygienists and nurses. The quality of care measured by sealant retention rates exceeded expectations, a significant positive outcome credited to the program's highly experienced and compassionate clinical staff. Additionally, a 40-minute oral health education program was provided to all second-grade students in both school districts.

We look forward to another two years of improving the oral health and positively impacting the lives of thousands of students.



PEDIATRIC ASTHMA PROGRAM

Lehigh Valley Health Network's Division of Community Health and Health Studies and Department of Pediatrics were awarded a grant that supports Phase I of a multilevel intervention designed to improve the control of pediatric asthma among children aged 5-11 years living in center city Allentown. The intervention includes clinical and community components that are tightly woven together and built upon the four pillars of a patient-centered medical home. The four pillars that establish a primary care practice as a patient-centered medical home are "personal, access, comprehensive, coordinated". The pediatric asthma program will develop and test strategies that enable a children's medical clinic to provide care that is personal, accessible, comprehensive, and well-coordinated with specialty care and community services. These strategies will involve the establishment of a team comprised of clinic providers, an asthma navigator based in the clinic, and a community health worker based in the community. Phase 1 of the program is comprised of infrastructure development, training, patient/parent educational material refinement and testing, baseline data collection, and program implementation.



*Lehigh Valley Health Network –
Department of Family Medicine
and Telehealth Services*

**PREPARING THE PERSONAL
PHYSICIAN FOR PRACTICE (P4)**

In 2010, Pool Trust made its final two-year commitment to the Lehigh Valley Health Network's five-year Primary Care Residency Education Initiative called Preparing the Personal Physician for Practice (P4). P4 is a national residency education initiative involving 14 residency programs across the United States, including LVHN's Department of Family Medicine. Grounded in the assumption that family medicine residencies are a key bridge in the development of physicians and must be environments in which residents can learn to adapt to inevitable changes in life and medicine, P4's purpose is to inspire and examine substantial innovation in the content, structure and location of training of family physicians and guide future revision in accreditation and certification requirements.

P4 innovations focus on teaching residents the core competencies of family medicine through a curriculum that blends traditional learning with active patient care. Residents and faculty work collaboratively in community practice settings and facilitate the professional development of graduates deeply grounded in family medicine with strong core knowledge and skills in population health, chronic disease management, office procedures and behavioral and integrative medicine. Residents become leaders with skills in collaboration, information management, critical thinking, life-long learning and self care.

This latest phase of P4 is focused on full implementation and evaluation of the effectiveness of the residency innovations.

With more than \$2 million of Pool Trust funding since 2007 and several unique and successful training and curriculum changes, LVHN's program is considered to be one of the premiere P4 sites in the United States.



**PILOT TELEHEALTHCARE
PROGRAM**

Telehealth services are “the use of electronic information and telecommunications technologies to support long-distance clinical health care, patient and professional health-related education, public health and health administration” (U.S. Department of Health and Human Services, Office for the Advancement of Telehealth).

Dr. Karen S. Angello, former Superintendent of the Allentown School District (ASD) provided the first live test of the pilot telehealthcare program on June 22, 2010. This pilot telehealth program will be serving schoolchildren attending Cleveland, McKinley and Central elementary schools.

The program was made possible through the support of The Dorothy Rider Pool Health Care Trust, which awarded \$175,000 to Lehigh Valley Health Network's (LVHN) Department of Pediatrics in the development of a telehealthcare pilot program in the Allentown School District (ASD). This partnership will immediately increase access to care, decrease “lost” time from work for parents and guardians related to taking children to a health care provider, and improve the management of chronic disease issues in a school-aged population. Joseph A. Tracy, Vice President for Telehealth Services at Lehigh Valley Health Network, commented, “We are excited about the opportunity to provide this service in the Allentown schools. This may be the first school-based telehealth network in the Commonwealth.”

Dr. Jarret R. Patton, MD, Medical Director of the Children's Clinic at LVHN, expressed enthusiasm for the program: “I am thrilled that we will have the opportunity to serve more children in the Allentown School District. This should benefit some children within the district that had no immediate access to health care providers within their school.”