

**SERVING** *at the*  
**CROSSROADS**

**TEN YEARS OF SERVING**



**2014**  
**Annual Report**



## *A Message from the Chairman*



How long does it take for 10 years to pass? Just blink your eyes! It's hardly believable that Serving at the Crossroads has already completed a decade of service in Honduras. Only by re-reading old emails or looking at photos can I see the challenges we addressed, and recognize the multitude of talented people who have helped shape our clinic into the healthcare facility it is today. None of it would have taken shape the way it has without their interest, selflessness and generosity; or without God's continuous guidance and blessings.

In our first decade, we accomplished the objectives as set forth in the strategic plan and our Board of Directors have rededicated themselves to taking the next steps to create sustainability for this "gem" of a clinic in this medically under-served part of Western Honduras. We started with a few rooms and today we have a modern healthcare facility offering an array of services for patients ranging from patient consultations to several types of surgeries. And there is more to come in the days that lie ahead!

Our clinic is operationally established, and through its progressive program offerings, like endodontics, wound care therapy, tele-medicine, out-patient surgeries and ophthalmologic care, has begun to attract the interests of major organizations that can help propel it into a "world-class" center of excellence. We look forward to the opportunities the next 10 years will bring to serve the people of Honduras.

On the pages that follow, you can read about the accomplishments of this past year.

Mike Tysowsky, Ph.D.  
Chairman of the Board

In 2014, Serving at the Crossroads completed a decade of service to the people of La Entrada de Copan, Honduras. We continue to follow our mission of offering top quality dental and medical services to this population, and can count over 90,000 people served. This year, we not only strengthened our original projects and services, but found ourselves able to add new ones. We are very excited about the successes at the Manos Amigas clinic, and look forward to more in 2015.

## **Medical** —10,746 patients

- Surgical brigade from Pennsylvania performed on 48 adults and 13 children in February. The majority of adult cases involved hernia repair, lipoma removal, and cyst removal. Most of the children needed hydrocele repair, and one had a supernumerary finger removed.
- Wound therapy with topical oxygen treatment saved patients from probable amputations.
- Installed a Digital x-ray machine.

## **Dentistry**—3,595 patients

- Clinic dentists performed exams, hygiene, restorations, extractions, and root canals.
- U.S. brigades performed oral surgery, endodontics and restorative dentistry, while providing instruction in these procedures to the clinic dentists.
- Switched x-rays from film to digital format.

## **Eyes** —700 patients

- We began a program of basic optometric services offering eye exams and distribution of glasses donated by the Lions Club.
- We hosted our first brigade of ophthalmologists, who performed a variety of surgeries; the primary being cataract surgery.

**Outreach services** — People are not always aware of our clinic, so in an effort to introduce them to our services, medial teams venture beyond the confines of La Entrada.

- Clinic dentists teach dental hygiene in the schools.
- Dental and medical care is given to the Amigos de Jesus Orphanage.
- The clinic staff provides optometric services to remote villages .
- Visiting brigades travel to remote villages to provide medical care.

**Capital Improvements** — Having occupied our new clinic for four years now, several enhancements were added.

- Transitioned from portable vacuum units to a central vacuum system to serve both the dental suites and the operating room.
- Installed small in-wall air conditioning units in the dental, pharmacy, lab, and patient recovery areas.
- Installed LED lighting which was donated by First Light Project to help manage electrical usage.
- Adjusted and repaired imaging equipment.
- Engaged local artisan's to enhance the children's waiting area and playground.





## MANOS AMIGAS CLINIC OPENED 5-1/2 DAYS PER WEEK

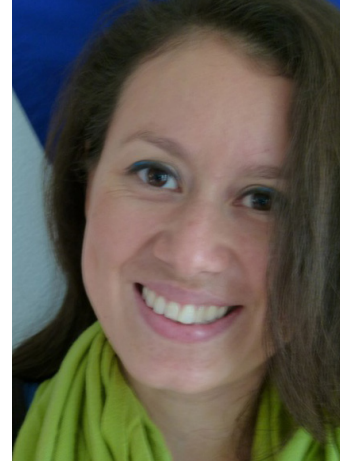
The Manos Amigas clinic was opened Monday through Saturday. Dr. Alex Garcia and Dr. Andrea Pacheco began treating patients at 7:00 am. Many of these people traveled miles on foot or by bus to be seen. The doctors were assisted by nurses Silvia Maldonado and Armelinda “Nelly” Lopez Vasquez. Medications from the onsite pharmacy were dispensed by the pharmacist, Ingris Castro. The Manos Amigas staff, under the leadership of Director Gaby Aguilar has built a reputation in the community for providing high-quality care and treating patients with compassion and respect. Everyday they work to improve the quality of life for those in need.



Dr. Alex Garcia



Dra. Andrea Pacheco



Clinic Director Gaby Aguilar

## CHESTER COUNTY SURGICAL BRIGADE

An 11-member surgical team from hospitals in Pennsylvania returned to the clinic February 1–8 to perform out-patient surgeries. Led by Dr. George Trajtenberg, the team performed 61 surgeries—48 adults, ranging in age from 21 years to 78 years and 13 children, ranging in age from 8 months to 17 years. Some of these patients had waited more than ten years for surgery. Twenty-eight of the cases (46%) involved hernias—inguinal, incisional, and umbilical. The brigade also removed 9 lipomas and 10 cysts. Many of the children presented with hydroceles and one had a supernumerary finger removed.



8-month old born with an extra thumb which was removed during surgery.



Clockwise from lower left; Delores Stanczuk, RN; Jewel Campbell, RN; Adriana Trajtenberg, George Trajtenberg, MD; Michele Stover, RN; Dana Marino, CRNA; Kirby Tirk, MD; Lisa Knox, RN; Frank Scavetta, PA; Angela Evans, Surgical Tech; and Jennifer Smith, RN

## WOUND THERAPY AND TOPICAL OXYGEN TREATMENT

Dr. Alex Garcia, the head physician at Manos Amigas, has been using a relatively new treatment called topical oxygen therapy to heal severe wounds. This involves covering a wound with a plastic boot through which oxygen flows. The oxygen is able to penetrate the surface of the wound down to a depth of 2 millimeters (1/8”). Over a number of weeks, this treatment heals wounds that have been open and infected for years. In some cases, previous doctors had recommended amputation of the limb. GWR Medical has provided the oxygen boots for Manos Amigas



A patient sits during topical oxygen therapy treatment.



## SUMMIT IN HONDURAS BRIGADE

With the Manos Amigas clinic as home base, Colorado-based Summit in Honduras brigade was able to reach distant villages to conduct physical exams, dispense medications, and attend to “routine” cases. They brought specialists in pediatrics, internal medicine, and OBGYN. Patients needing more critical attention or special tests were transported or referred to the Manos Amigas clinic for more in-depth evaluation. These types of affiliations allow the clinic to extend its reach beyond our campus in La Entrada to those who otherwise could not have accessed our healthcare center. It also serves as an opportunity to continue our relationship and training with health guardians who look after sick patients in villages.

### Medical Care

**10,746**  
Patients

**4%**  
Increase over 2013

**2**  
Full-time Physicians

**2**  
Full-time Nurses

**1**  
Full-time Pharmacist

**1**  
Surgical Brigade

**1**  
Medical Brigade





## Dental Services

# 3,595

Patients

# 30%

Increase over 2013

# 2

Full-time Dentists

# 2

Dental Students

# 1

Full-time Assistant

# 1

Dental Brigade

## MANOS AMIGAS DENTISTS TREAT 30% MORE PATIENTS

In 2014, the Manos Amigas dentists, Dra. Mercy Sanabria and Dr. Leonardo Posas along with the two dental students, saw 3,595 patients, nearly a 30% increase over 2013. Typical practice in Honduras is to extract teeth when there is a problem. Endodontist and Serving at the Crossroads board member, Dr. Robert Krauss, has taught the dentists at the clinic how to perform root canals to save teeth. The Manos Amigas dentists in turn are teaching the dental students. The word is spreading among dental students that you can learn advanced skills and have access to advanced equipment if you do your community service at the Manos Amigas clinic.



Dr. Leonardo Posas



Dra. Mercy Sanabria (center) with dental students, Sheril Diaz (left) and Wendy Valle (right)

## ORAL SURGERY BRIGADE FROM WEST CHESTER, PA RETURNS

The dental team from West Chester, PA, led by oral surgeon Dr. James Gustainis, once again visited the clinic for a week in October. They performed 130 extractions and 8 root canals. Endodontist Dr. Robert Krauss provided additional instruction in oral surgery, endodontics, and restorative dentistry for the staff dentists.



Front Row l-r: Lois Davidson, Sheril Diaz, Melvin Fuentes, Dra. Mercy Sanabria; 2nd Row l-r: Isabella Nagy, Karlyn Zeron, Dr. James Gustainis, Dr. Robert Sumner, Dr. Robert Krauss, Bobbi Hess, Ihency Mejia; Back Row l-r: Dr. Thomas Murphy, Gary O'Rourke, Dr. Peter Thompson, Dr. Leonardo Posas



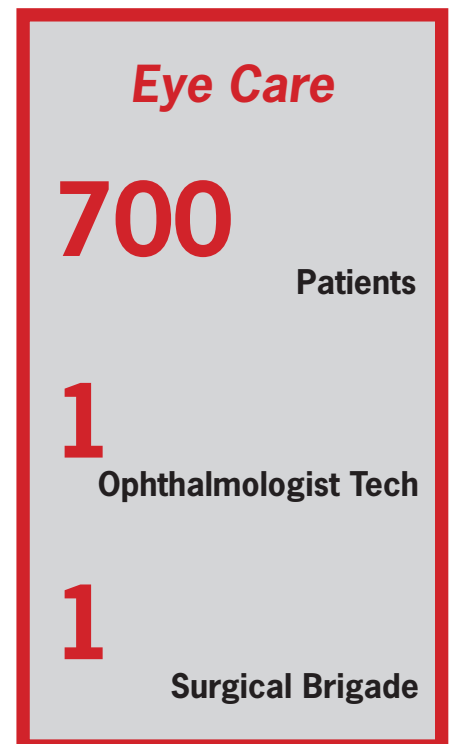
Ophthalmologist Technician, Karen Murillo  
preparing to fit a patient with glasses

## FIRST FULL YEAR OF EYE SERVICES

In its first full year of providing optometric service, Manos Amigas attended to nearly 700 patients—54% were adult women, 34% men and 12% children. Eyeglasses donated by the Lions Club filled a kiosk with frames and sunglasses for those in the community. Karen Murillo, the Manos Amigas Ophthalmologist Technician performed eye exams for diagnosing vision impairment and fitted mono and bi-focal lenses. We also offer progressive or transitional lenses, and up-scale frames for those with the means to afford them. There are only 82 ophthalmologists for all of the people in Honduras. Therefore, eye care is an area of great need and a service that Serving at the Crossroads is looking to expand.

## FIRST EYE SURGERY BRIGADE

In June, Manos Amigas hosted its first brigade of ophthalmologists who performed eye surgeries with support from the eye hospital in El Progreso, a town 3½ hours away in northern Honduras. Out of a list of 130 candidates, 46 were selected for surgery. The surgical eye team encountered very dense cataracts and severe cases of Pterygium (Surfers' Eye). Pterygium is attributable to intense sunlight as most of these patients labor in the fields and have no access or means to purchase sunglasses. Many patients were also diabetic. Several of them had multiple surgeries on one eye the same day while others had cataract surgery on day one, returning two days later for the procedure on the other eye.





## Clinic Improvements

### DIGITAL RADIOLOGY IN BOTH THE MEDICAL AND DENTAL WINGS

Dr. Peter Dross, a radiologist from Christiana Hospital and biomedical electronic technician Tom Drake with some assistance from Peter's wife Janet, installed the digital X-ray machine and took the first image on a man's neck. These images can now be stored electronically as part of the patient's record or transmitted to other institutions if needed.

Dr. Dross published an article describing the medical imaging services at the clinic in the prestigious American College of Radiology Journal (JACR), a medical publication with national and international readership.



Radiologist Dr. Peter Dross (left) and biomedical electronic technician Tom Drake (right) look at the first digital image of a patient at the clinic.



Dr. Peter Thompson takes the first digital image of a dental patient.

In October 2014 the clinic switched from x-ray film to using a digital x-ray system. This represents both a time and cost savings to the clinic because dentists can now take more routine and diagnostic x-rays without waiting for the film to develop or paying for film and developer solutions. At the push of a button digital pictures pop up on a monitor and problems can be identified immediately; images are stored electronically and can be easily recalled during future appointment visits.

### LED LIGHTING

Electricity is expensive in Honduras. Bills have been running in excess of \$8,000 per year. Thanks to a donation by First Light Project, new LED lighting and ballasts were installed in every light fixture throughout the clinic. If we had to purchase these lights, the bill would have been more than \$30,000. During the first three months after installation, the clinic was already seeing a savings in their electrical bill.



Lois Davidson of First Light Project installs the new LED lighting and ballasts.



## CHILDRENS' WAITING AND PLAY AREAS

Local artisans completed work on a children's area in reception where they can color, play with Legos, play-dough and read Spanish language books. This colorful area, outfitted with small chairs and tables contains whimsical animal characters and thematic forestry areas painted on the walls. The words above the windows translate as "The smile of a child is the purity of God." This area was made possible by a donation from Summit in Honduras.



Similarly, the outdoor play area contains retro-fitted stone ensconced swings in the archaeological form of a Mayan Temple to create "fun-filled" areas for children while at the clinic. Alex Gadson built and installed the swings in 2013 as his Eagle Scout leadership project. A donation from the Naehar Memorial Fund at Fairfax Presbyterian Church in Fairfax, VA allowed us to complete the project this year.

## OTHER IMPROVEMENTS

### Central Vacuum System

Instead of relying on small portable units for surgeries and retrofitted pumps for the dental areas, we purchased a new evacuation system of pumps and installed central vacuum lines to service both the dental wing and the operating room.

### Air Conditioning

We purchased and installed room-size air conditioning units in the dental, pharmacy, analytical chemistry lab and post-surgical patient recovery areas. Not only do these units allow greater comfort and flexibility to cool specific areas only when in use, but they result in more efficient use of electricity in that we are not cooling the entire building.



## TAKING SERVICES INTO THE COMMUNITY

People are not always aware of our clinic, so in a effort to introduce them to our services and to learn what is available, medical teams venture beyond the confines of La Entrada. If people in need can't or won't come to the clinic, then the clinic goes to them. Sometimes it's simply a matter of villagers not wanting to venture too far from home, other times they may be reluctant to walk through unfamiliar communities to reach us, so we take away that obstacle and go to them with programs and visitations by medical teams.

### Tooth Decay Prevention

The dental staff makes visits to schools, presents programs, distributes toothbrushes and toothpaste and encourages families to practice preventative measures to ward off tooth decay. Such educational visits brings families to the clinic where restorative care is offered.



*Dr. Leonardo Posas teaches children at a local school how to properly brush their teeth.*

### Friends of Jesus (Amigos de Jesus) Orphanage

In addition to the emergency and restorative dental care currently provided to the children of Amigos de Jesus, the clinic is attempting to institute routine periodic exams, diagnostic x-rays, preventative care including fluoride applications and pit and fissure sealants of all permanent molars that are not decayed. This effort is challenging because the orphanage is a 45-minute vehicle ride away from the clinic and in an area that is not always accessible—especially during rainy season when flooded roadways make travel difficult.

### Optometry

In February, the optometric services unit at the clinic partnered with Vision Honduras to visit villages and attend to people with vision problems; some of them had cataracts and were referred to our clinic for surgery. During these visitations, eye exams were offered and glasses were given to those in need.

# *A Decade of Accomplishments*

## **MANOS AMIGAS CLINIC OVER THE YEARS**

- 2004** Clinic in a store front offering only episodic care.
- 2005** The temporary clinic has to relocate. Mayor Marcio Pinto agrees to put a door in and increases the size by annexing part of the building next door. SATC reconstructs space to accommodate clinic use.
- Manos Amigas Board looks at five different properties and selects the site for the permanent clinic.
- 2006** Land acquired.
- 2007** Environmental site plan approved. A fresh water well is dug and is 200 feet deep and produces 60 gal. /min.
- 2008** Working with a major engineering and design firm in Honduras, a master plan is laid out with Fundacion Manos Amigas to turn the land purchased for them into a medical campus. The design for the first building, a new clinic, is completed and construction bids are solicited from five local contractors.
- 2009** SATC signs an agreement of understanding with Tech-Serve International to build the Manos Amigas Clinic. Earth moving and shaping starts in November. The entrance and roads are carved out and a gravel base laid, and the clinic building concrete pad completed. Trusses and panels are ordered and shipped to the site. By the end of the year, the septic system is installed, plumbing roughed in, and a terrazzo floor is laid.
- 2010** Volunteer workers begin erecting steel in January. The building is completed by March 1st at a material cost of under \$450,000. After setting up and equipping the building, the facility is dedicated in late July. Two weeks later, the clinic is open for patients. Equipment acquisitions: Room air conditioning units, additional instrument sterilizer units, and on-site distilled water units.
- 2011** General settling into the clinic. Equipment acquisitions. More sophisticated brigades are able to visit and expand clinic services. Brought 3-year old girl to the U.S. for brain surgery.
- 2012** An on-site, two-bedroom home for the security guard and his family, and the first module (a swing set) for the playground is constructed. Equipment acquisitions: a larger electrical generator, air-conditioners for one of the surgical suites and the patient recovery area, an anesthesia machine, mobile surgical lighting, and an oxygen concentrator for wound care.
- 2013** Operating room is established with proper equipment and lighting. An eye clinic and a wound care center are opened.
- 2014** Enhancement of children's waiting area and playground. Existing lighting is changed to LED lighting. Portable vacuum units are replaced with a central vacuum system. Small in-wall air conditioning units are installed in the dental, pharmacy, lab, and patient recovery areas.





# Financial Statements

## Statement of Financial Position December 31, 2014

### ASSETS

#### Current Assets

Cash and Cash Equivalents	\$274,982
Contribution Receivable	30,000
Inventory - Medical Supplies and Equipment	--
Prepaid Expenses	--
<b>Total Current Assets</b>	<b>\$304,982</b>

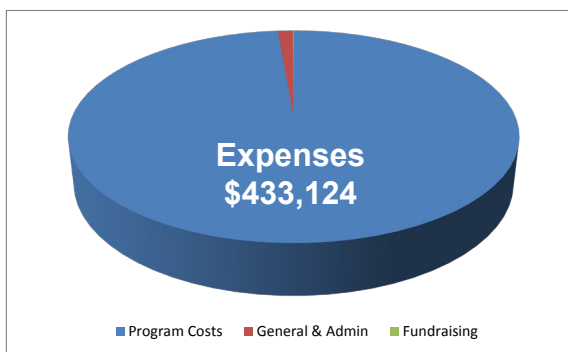
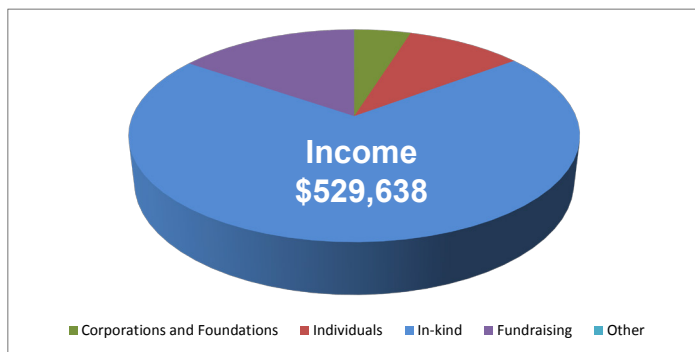
### NET ASSETS AND LIABILITIES

#### Current Liabilities

Accrued Expenses	1,558
<b>Total Current Liabilities</b>	<b>1,558</b>

#### Net Assets

Unrestricted	303,173
Temporarily Restricted	--
Permanently Restricted	251
<b>Total Net Assets</b>	<b>303,424</b>
<b>Total Net Assets and Liabilities</b>	<b>304,982</b>



## Statement of Activities For the Year Ended December 31, 2014

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>SUPPORT, REVENUES AND RECLASSIFICATIONS</b>				
Contributions	\$ 25,714	\$ --	\$ --	\$ 25,714
Corporations and foundations	52,639	--	--	52,639
Individuals	369,681	--	--	369,681
In-kind				
Coffee Sale Income (net expenses of \$460)	880	--	--	880
Fundraising events (net of expenses of \$10,827)	80,664	--	--	80,664
Net assets released from restrictions	--	--	--	--
Satisfaction of time requirement and program restrictions				
	529,578			529,578
Other Income	60	--	--	60
Interest and dividend income				
	60	--	--	60
<b>TOTAL SUPPORT, REVENUES AND RECLASSIFICATIONS</b>	<b>529,638</b>			<b>529,638</b>
<b>EXPENSES</b>				
Program Costs	427,261	--	--	427,261
General and administrative	5,539	--	--	5,539
Fundraising Costs	324	--	--	324
	433,124	--	--	433,124
<b>CHANGE IN NET ASSETS</b>	<b>96,514</b>	<b>--</b>	<b>--</b>	<b>96,514</b>
<b>NET ASSETS AT BEGINNING OF YEAR</b>	<b>206,659</b>	<b>--</b>	<b>251</b>	<b>206,910</b>
<b>NET ASSETS AT END OF YEAR</b>	<b>\$ 303,173</b>	<b>--</b>	<b>\$ 251</b>	<b>\$ 303,424</b>



## Individuals

Hunt & Diane Allard  
Vasu & Hima Arramraju  
Kenneth & Gloria Ballinger  
Peter Bellmio  
Randall & Cathy Benn  
Robert & Susan Bertollette  
Jonathan & Mary Bonds  
Bruce & Kathleen Book  
Jay & Marie Brenneman  
Lucille Brookshire  
Jewel Campbell  
Ronald & Sheila Champagne  
Alan Clark  
Robert & Darlene Clarke  
Lynnore & Earle Compton  
Charlotte Cornett  
Henry & Deborah Cox  
Judith & Frances Curtin  
Victoria Kaplan & Peter Dachowski  
Crit & Mary Dement  
Carolyn Deming  
Mary Denadai  
Leonard Eads  
Jay & Judith Eberhardt  
N Dean & Jacqueline Evans  
Karen Fletcher  
Barbara Forslund  
Alison Bober & Doug Gardner  
Kevin & Julia Gates  
Paul & Martha Hammond  
Walter & Grace Hannemann  
Connor & Donna Harrison  
Twonette Hawkins  
Richard & Carol Heald  
Doug & Bobbi Hess  
Gary & Ellen Hineman

Frances & Lynda Horvath  
Gary Huddell  
Jocelyn Hunn  
James & Leah Johnson  
Marlece Karamitsos  
Jean Kepler  
Bradley & Jodie King  
Cynthia Knisley  
Richard Szumel & Sophia Kotliar  
Paul Larson  
James & Frances Lees  
Grace Lincoln  
Craig Lundas  
Donald Lundberg & Jane Burrus  
Theodore & Willa Lutz  
Christopher Lutz  
Albert & Frances Marcus  
Karen Matt  
John & Jennifer McGrail  
Gerard McShane  
Steven & Marsha Meek  
Stephen & Kathleen Miller  
Bob & Marian Miller  
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Ronald & Ann Nagle  
Phillip Neel & Luann Moy  
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Vesta Pearigen  
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Henry & Kathryn Price  
Everett Randall



Robert & Joan Ranieri  
Robert Reitz & Rhoda McNitt  
John & Eileen Reynolds  
Joan Robertson  
Richard & Ruth Ross  
Barbara Sandstedt  
Robert & Barbara Schaal  
M J Schlomann  
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Sara Shapiro  
Barbara Sivek  
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David & Patricia Stoltzfus  
Ted & Sherryl Strand  
Virginia Sumner  
Robert & Pauline Sumner  
Edith Sumner  
R A Sumner  
Heather Thomas  
Peter & Judith Thompson  
Jon & Joyce Thompson  
George & Adriana Trajtenberg  
Michael Tysowsky  
Kathryn Vandenberg  
Kathryn Varnell  
Louis & Yvonne Vontver  
Samuel & Mary Ann Wagner  
Nancy Weaver  
Joyce Weigel  
Nancy West  
William & Dorene Winters  
Robert & Louisa Young

## Organizations

Covenant Presbyterian Church, Malvern, PA  
Dickey Charitable Lead Trust  
Fairfax Presbyterian Church  
First Dental of West Chester  
Lancaster General Hospital  
Mercedes-Benz of west Chester  
New Harmony Presbyterian Church, Brogue, PA  
Riddle Village  
Rotary Club of West Chester  
Trinity Presbyterian Church, Arlington, VA  
UBS Financial Services  
US Charitable Gift Trust  
Vanguard Charitable  
Westminster Presbyterian Church  
Westminster Presbyterian Church - Endowment

## 2014 Gala Sponsors

Barclay Card  
AMPRO Sports, Inc.  
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Morgan Stanley—Kearon Tadeo Tanzola  
Baccellieri Family Dentistry  
Lexington, Ltd.  
Mallo-Blatcher Counselors at Law  
Oppenheimer—Patrick McFadden  
Riddle Village  
West Pharmaceuticals  
First Dental of West Chester

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