

IV med

2017 Annual Report

# Dear Friends,

Making connections. That is what IVUmed does. It is also what your support of IVUmed accomplishes.

Each year, hundreds of people reach out to IVUmed. Doctors in low-resource settings in Africa, Asia, and Latin America ask us for specialized training in various sub-fields of urology. They seek to enhance the skills they need to better serve their communities.

At the same time, hundreds of skilled doctors and nurses in the United States, Canada, Europe, and elsewhere approach IVUmed for volunteer opportunities. They are leaders in their fields, and they want to give back by sharing the skills they have worked so many years to acquire.

So we connect them. Each year, our volunteers spend thousands of hours teaching their host colleagues all over the world.

You make this possible. By donating your time and funds to support our programs, you help us make the connections that benefit thousands of people in need of life-changing surgical care. Thanks to you, we are building a global network of healthcare service and education that will live on for generations.

Thank you for helping us Teach One, Reach Many.

# With Gratitude,



1ht Milan



# **Teach One, Reach Many**

#### **Our Mission**

IVUmed is committed to making quality urological care available to people worldwide. In fulfilling this mission, IVUmed provides medical and surgical education to physicians and nurses and treatment to thousands of children and adults.

#### Our Work

For over 20 years, IVUmed has been sending highly-skilled surgical teams to train doctors and nurses in Africa, Asia, and Latin America. We work with our host colleagues to increase local access to quality surgical care. Our teams begin by demonstrating and teaching surgical techniques while treating patients in need. Then, as the local physicians gain experience and expertise, they begin serving patients directly and teaching the techniques to their peers. IVUmed volunteers return often, over a number of years, teaching more and more advanced procedures as the local physicians' skills mature. The cycle continues until each host country has a pool of skilled talent with the ability to care for most patients on their own.

#### The Need

Five billion people lack access to basic surgical care. Specialized care like urology is even harder to find. The United Nations cites lack of healthcare as a root cause of extreme poverty. Debilitating health conditions drain family resources. They prevent many throughout the world from earning a living. A child unable to attend school. A breadwinner unable to work. Family members obliged to stop working or attending school to care for a relative. These scenarios contribute to long-term poverty. Millions of people worldwide await expert care to help rebuild their lives. The answer to the shortage of surgical care is hands-on training of local personnel.

# **Year in Review 2017**



# **Financial Summary**

#### STATEMENT OF FINANCIAL POSITION

As of March 31, 2017

#### **ASSETS**

Temporarily restricted  TOTAL NET ASSETS	\$ 44,830 \$463,240
	\$ 44,830
Uniestricted	
Unrestricted	\$418,410
NET ASSETS	
TOTAL LIABILITIES	\$ 0
TOTAL ASSETS	\$463,240
Other Assets - Investments	\$293,686
(less accumulated depreciation of \$369,115)	\$ 16,196
Medical, office equipment, and furniture	
Fixed Assets	
TOTAL CURRENT ASSETS	\$153,358
Inventory for use	\$107,553
Cash and cash equivalents	\$ 45,805
Current Assets	

"We were working with an end-goal in mind. The Haitians we cared for were truly grateful for the care, and the surgeons we trained were really grateful. Meeting a Haitian surgeon who has been coming to the programs for several years, and seeing the progress and skill level he has achieved from these weeks spent with the IVUmed teams really brought it full-circle. Teaching surgeons is the goal, and seeing his success means that IVUmed has been a success."

#### STATEMENT OF ACTIVITIES

For the Year Ended March 31, 2017

#### SUPPORT AND REVENUE

Contributions	\$ 367,890
In-kind donations	\$ 56,322
Volunteer services	\$ 839,185
Benefit income	\$ 142,086
Interest income	\$ 4,059
Net Assets released from restricted	\$ (23,827)

# **TOTAL SUPPORT & REVENUE** \$1,385,715

#### **EXPENSES**

Program services	\$1	,152,694
General and administrative	\$	156,018
Development	\$	764176

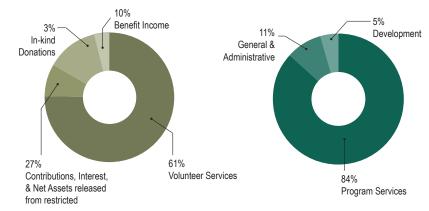
### TOTAL EXPENSES

Change in net assets	\$ 12,827
Net assets, beginning of period	\$ 450,413
Net assets, end of period	\$ 463 240

### **SUPPORT AND REVENUE**

## **EXPENSES**

\$1,372,888





Building capacity for sustainable surgical care since 1995.

12,210

PATIENTS SERVED DIRECTLY DURING WORKSHOPS

PROVIDERS TRAINED TO HELP MORE PATIENTS IN NEED

3750

\$46.3

MILLIONS OF DOLLARS OF CARE PROVIDED

# What We Do

#### **PEDIATRIC UROLOGY**

Emmanuel is eight-years old and loves soccer. Every day, he would go to the makeshift soccer field in his village in rural Ghana; but instead of playing, Emmanuel could only watch. He was born with a birth defect causing his bladder to protrude through his abdominal wall. Without surgical care, he was forced to wear a diaper. He was always at risk of infection. His skin was raw from the urine leaking onto his belly. Emmanuel was fortunate to have parents who stood by him when others avoided him. When asked what they wanted for their little boy, they had a simple answer: "We want him to be able to play soccer with his friends." IVUmed's volunteer surgeons repaired Emmanuel's birth defect while training local surgeons in Kumasi, Ghana. Now Emmanuel can attend school and play soccer with his friends every day.

There are thousands of children like Emmanuel. Urological birth defects are some of the most common and debilitating conditions worldwide. But few doctors in low-resource areas of the world are training to repair them. IVUmed strives to make access to quality surgical care available to these children regardless of where they live.

"The surgeons went from having no lap nephrectomy skills to performing four at the end of the week without me scrubbing into the case. They subsequently sent me an e-mail the following week letting me know that they successfully performed a nephrectomy in under two hours which is great! I felt like I've made a real difference to urologic care in Trinidad in a very short time frame."

– George Martin, MD – Urologist – Trinidad

### **FEMALE UROLOGY**

Aisha's excitement about becoming a mother and greeting her first child turned into a nightmare. When she went into labor, the pain wouldn't stop, and the baby wouldn't come. After days of excruciating labor, she was finally taken to a faroff hospital, where she learned that her baby was dead. Aisha soon also found that the ordeal had left her body broken. The baby's head had pressed on her pelvic floor and crushed the tissue, creating a fistula between her bladder and vagina. She leaked urine constantly. To make matters worse, her family would not associate with her. Not only did she smell, she was now viewed with disappointment, judgement. First, she lost her baby; then she lost her health and her community.

Only about 2% of the one million women currently suffering from the heartbreaking but treatable condition called vesico-vaginal fistula (VVF) receive the surgical care they need. We work with doctors and nurses in Africa, Haiti, and elsewhere to train medical personnel and help women suffering from VVF and other forms of incontinence.



### RECONSTRUCTIVE UROLOGY

One accident made Bastian's life stand still. He was sixteen when a bus hit him near his school in Rwanda. His pelvis was crushed, damaging his bladder and urethra. Ever since, he has had a tube that drains his bladder running from his abdomen to a plastic bag, a bag that follows him everywhere. That was ten years ago. He hasn't been able to find work or start a family – until now. Our experts repaired his injuries. At the same time, they trained surgeons from three African countries who will serve their own communities. This means patients like Bastian will not have to wait years for the care they need.

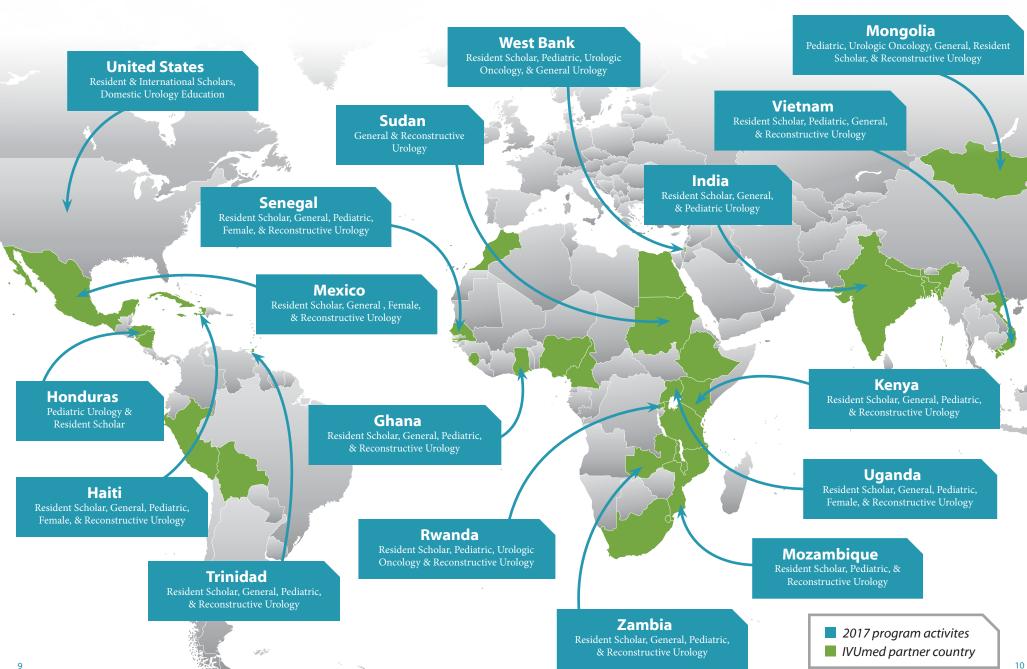
#### **GENERAL UROLOGY**

Urological conditions are common, but due to their private nature, the global need for urological care is often overlooked. IVUmed works with doctors and nurses throughout the world to build provider skills and availability of care. Through our general urology program, we provide training in cystoscopy, TURP, management of stone disease, and other common conditions.

"IVUmed trips are a breath of fresh air, reminding me why I became a surgeon and allowing me the fulfillment of truly helping both patients and colleagues. They are invaluable experiences for me, especially as young staff. Thank you for the opportunity to participate!"

- Christina Ching, MD - Pediatric Urologist - Ghana





### **UROLOGIC ONCOLOGY**

Urological cancers comprise 25% of all cancers worldwide. Yet there are few doctors trained in urologic oncology in low-resource areas of the world. IVUmed connects experts in urologic oncology with training programs in Africa, Asia, and Latin America to help increase access to care.

## **TECHNOLOGY**

What makes IVUmed unique? Part of the answer lies in the community we build. Our volunteer experts go beyond providing intensive hands-on training to their hosts in Africa, Asia, and Latin America. They also serve as mentors to help them build lasting programs and innovative careers.

We use technology to reach even more people. Interactive telehealth lectures, virtual grand rounds, online training materials, and distance consultations complement our on-site training. Technology plays an important role in measuring the impact of our programs. IVUmed's telehealth program also benefits rural primary care providers in the United States, with consultation and Continuing Medical Education (CME) instruction in urology.

Only 3.5% of surgical procedures are performed in the poorest one-third of the world. IVUmed is changing this by training more surgeons where they are needed most.

IVUmed's workshop-based training model gives volunteers a safe and effective way to mentor, teach, and return to the grassroots of medicine.





# 2016 - 2017 IVUmed Resident Scholars

SCHOLAR	SCHOOL	SPONSOR	SITE	MENTOR
Pooya Banapour, MD	Los Angeles Medical Center (Kaiser LA)	Western Section	India	Gopal Badlani, MD
Jyoti Chouhan, MD	SUNY Downstate Medical Center	New York Section	Vietnam	Joel Gelman, MD
Chris Doiron, MD	Queens Urology			Douglas Whittemore, MD
Aashish Kabra, MD	University of Texas Health Science Center	South Central Section	Trinidad	George Martin, MD
Paul Kogan, MD				Erik Grossgold, MD
Rosa Park, MD	Penn State Milton S. Hershey Medical Center	Mid-Atalantic Section	Senegal	Benjamin Breyer, MD
Austin Younger, MD	Medical Univesity of South Carolina	Caldera Medical	Mexico	Kurt McCammon, MD

## TRAVELING RESIDENT SCHOLARS

IVUmed's Traveling Resident Scholar Program gives urology trainees the opportunity to volunteer their time and talents in underserved parts of the world. Under the supervision of Board-certified mentors, resident scholars gain valuable hands-on experience, learn to operate in resource-limited settings, and establish lasting relationships with skilled doctors throughout the world. They accomplish this while providing care to patients in need. For many, a resident scholarship marks the beginning of a lifetime dedicated to international service. Over the past 18 years, 235 IVUmed scholars have participated in this unique experience.

235

TOTAL NUMBER OF RESIDENT SCHOLARS

83

TRAINING PROGRAMS
REPRESENTED

29

**COUNTRIES SERVED** 

**Since 1999** 

"Global surgery remains an actively expanding field and enthusiasm for the opportunities to participate abound, particularly amongst our trainees. IVUmed should be congratulated on their continued commitment to providing valuable care to those who need it most and for including residents in their work. Their moto of 'Teach One, Reach Many' remains an important consideration as we forge ahead, seeking ways to collaborate."

Chris Doiron, MD - Mexico

"I cannot thank IVUmed and the New York Section enough for providing these opportunities for residents. They are valuable and life changing both for the physicians and patients in the countries that are served, but also to the US based residents, fellows, and physicians that participate in these trips. I can definitely say that my experience in Vietnam strengthened my resolve to participate in international medicine upon completion of my urologic training."

Tyoti Chouhan, MD - Vietnam

# 2017 Volunteers

James Ambrosino - Virginia - Asetllas - IVUmed event Carlos Angel, MD - Tennessee - Pediatric Urologist - Ghana Jonathan Angelle, MD - Tennessee - Urology Resident - Ghana Robert Arana - Utah - Annual Benefit Angela Arlen, MD - Iowa - Urologist - West Bank Zeeshan Aslam, MD - United Kingdom - Urologist - Senegal Gopal Badlani, MD - North Carolina - Resident Mentor - India Pooya Banapour, MD - California - Urology Resident - India Mitchell Bassett, MD - Utah - Urology Resident - India Laura Bertrand, MD - Iowa - Urology Resident - West Bank Benjamin Brever, MD - California - Reconstructive Urologist - Senegal Frank Burks, MD - Michigan - Reconstructive Urologist - Haiti Dana Butler, NP - Tennessee - Nurse Practioner - Senegal Dana Casciato, RN - Pennsylvania - PACU Nurse - Zambia Antonio Cassara, MD - Pennsylvania - Ped Anesthesiologist - Zambia Stefano Cassara - Pennsylvania - Logistics - Zambia Jyoti Chouhan, MD - New York - Urology Resident - Vietnam Amanda Chung, MD - Virginia - Reconstructive Urology Fellow -Mexico & Trinidad

William Cox, MD - Tennessee - Pediatric Anesthesiologist - Ghana Pankaj Dangle, MD - Pennsylvania - Pediatric Urology Fellow - Senegal Benjamin Davies, MD - Pennsylvania - Urologist - West Bank Joel DeCastro, MD - New York - Urologist - West Bank & Mongolia Armen Dikranian, MD - California - Urologist - Vietnam Chris Doiron, MD - Canada - Urology Resident - Mexico Scott Eggener, MD - Illinois - Urologist - West Bank Brad Erickson, MD - Iowa - Urologist - West Bank Chuck Flack, MD - Florida - Pediatric Urologist - Zambia Matthew Flack - Florida - Logistics - Zambia Thomas Will Fuller, MD - Pennsylvania - Urology Resident - Senegal Joel Gelman, MD - California - Reconstructive Urologist - Vietnam Rita Gobet, MD - Switzerland - Pediatric Urologist - Ghana Alli Greening, MD - Arizona - Pediatric Anesthesiologist - Rwanda

Lance Hampton, MD - Virginia - Urologist - Vietnam Jay Harnden, MD - Utah - Pediatric Anesthesiologist - Zambia Waleed Hassen, MD - New York - Urologist - West Bank

Kristi Hebert, MD - California - Reconstructive Urology fellow - Vietnam Rama Jayanthi, MD - Ohio - Pediatric Urologist - Rwanda

Aashish Kabra, MD - Texas - Urology Resident - Trinidad Steve Kahan, MD - New Hampshire - Urologist - Vietnam

Susan Kalota, MD - Arizona - Female Urologist - Mexico

Cameron Keller - Utah - Annual Benefit

Tonya Keller - Utah - Annual Benefit

Sarah Krzastek, MD - Virginia - Urology resident - Vietnam

Norifumi Kuratani, MD - Japan - Pediatric Anesthesiologist - Mongolia

Yoshiko Kuratani - Japan - Logistics - Mongolia

Laura Leddy, MD - New York - Urologist - West Bank

Bob Lembersky, MD - Tennessee - Pediatric Anesthesiologist - Ghana Domenico Manzone, MD - California - Urologist - Vietnam

George Martin, MD - Indiana - Urologist - Trinidad

Kurt McCammon, MD - Virginia - Reconstructive Urologist -Mexico & Trinidad

**VOLUNTEERS IN 2017** 

**COUNTRIES STATES** 

**ORIGINS OF** 

**VOLUNTEERS** 

8,287 **VOLUNTEER HOURS** DONATED



Greg Murphy, MD - California - Reconstructive Urologist - Senegal Laura Nistico - Pennsylvania - Logistics - Zambia Kensuke Ohashi, MD - Japan - Pediatric Urologist - Mongolia Shyna Oku, MD - Japan - Anesthesiology resident - Mongolia Si Oottamazathien. MD - Utah - Pediatric Urologist - Zambia Rosa Park, MD - Pennsylvania - Urology Resident - Senegal Sarah Rains - Utah - Annual Benefit Thanmaya Reddy, MD - Alabama - Urology Resident - Vietnam Mather Reeves - Utah - Annual Benefit Eric Richter, MD - Colorado - Urologist - Uganda Temitope Rude, MD - New York - Urology Resident - Uganda Francis Schneck, MD - Pennsylvania - Pediatric Urologist - Senegal & Zambia Igor Semanov, MD - Pennsylvania - Pediatric Anesthesiologist - Zambia Amar Singh, MD - Tennessee - Urologist - Senegal Scott Stenguist, MD - Colorado - Pediatric Anesthesiologist - Senegal Heidi Stephany, MD - Pennsylvania - Pediatric Urologist - Senegal Laurie Steward, MD - Colorado - Pediatric Anesthesiologist - Senegal Karim Touijer, MD - New York - Urologist - West Bank Jody Valdez - Utah - Annual Benefit David Vandersteen, MD - Minnesota - Pediatric Urologist - Mongolia Doug Whittemore, MD - Connecticut - Resident Mentor - Mexico Nitin Yerram, MD - Ohio - Urology Resident - Senegal Austin Younger, MD - South Carolina - Urology Resident - Mexico Michelle Yu, MD - Pennsylvania - Urology Resident - Zambia Katrina Zeigler, RN - Pennsylvania - Nurse Educator - Senegal & Zambia

# 2017 International Partners & Hosts

Arhin Addai, MD – Ghana – Urologist Jean-Jumeau Batsch, MD – Haiti – Gynecologist Dagvadori Bayanundur, MD – Mongolia – Urologist

Pierre Boncy, MD - Haiti - Urologist Tinh Chung. MD – Vietnam – Urologist B. Demberelnyambuu. MD – Mongolia – Pediatric Urologist

Youry Dreux, MD - Haiti - Urologist Africa Gasana, MD – Rwanda – Urologist Lester Goetz, MD - Trinidad - Urologist Alex Gomez, MD - Honduras - Peds Surgeon Serigne Gueve, MD - Senegal - Urologist Kofi Gyasi-Sarpong, MD – Ghana – Urologist Mohamed Jalloh, MD – Senegal – Urologist Samuel Kanyi, MD - Kenya - Urologist Nguyen Huu Khon, MD – Vietnam - Urologist Khurelbaatar, MD – Mongolia – Peds Urologist Fred Kirva, MD - Uganda - Urologist

Linh Phuong Tran Le, MD - Vietnam - Urologist Sunny Mante, MD - Ghana - Urologist Victor Mapulanga, MD – Zambia – Urologist Pierre Alix Nazon, MD - Haiti - Urologist Medina Ndoye, MD – Senegal – Urologist Claude Paultre. MD – Haiti – Urologist Tran Le Linh Phuong, MD – Vietnam – Urologist Barbara Rampersad, MD – Trinidad – Urologist Emile Rwamasirabo, MD – Rwanda – Urologist Santigie Sessay, MD – Sierra Leone – Surgeon Le Tan Son, MD – Vietnam – Pediatric Urologist Nenad Spasojevic, MD - Zambia - Urologist Enrique Tome, MD - Honduras - Peds Surgeon Duy A. Tra, MD - Vietnam - Urologist Sergio Velez, MD – Honduras – Peds Surgeon Valerio Vital-Herne, MD – Haiti – Gynecologist John Wachira, MD – Kenva – Urologist

Plus 359 local doctors, nurses, and other medical personnel.

15 16

# 2017 Corporate & Foundation Donors

### \$50,000 and over

**Deerfield Foundation** Societe Internationale d'Urologic

### \$5,000 to \$49,999

American Urological Association Ashton Family Foundation Aytu BioScience, Inc. COOK George S. & Dolores Dore Eccles Johnson & Johnson Myriad Genetics, Inc. South Central Section of the American **Urological Association** University of Pittsburgh Medical Center

### \$2,500 to \$4,999

Caldera Medical Inc. **GE** Foundation Intermountain Healthcare Mid Atlantic Section of the American **Urological Association** New York Section of the American **Urological Assoiation** Northeastern Section of the American **Urological Association** Palm Beach Pediatric Urology, PA Society for Urodynamics and Female Urology Society of Urologic Oncology

University of Alabama at Birmingham University of California San Francisco University of Utah Western Section of the American **Urological Association** 

### \$1,000 to \$2,499

Chapel St. Consultants, LLC **Emergency Physicians of Tidewater** Skip & Kimberly Klintworth Laborie Lowell General Hospital Sarah Beth Coyote Foundation Shell Oil Company University of Utah Urology Division Urology of Virginia Physicians

## **Up to \$999**

Amazon Smile Foundation Bank of America Foundation Dikranian Urology, Inc. Goldman, Sachs & Company Hartford Insurance Louisiana Urology, LLC Marathon Health, Inc. Microsoft Matching Gifts Program **NextMed Management Services** PNC Bank Urological Associates of Southern Arizona Your Cause, LLC

"It was a privilege to be involved in a small step in sustainable improvement, meet the people of Senegal and see their country, have a hand in helping situations that were thought potentially helpless, and better understand the challenges of treating patients in the developing world. It reinforces a desire to continue this sort of work throughout my career."

- Will Fuller, MD - Urology Resident - Senegal





































































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