



# 2009 Annual Report



# Empowering Africans Through Medicine & Education

## Mission Statement

...to enhance the quality of medical care in East Africa, and to create educational opportunities for individuals who express an interest in contributing back to their communities.



The road to FAME Medical, photo by Jay Wright

# **Report from the Co-Founders, Frank Artress and Susan Gustafson**



As 2009 comes to a close, it is hard to believe the Outpatient Clinic has been operational for just 31 months. The word has gotten out, and an ever increasing number of patients are discovering our little clinic and coming from great distances to be cared for by our medical team. There are so many individuals and organizations who have contributed to making 2009 a

remarkable and fulfilling year for FAME. We were able to continue our Mobile Medical Service to Oldeani AND expand into Laghangareri, a remote village in our district, where medical resources are very scarce. Through our "Sponsor a Healthcare Worker Program", we have managed to attract an amazing team of medical professionals to a rural district where there is roughly 1 medical doctor for every 60,000 people. This year FAME saw the construction of two volunteer cottages. Our visiting medical professionals now have some where to stay when they come to share their time and expertise with us. Construction for our expansion into a small hospital and comprehensive laboratory began this year and continues to move forward at a steady pace. Yes, 2009 has been an incredibly gratifying year, and we are eternally grateful to all our friends and supporters. Because of YOU, rural communities in this small corner of Tanzania are receiving the quality medical care they so desperately need. The following pages detail FAME's 2009 highlights. A heartfelt ASANTE SANTA to each and every one of YOU who continues to be on this journey with us!

# 2009 HIGHLIGHTS

## FAME MEDICAL – Outpatient Clinic



Conducting EKG on young patient at FAME Medical, photo by Meredith Bowen

In 2009 the Foundation for African Medicine & Education, working in partnership with FAME Limited, a registered Tanzanian non-profit, saw a 32% increase in monthly patient load at our Outpatient Clinic. With increasing exposure in the District and Region, FAME Medical is getting busier and busier by the day. Patient contributions (fee for service) financed 32% of Clinic operating expenses this year, with donor support subsidizing 68% of operating costs. Community support is strong, with the local population increasingly vocal about their desire to see FAME Medical expand into a hospital. Two additional Nurse Assistants and one Clinical Officer joined us this year, bringing our medical team up to two Doctors, two Clinical Officers, two Nurses, two Nurse Assistants, and two Lab Techs. FAME Medical treats all who need it, young and old suffering from malaria, brucellosis, intestinal parasites, diarrheal disease, respiratory infections, infected wounds, malnutrition and more. Partnering with the District Health Office and other key stakeholders in our area, FAME Medical is making every effort to not only treat the most common ailments affecting Tanzanians, but to provide the health education necessary to prevent many of these diseases. We are committed to doing what we can to promote healthy communities in rural Tanzania.





Dr. Mshana performing minor surgical procedure



Head Nurse, Siana Nkya, weighs a baby

The generosity and commitment of Dr. Duane Koenig enabled FAME Medical to increase its diagnostic and surgical resources in 2009, with donations of an electrocautery machine, surgical instruments, and a teaching microscope. Working closely with Kim Roberts of SonoSite, Inc., Dr. Kathy McKenna and Dr. Loie Sauer led an amazing effort to raise money for a much-needed ultrasound machine. Thanks to their efforts and the generosity of their friends and colleagues, we were able to introduce ultrasound services at FAME Medical this year. In a country where the maternal mortality ratio is one of the highest worldwide (UNICEF, 2005), a staggering one-in-ten lifetime risk of maternal death for each woman, being able to identify high-risk pregnancies early is literally saving lives and keeping families together.



Lab Tech, Julius, Ombeni at work, photo by Meredith Bowen

## **FAME MEDICAL**

### **- Mobile Medical Service & Community Outreach**



Patients waiting in line for Mobile Medical Services, photo by S. Gustafson

2009 was a very active year for FAME's Mobile Medical Service. Going to some of the most remote locations in Northern Tanzania, the Mobile Medical Team visits villages where people have little or no access to medical care. This program has continued to grow each year, with our team now spending roughly 10 days out in the field. 2009 began with a drop-in Clinic in the Babati District. Partnering with community leaders, Mwangaza, Minnesota International Health Volunteers, and the Babati District Health Office, we were able to treat roughly 1,000 people over a six day period. Thanks to a very generous grant from Malaria No More Netherlands and the ongoing support of Rift Valley Children's Village, we were able to continue our bi-monthly Mobile Medical Service to the village of Oldeani AND expand into the Lake Eyasi area, conducting a week long drop-in clinic in the village of Laghangareri once per month. In Laghangareri and Oldeani alone, 2685 patients were attended this year. Of these, 638 (24%) were diagnosed with malaria. 108 (17%) were children under the age of five. Given the number of deaths from malaria among children under the age of 5, an estimated one-third, bringing diagnosis and treatment services to rural locations is preventing unnecessary tragedies for families. These are families who simply don't have access to medical care due to poverty and the remote location in which they live. Additionally, FAME was able to dramatically expand the health education component of our Mobile Medical Service this year. Employing the talent and expertise of both the Sangoma Acting Troupe and Mwangaza Health Educators, each Mobile Clinic incorporates educational drama, videos, and small group discussions. Health education programming is focused on a variety of topics, including malaria prevention, hand washing, and HIV/AIDS prevention. While patients are waiting in line or waiting for lab results, they are also learning about health promoting behaviors.





Mobile Medical Health Education in action, photos by S. Gustafson



Dr. Golru Gaffari attending baby on Mobile Clinic, photo by S. Gustafson



Support Team Member, William Elias, on Mobile Clinic



Dr. Mwaluko attending patient on Mobile Clinic photo by S. Gustafson





Deana with little patient on Mobile Clinic, photo by Marie Patterson

### Tales from the Bush by Deana Miller

For as long as I can remember, I have dreamed of traveling to Africa to do something that would benefit those less fortunate than myself. And for the longest time, I was unsure what I could possibly do to help. After finishing grad school, receiving my degree in Occupational Therapy, I decided it was the perfect time to make the long awaited journey to Africa to see what I could do to help out.

Originally, a friend and I arranged to spend 4 weeks volunteering at the Rift Valley Children's Village. We thought that we would only be able to visit the FAME clinic due to our busy schedules at the Children's Village. We were very fortunate that things worked out and we were both able to join the remarkable FAME team. We accompanied 18 other FAME staff and volunteers as we traveled to Laghangareri for the first of 24 mobile clinics. I was unsure what to expect, but extremely excited and curious about the mission.

I was stunned on the second day of clinic when what seemed like hundreds of people were lined up seeking medical treatment when we arrived early that morning, and even more showed up on each of the following days. I was astonished by the stories I heard of how far and for how long many of these sick individuals had traveled to obtain medical care. One elderly woman asked us if she could sit down to rest for a little while, she had traveled for 2 days to get to the mobile clinic. It amazed me how these individuals who in many cases are very frail and sick are able to travel such extreme distances to get the medical care they needed. In many cases it was not only a sick parent, but also one or several sick children that made the treacherous journey. On this same day, an older man was brought in by a community leader, by truck because he was unable to walk. The man suffered from paralysis below the waist following a sickness approximately 2 years ago that continues to persist and now also suffers with severe decubitus ulcers on his buttock and opposite hip. They were some of the worst ulcers I have seen. His wounds were treated at the clinic and he was started on antibiotics. Things were then set up to check on him at the end of the week, and arrange for him to be seen at the FAME clinic. I was able to help transport him back to his boma (mud hut). I was stunned by the condition this man was living in; he had to lay on a piece of cardboard on the dirt floor with a thin blanket covering it, and his blankets were filthy and soiled. We provided him with a foam cushion to help with comfort and positioning. I helped to educate the family through a translator, instructing them on proper positioning, wound care, and hygiene. They were also provided with the materials for dressing changes until he was seen at the clinic. With very few resources and limited knowledge of the language, this intervention and patient/family education was a lot different than it would have been done in different circumstances. Despite the limited resources, it amazed me how resourceful all the medical professionals were and the incredible things that could be done in "the bush" to help these individuals.

As I begin my career as an Occupational Therapist I will now take with me something very special, something that will stay with me forever. Dr. Frank and his team are incredible; they make such a huge impact on so many lives. Joining the FAME mobile clinic was such a life changing experience that I am so glad I was able to be part of and I hope that I am able to be part of something so special again someday soon.

## FAME MEDICAL - Volunteer Program



Dr. Kathy McKenna training in ultrasound technique at FAME Medical, photo by Kelly Conley

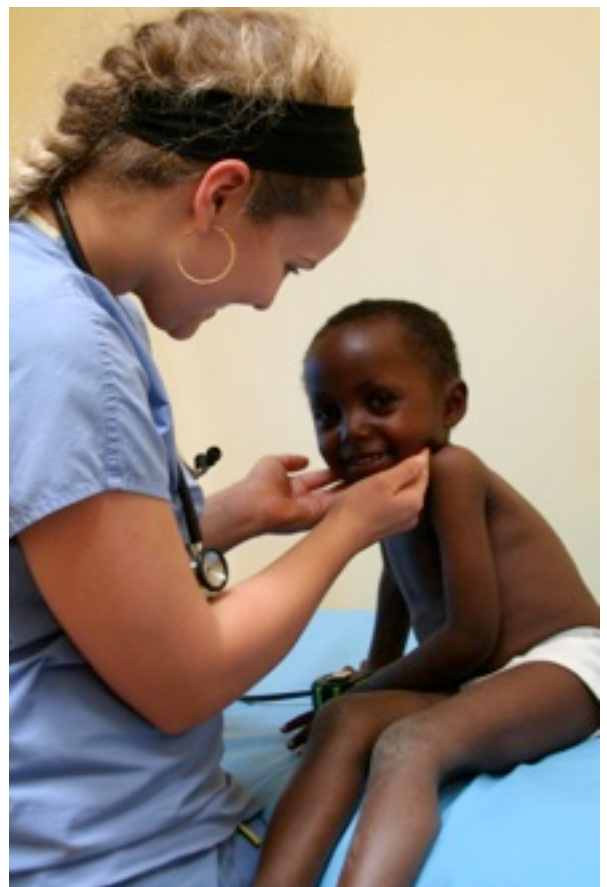
During 2009, 18 volunteers donated their time and expertise at FAME Medical in Tanzania. The graciousness with which all our volunteers contributed - teaching, learning and exchanging knowledge and skills with our Tanzanian team truly exemplified the collaborative exchange central to FAME's vision and mission. Two volunteer doctors devoted a great deal of their time to train our Tanzanian medical team in technologies new to rural Tanzania. Joining us for six months, Dr. Duane Koenig, a retired family practice doctor and general surgeon graciously shared his years of experience and expertise with our team. The time and energy Dr. Duane spent mentoring our clinicians and attending patients helped us immeasurably this year. Dr. Kathy McKenna, together with Dr. Loie Sauer, led a major fundraising drive to raise enough money for FAME to purchase an ultrasound machine. Thanks to the combined efforts of these exceptional individuals and SonoSite Inc., FAME was given a very generous discount, the money was raised, and ultrasound was introduced at FAME. Dr. Kathy McKenna, a radiologist specializing in ultrasound, generously spent two weeks at FAME Medical training our team in this technology.

Finally, our beloved Volunteer Coordinator, Meredith Bowen, returned home to pursue her own dreams and reunite with her friends and family in Cleveland, Ohio. Meredith's dedicated service during her time with us will never be forgotten. Of course, she didn't leave FAME without first making sure our volunteers were in good hands. The very talented Caroline Epe, our new Volunteers Coordinator, joined us in September of this year!

Mike Shuken, a Board Member and long-time supporter helped FAME write two crucial grant proposals this year, playing an enormous role in helping us secure much-needed funding for our new laboratory and diagnostic service and our Mobile Medical Service.



Dr. Duane Koenig with patients on Mobile Clinic, photo by S. Gustafson



Pediatrician, Mary Ellen Shields and daughter Emma Olson, a Pediatric ICU Nurse, treating patients from Rift Valley Children's Village, photos by Meredith Bowen



## **FAME MEDICAL – Scholarships**

*Africa bears one-quarter of the global burden of disease yet has only 3% of the world's healthcare workers.*

There is an acute shortage of medical professionals in Tanzania, particularly in rural Districts like Karatu. FAME identifies and finds sponsors for young people interested in medicine and passionate about improving healthcare for those living in rural Tanzania. While scholarships of this nature represent only a small arm of our organization, four exceptional individuals are now pursuing their dreams and will join the FAME team upon graduation. A heartfelt ASANTE SANA SANA to the individual sponsors responsible for helping these four committed and talented young people pursue their dreams.



Dr. Ahaz Jotham with his wife, Josephine and Dr. Frank Artress, on graduation day

Ahaz Jotham graduated from Kilimanjaro Christian Medical College with his MD in November of 2009. He is currently completing his internship at a government-approved hospital in Songea, Tanzania. He will come to join the FAME Team upon completion of his internship in December of 2010. Dr. Jotham is passionate about helping his community and will be a wonderful asset to FAME Medical.



FAME-Sponsored medical student, Zacharia Maggas, is a Clinical Officer now in his first year of medical school at Kilimanjaro Christian Medical College. Zacharia's home village is in the District of Karatu. He looks forward to returning to FAME Medical upon graduation and contributing back his skills as a doctor in his own community.



FAME-sponsored nursing student, Safi Mwambo, came to FAME as a Nurse Assistant but was eager to further her skills in nursing. After working with FAME for two years, Safi is now in her first year of Nursing School at Nkinga School of Nursing and will return to FAME Medial as a Nurse Officer upon completion of her program.



FAME-sponsored Nursing Student, Catherine Duwe, was a member of our Clinic Housekeeping Team but always dreamed of becoming a nurse. She is now in her first year of Nursing School at Dareda School of Nursing and plans to return to FAME Medical when she completes her program. Catherine's home village is also in the District of Karatu.

Again, the generosity of individual sponsors are making this all possible!

“To live a life of gratitude is to open our eyes to the countless ways in which we are supported by the world around us.”

-Gregg Krech



## **FAME MEDICAL - Expansion Project**

### Hospital & Laboratory Construction



FAME laboratory nearing completion



FAME hospital construction begins

With the extraordinary help of the Chauncy & Marion D. McCormick Foundation, individual supporters in the U.S., and architects Scott Paddon, Jack Paddon, Marcus Hibster and their teams, we are now in the process of expanding our current facility (an Outpatient Clinic) into a small hospital. The hospital will initially include 12 inpatient beds, a major operating room and minor operating room. These expanded inpatient capabilities will enable FAME Medical to admit critical patients for inpatient care, perform emergency surgeries, including life saving caesarean sections, provide intensive care unit services, and perform and teach a variety of surgical subspecialties through our visiting doctor program. Thanks to the generosity and support of the Izumi Foundation, FAME also looks forward to opening a new laboratory, with much enhanced diagnostic capabilities. With the help of major funding from Bob and Sarah Gould and other individual supporters, we will be installing a fully automated blood chemistry machine. We look forward to completing and opening the new laboratory in 2010 and the hospital in early 2011.

## Volunteer and Staff Housing

Thanks to the amazing support and generosity of Dr. Duane Koenig and another very special individual, who wishes to remain anonymous, we were able to construct two volunteer cottages for visiting doctors and nurses. Likewise, an incredibly generous donation from Bob & Sarah Gould will enable us to begin and complete construction of two staff houses on the FAME Medical campus for our Tanzanian doctors. Given the distance some of our FAME doctors travel to reach FAME Medical each day and our soon to be 24 hour service, the addition of doctor housing will be an enormous help to our medical program.



Volunteer Cottage at FAME Medical, photo by Jay Wright



Patients at Mobile Medical Service, photo by Jay Wright

## FUNDRAISING

Despite the global economic crisis, FAME had a very successful year of fundraising. Thanks to the generosity of 571 donors, we raised roughly \$646,000 in donations which is a 7% increase from last year. This includes individual cash donations, grants, and doctor/nurse sponsorships. These amounts do not include “gift in-kind” contributions, ranging from medical equipment and supplies to computer equipment.

Additionally, FAME, Limited, our sister organization in Tanzania, received approximately \$75,000 in matching grant funding for the operation of the Mobile Medical Service, and an individual donation in the amount of \$67,000 designated for construction of additional volunteer housing.

Our donor base clearly recognizes and appreciates the multi-faceted nature of our project. We are blessed to have supporters who are wholeheartedly invested in essential infrastructure and resources; namely, the construction of our medical facility, our volunteer cottages and our staff houses, water and solar projects, and essential medical equipment and supplies. FAME supporters recognize the importance of having a well-equipped and constructed facility in which to provide medical care. We are equally blessed to have supporters invested in programs and services and the very special people, our Tanzanian medical team, who deliver them. A heartfelt thanks to each and every one of you for fully recognizing the central role these extraordinary medical professionals play each and every day in the trenches here and what it takes to operate a quality medical service in Tanzania. Finally, we are most fortunate to have friends and supporters who understand the essential role they can play as ambassadors for FAME, telling others about our project in Tanzania and bringing friends and colleagues together to hear our story. A special thanks to Africa Dream Safaris for their generous support this year and for including us on their itinerary. ADS clients have been absolutely delightful and so eager to learn more about the medical needs in Tanzania.





Nurse Digna Kiwia giving weary patient medicine and fluids on mobile clinic, photo by S. Gustafson

## 2009 SUMMARY

As 2010 fast approaches, we reflect on how far we've come this year and are filled with enormous gratitude to ALL those who have made it possible. Just when we were beginning to feel extremely worried about the impact the global economic crisis could have on FAME's work in Tanzania, extraordinary individuals and organizations stepped up to the plate. A very special THANK YOU to the Susquehanna Foundation and Bob & Sarah Gould for their major support this year and for sharing our vision for FAME Medical. Our dedicated Board of Directors continues to play an invaluable role in moving FAME's mission forward. A heartfelt thank you for another year of selfless service. Just a few short years ago, we started with a piece of land and a Mobile Medical bus. Today, we have a fully operational Outpatient Clinic, an amazing Tanzanian medical team, and a fully-equipped Mobile Medical Service and Outreach Program. We can now offer ultrasound to our pregnant patients and look forward to introducing much enhanced laboratory capabilities this next year. We now have two volunteer houses, an amazing volunteer contingent, funding for two staff houses, and construction of our grant-funded hospital and laboratory are well-underway. It's been an incredibly full and gratifying year for FAME. Our achievements this year clearly exemplify what people with passion, pulling together, can accomplish for good!



## **GOING FORWARD – GOALS FOR 2010**

Continued grant funding from the McCormick Family Foundation and the Izumi Foundation will enable us to complete construction on our hospital and new laboratory. If all goes as planned, we hope to open the laboratory in 2010 and the hospital in 2011. Likewise, continued grant funding from Malaria No More – Netherlands will enable us to expand our Mobile Medical Services into new remotely located communities, where the needs are absolutely astounding. As we serve greater and greater numbers of patients and expand our medical services, keeping pace with operating expenses is our biggest challenge for 2010. As our facility grows, so do our staffing needs. There are many rural clinics standing empty in rural Tanzania. Doctor and nurse shortages and lack of resources make it impossible for these facilities to properly function. In contrast, we are proud of our medical facility and even prouder of the services that go on inside it, hence our commitment to raising the money necessary to attract and retain qualified medical staff and maintain a high level of patient care. We will also need to invest in additional infrastructure over the next two years, specifically our solar system and water storage capabilities. Our entire medical facility is off the electrical grid. As we add a new, comprehensive laboratory and move toward opening a 12-24 bed hospital with Operating Room and ICU capabilities, we will be placing far greater demands on our existing solar and water system. We have been blessed with good rains this past year and need to increase our rain water catchment and storage capabilities to truly take advantage of the rain when it does come.



## **2009 FINANCIAL REPORT & SUMMARY**

### **Statement of Operations**

#### ***Support and Revenues***

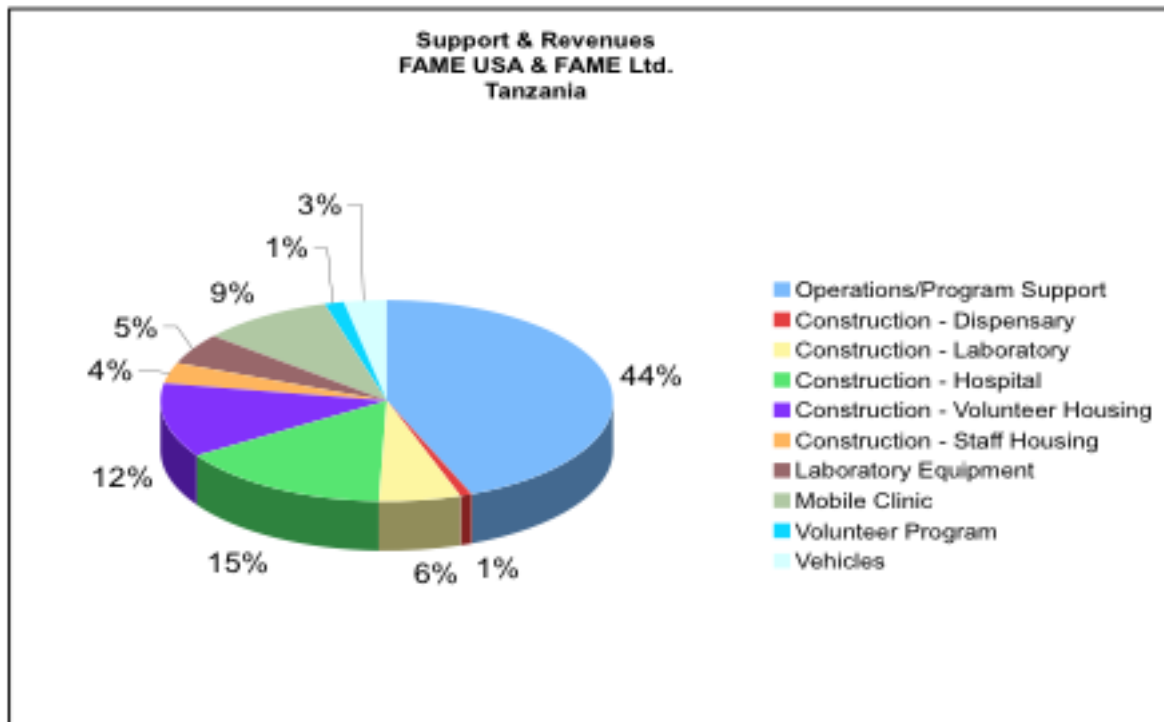
Revenues for the year ended December 31, 2009 totaled \$ 652,000, some \$50,000 more than the previous year. Of this, contributions of approximately \$423,000 were received from 567 donors, and were at about the same level as the previous year. Grant income increased to over \$223,000 and included the second installment of the hospital construction grant of \$125,000, grants of \$50,000 for laboratory construction and \$36,000 for diagnostic equipment. Interest income for the year was \$6,270.

Total expenditures for the year amounted to \$474,000 of which \$462,000 or 97.5% was applied to our primary partner in Tanzania, FAME Ltd.

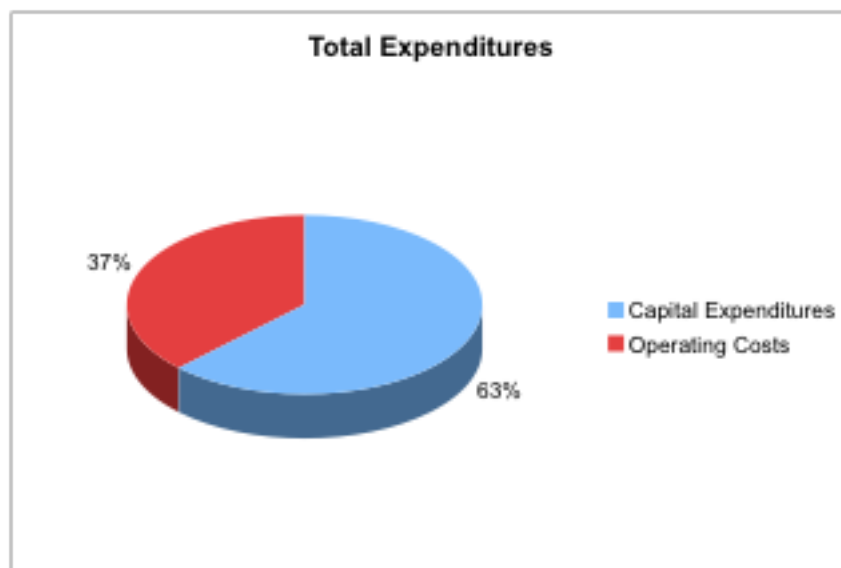
FAME Ltd. in Tanzania was also successful in fundraising and received approximately \$75,000 in matching grant funding for the operation of the Mobile Medical Service. In addition, individual contributions in the amount of \$67,000 were designated for the construction of volunteer housing. Patient fee income from the Outpatient Clinic for the year amounted to \$45,000.



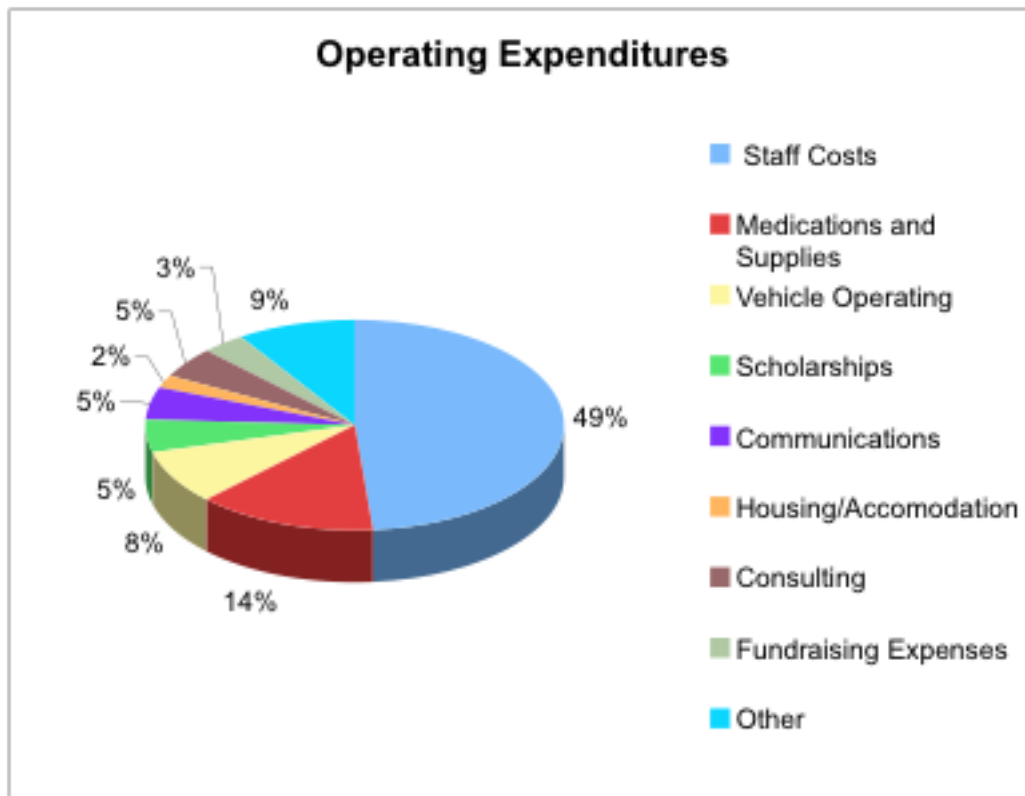
The chart below shows the total support and revenues for the **combined** entities and reflects funds designated for the various areas.



Sixty three percent of the total expenditures during the year went towards capital expenditures, including continuing construction of the laboratory and the hospital, volunteer and staff housing, infrastructure development and investment in diagnostic equipment.



Operating expenditures during the year were approximately \$247,000. Fundraising expenses were 3% of total expenditures, while staff costs, medications and supplies, vehicle operating costs and scholarships accounted for 76% of expenses.



## Financial Summary 2009

### Statement of Activities for FAME USA

#### Support and Revenues

##### Operations

Dispensary/Lab	93,230
Mobile Clinic	5,400
Program Support	218,358
Volunteer Program	12,500
Scholarship Program	8,750
Vehicles	25,000
<b>Total Operations Support</b>	<b>363,238</b>

##### Capital Program

Dispensary Construction	7,500
Laboratory Construction	50,000
Hospital Construction	125,000
Volunteer Housing Construction	33,750
Staff Housing Construction	30,000
Laboratory Equipment	36,391
<b>Total Capital Program</b>	<b>282,641</b>

<b>Interest Income</b>	<b>6,270</b>
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<b>Total Income</b>	<b>652,149</b>
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<b>Total Change in Net Assets</b>	<b>177,959</b>
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#### Statement of Financial Position

<b>Assets</b>	566,629
<b>Total Assets</b>	<b>566,629</b>

##### Liabilities

Current Liabilities	133
<b>Total Liabilities</b>	<b>133</b>

##### Net Assets

Unrestricted Assets	329,682
Designated Funds	236,814

<b>Total Net Assets/Fund Balances</b>	<b>566,496</b>
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<b>Total Liabilities &amp; Net Assets</b>	<b>566,629</b>
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#### Expenditures

##### Operations

Staff Costs	119,586
Medications & Supplies	33,768
Volunteer Program	10,499
Vehicle Operating Expense	17,400
Support Services	23,653
Scholarships	12,634
Other Operations Expenses	76,817

##### Capital Program

Laboratory Construction	96,343
Hospital Construction	63,527
Equipment Purchases	19,963

<b>Total Expenditures</b>	<b>474,190</b>
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## 2009 Board of Directors

**Frank Artress, President**

Karatu, Tanzania

**Graham Pierce, Director**

Hughson, California

**Susan Gustafson, Vice President**

Karatu, Tanzania

**Jack Paddon, Director**

Newcastle, California

**Jeanne Artress, Sec./Treasurer**

Redding, California

**Nancy Paddon, Director**

Newcastle, California

**Mike Shuken, Director**

Hughson, California

## 2009 Medical Team & Senior Staff at FAME Medical in Tanzania

**Dr. Frank Artress**

Co-Founder & Co-Director

**Susan Gustafson**

Co-Founder & Co-Director

**Dr. Fredrick Mshana**

Head Doctor

**Dr. Ivan Mwaluko**

Clinical Officer

**Dr. Boniface Ringo**

Clinical Officer

**Siana Nkya**

Head Nurse

**Digna Kiwia**

Nurse Midwife

**Patricia Ancelim**

Nurse Assisant

**Halima Mwanga**

Nurse Assistant

**Julius Ombeni**

Lab Tech

**Josephat Msoffe**

Lab Support/Nurse Asst.

**Mary Msuya**

Community Outreach Counselor

**Anza Missai**

Medical Receptionist

**Festo Moshi**

Plant Manager



Children from Rift Valley Children's Village waiting for check-up, photo by Meredith Bowen

**The Foundation for African Medicine & Education (FAME) is a registered 501(c)(3) not for profit.**

**Please direct all inquiries and donations to:**

**FAME  
4553 Crimsonwood Drive  
Redding, CA 96001**

**Credit card donations can also be made thru the Network for Good. For more information, go to our website at [www.fameafrica.org](http://www.fameafrica.org)**

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