## ANNUAL 2016 REPORT

A Year of NEW BEGINNINGS

# ReSurge

FOR NEARLY FIFTY YEARS, RESURGE HAS PROVIDED PEOPLE IN DEVELOPING COUNTRIES WITH ACCESS TO LIFE-CHANGING RECONSTRUCTIVE SURGICAL CARE THAT IS SAFE, TIMELY AND AFFORDABLE. WE TRAIN THE NEXT GENERATION OF RECONSTRUCTIVE SURGEONS IN AFRICA, LATIN AMERICA, AND ASIA; WORK WITH THEM TO CREATE A SUSTAINABLE BUSINESS MODEL; AND TOGETHER, WE PROVIDE HIGH QUALITY RECONSTRUCTIVE SURGICAL CARE TO PEOPLE LIVING IN POVERTY AND IN REMOTE AREAS. AS A RESULT OF OUR WORK, OUR PATIENTS' LIVES TRANSFORMED-THEY ARE ARE ABLE TO MORE FULLY PARTICIPATE THEIR IN COMMUNITIES, ATTEND SCHOOL, AND PROVIDE FOR THEIR FAMILIES.

#### **BOARD OF DIRECTORS**

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# **X** A LETTER FROM OUR CEO



2015-16 has been a year of extraordinary growth and development for ReSurge. We, and patients like Tumpa, on our cover, appreciate your support.

ReSurge treated Tumpa in Cox's Bazaar, Bangladesh, releasing a burn contracture to restore functionality to her arm. Having this procedure done at age 11 will transform her future, improving the range of choices available to her for education, marriage and an occupation.

Yet with limited numbers of medical professionals in many developing countries, too few children and adults like Tumpa can receive treatment. A growing recognition of this fact has spawned a global movement to prioritize access to surgical care as a critical component of improving health care in developing countries.

In my first year as CEO, I have therefore drawn on my 30 years' experience in international development to strengthen ReSurge's evolution from a first-class medical humanitarian organization to one focused on international development in health care and health systems.

Part of ReSurge's evolution is marked by the completion of the first full year of the ReSurge Global Training Program (RGTP), which we launched in 2014 under the leadership of Dr. Jim Chang. The RGTP was initiated to raise the skill level of young reconstructive surgeons in developing countries, with the goal of creating sustainable year-round surgical care where none existed previously.

This fiscal year our dedicated volunteer Academic Faculty completed the creation of a milestone-based reconstructive surgery curriculum for low-resource settings. The curriculum provides a framework for tracking the progress of these medical professionals in their skill development during our Visiting Educator trips.

We also increased our commitment to advocacy. In May 2016, in partnership with the G4 Alliance and the U.S. Congressional Global Health Caucus, ReSurge led a congressional briefing on global surgery to raise awareness and to advocate for increased resources and the integration of surgical care in existing global health programs. The panelists represented Harvard's Program in Global Surgery and Social Change, The Lancet Commission on Global Surgery, GE Foundation, Johnson & Johnson, U.S. Department of Health and Human Services and ReSurge Nepal. Through education on the lasting economic and societal benefits of providing surgical care to those who are sick, injured, or disabled, we believe we can help increase resources and the number of reconstructive surgeons in developing countries.



ReSurge's evolution positions us well to leverage the global safe surgery movement's momentum in research, resource mobilization and standards development. Additionally, because of increased awareness of the important topic of surgical care and of organizations such as ReSurge, we anticipate much growth and expansion in the coming years.

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PRESIDENT AND CEO

CURRENTLY, 5 BILLION PEOPLE IN THE WORLD DO NOT HAVE ACCESS TO SURGERY WHEN NEEDED.

- LANCET COMMISSION ON GLOBAL SURGERY REPORT





#### At ReSurge, we perform and teach all of reconstructive surgery, including ourn reconstruction, cleft lip/palate surgery and hand and microsurgery."

#### NAME: Dr. Jim Chang

**TITLE(S):** ReSurge Consulting Medical Officer, Johnson & Johnson Distinguished Professor of Plastic Surgery, Faculty Fellow at the Center for Innovation in Global Health at Stanford University Medical Center **CITY/COUNTRY:** Silicon Valley Headquarters, USA Bead about our impact on 6





"I am lucky to be a doctor. I came from a small village in Nepal. I like working with poor people and training doctors."

NAME: Dr. Shankar Rai TITLE: ReSurge Surgical Outreach Partner and Country Director CITY/COUNTRY: Kathmandu, Nepal Read about our programs on 5



"Our team works so hard to transform the lives of victims, who we call burn survivors."

NAME: Dr. Vinita Puri TITLE: Honorary ReSurge India Medical Director, Head of Reconstructive Surgery at Seth GS Medical College and KEM Hospital CITY/COUNTRY: Mumbai, India

Read about our medical volunteers on 11



"[We] work side by side with our counterparts in developing countries to help educate them over time...."

NAME: Dr. Gordon Lee TITLE: ReSurge Academic Faculty, Director of Microsurgery, Associate Professor of Surgery, Residency Program Director and Plastic Surgery specialist at Stanford University

Academic Faculty on 14

### WHAT WE DO





Patients Treated by Developing World Partners

#### SURGICAL OUTREACH PARTNERS (SOPS)

Our SOPs provide 87% of surgeries annually. ReSurge identifies talented local reconstructive surgeons in the countries where we work and provides them with oversight, training and financial support for their work with the poor. Through this model we have created year-round surgical capacity where none previously existed.

PHOTO: JOSH ESTEY

#### FEATURED DEVELOPING WORLD PARTNER

#### "I AM LUCKY TO BE A DOCTOR. I CAME FROM A SMALL VILLAGE IN NEPAL. I LIKE WORKING WITH POOR PEOPLE AND TRAINING DOCTORS."

Meet Dr. Shankar Rai from Nepal. Currently, Dr. Rai serves as ReSurge's Country Director for Nepal. As the "father of reconstructive surgery in Nepal," Dr. Rai has performed more than 12,000 free surgeries for children living in poverty and remote areas. Today, 87 percent of all ReSurge surgeries are performed by developing world surgeons, like Shankar.

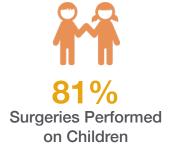
#### **SURGICAL TRIPS**

Volunteer surgical team trips travel around the world to provide reconstructive surgery. Teams include surgeons, anesthesiologists, pediatricians, operating and recovery room nurses, and in some cases, hand or physical therapists. Surgical team trips also provide hands-on training and identify promising candidates for the SOP program.

"SURGICAL PROCEDURES ARE AMONG THE MOST COST-EFFECTIVE OF ALL HEALTH INTERVENTIONS IN THE DEVELOPING WORLD."

- WORLD BANK DCP3 REPORT





#### ACADEMIC FACULTY & CURRICULUM

World-class faculty from leading medical schools have created a comprehensive, standardized curriculum to assess trainees' proficiency in a range of procedures. For each procedure, trainees are assigned one of five skill levels, with Level I being Basic Knowledge and Level 5 being World Expert.

#### **VISITING EDUCATORS**

Local reconstructive surgeons and members of ReSurge's Academic Faculty use classroom, lab, and hands-on training to teach local doctors the latest techniques. Anesthesiologists, pediatricians, and nurse educators conduct workshops and conferences. This model builds local capacity for long-term, sustainable surgical care.

"143 MILLION ADDITIONAL SURGICAL PROCEDURES ARE NEEDED EACH YEAR TO SAVE LIVES AND PREVENT DISABILITY."

- LANCET COMMISSION ON GLOBAL SURGERY REPORT

#### WE TREAT

#### **PTOSIS**

Surgery restores sight to patients who have experienced difficulty seeing since birth.

#### HAND

Surgery focuses on restoring patient's ability to use hand for holding, writing, and eating.

#### BIRTHMARKS

Surgery removes one or many birthmarks, such as hairy nevus which show signs leading to skin disease, illness or cancer and other illnesses.

#### CLEFT LIP AND/OR PALATE

Surgery restores function to patient's mouth, increasing their ability to speak, breathe, and eat with ease.

#### **BURN OR SCAR**

Surgery restores function to patient's arms, legs, and other areas following a fire or chemical accident and/or trauma.

#### WOUND CARE

Obtain optimal results in healing wounds from trauma, burns, infection and cancer. Assess wound condition and implement treatment, dressings, and decision-making regarding the need for surgery.



# WHO WE HELP

"I'M HAPPY BECAUSE NOW I CAN SPEAK AND BE UNDERSTOOD. IT MAKES MY LIFE EASIER." BOLIVIA ECUADOR NICARAGUA

PERU

#### PATIENT PROFILE

Meet Sarita. Sarita is from the village of Narayani in the Chitwan District of Nepal. When Sarita was 11, she had cleft lip surgery. However, due to the low skill level of skilled surgical professionals in her area, she did not receive cleft palate surgery until she met ReSurge International community coordinator, Hemanta Dhoj Joshi, at age 25.

Sarita traveled all the way to Kathmandu for the surgery. Cleft lip and palate surgeries are most commonly performed on small children. Because Sarita is an adult, her palate opening had grown abnormally large, requiring extra skill to repair.

In early 2016, ReSurge closed her cleft palate. Thanks to the surgery, Sarita can now speak and breathe with ease.



### WHERE WE WORK

GHANA MOZAMBIQUE TANZANIA ZAMBIA ZIMBABWE BANGLADESH CAMBODIA INDIA NEPAL SRI LANKA VIETNAM

> "WHEN JONAS' FATHER HEARD ABOUT RESURGE INTERNATIONAL AND THEIR ABILITY TO REPAIR DISABLING BURNS, HE CHOSE TO ACT. HE AND JONAS SPENT SEVERAL DAYS ON FOOT AND ON BUSES TO GET JONAS THE SURGICAL CARE HE NEEDED."

-RESURGE VOLUNTEER IN TANZANIA



PHOTO: DARCY PADILLA

#### **FINANCIALS**

#### **ASSETS**

#### **Current Assets**

Cash & Cash Equivalents	\$569,641
Investments	\$382,207
Inventory	\$114,335
Accounts Receivable	\$228,846
Grants Receivable	\$54,600
Prepaid Expenses & Deposits	\$42,316
Total Current Assets	\$1,391,945

#### Net Property & Equipment

\$108,534

#### Other Assets

Receivables - Net of current portion \$357,945
Deposits - Long term\$13,000
Investments - Held for Endowment\$1,048,735
Total Other Assets\$1,419,680

#### **Total Assets**

\$2,920,159	Total Liabilities & Net	

#### **LIABILITIES & NET**

#### **Current Liabilities**

Accounts Payable	\$325,713
Accrued Liabilities	\$75,895
Deferred Revenue	\$13,650
Deferred Rent (current portion)	\$211
Total Current Liabilities	\$415,469

#### Long-Term Liabilities

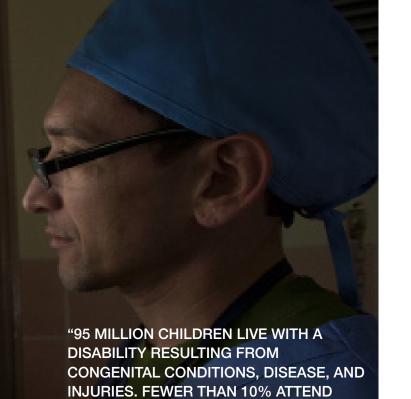
Deferred Rent	\$45,041
Total Liabilities	\$460,510

#### Net

Unrestricted Net Assets	\$560,833
Temporary Restricted	\$1,146,193
Permanently Restricted	\$752,623
Total Net Assets	\$2,459,649

\$2,920,159





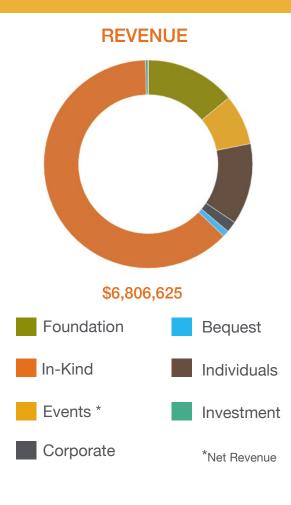
\$7,862,617 Medical Education & Programs Management & General

Development

**EXPENSES** 

- LANCET COMMISSION ON GLOBAL SURGERY REPORT

SCHOOL."







#### **VOLUNTEER PROFILE**

We recently named Dr. Vinita Puri as our honororary volunteer medical director in India. Dr. Puri is head of the department of plastic and reconstructive surgery at Seth GS Medical College and KEM Hospital Mumbai, one of the premier university hospitals in India. Dr. Puri is the editor of the Indian Journal of Burns, and is renowned for her work with people living in poverty and in remote areas.



**7,860** Hours Donated by Medical Volunteers

#### **MEDICAL VOLUNTEERS**

RESURGE THANKS THE NUMEROUS THERAPISTS, ANESTHESIOLOGISTS, NURSES, SURGEONS, COORDINATOR/ TRANSLATORS AND COMMITTEE MEMBERS WHO DEDICATED THEIR TIME AND EXPERTISE TO TRANSFORMING THE LIVES OF NUMEROUS PATIENTS AND SURGICAL TRAINEES THIS YEAR.

Richard Agag, MD Beatriz Aquirre-Gutai Wendell Alderson, RN Deepika Aluru, MD Norma Alvarado Lisa Asta, MD Aaron Berger, MD Bonnie Blacklock, RN Evan Bloom, MD Yolanda Cannv Tina Cerruti. RN Jennifer Chan, OTR/L, CHT Nisha Chaudry Anila Chaudhary Nancy Chee, OTD, OTR/L, CHT Thu-Nguyet Choi James Chu, MD Susan Clark, OTR/L, CHT Garet Comer. MD Chris Conner, MD

Damon Cooney, MD Beth Costa, OT Robin Cox. MD Tom Davenport, MD Ryan Derby, MD Thuyle Dinh Carter Dodge, MD Claire Donohue, RN Susan Downey, MD Omar Ezziddin, MD Fran Fisher, RN Sue Fossum, RN Lorry Frankel, MD Jeff Friedrich, MD Gary Fudem, MD Dorothy Gaal, MD Kathy Gallagher, MD Kim Garrity, RN Richard Gillerman, MD Laurence Glickman, MD

Shannon Grady, OT George Gregory, MD Vincent (Rod) Hentz, MD Joe Herbert, MD Elena Hopkins, RN Jessica Oja, RN Robin Kamal, MD Latha Kampalath, MD Yvonne Karanas, MD Anna Maria Keating Matthew Koepplinger, MD Catherine Lam Arthur Lande, MD Loan Le, MD Pirko Maguina, MD David Marcus, MD Bill McClure, MD David Megee, MD Eric Moonev. MD Kiran Nakarmi, MD



#### **VOLUNTEER PROFILE**

An active ReSurge Educator since 2011, nurse Sue Fossum travels with ReSurge to create practical monitoring and evaluation techniques for local healthcare workers. She also serves on ReSurge's volunteer nursing committee, weighing in on critical issues spanning the spectrum of patient care. Recently, Sue traveled to Itigi, Tanzania to train the next generation of Tanzanian nurses. On that two week trip, she trained a total of 65 nurses.



551 **Medical Professionals** Taught

Cynthia Myslinski, RN Siara Nazir Rebecca Neiduski, PhD, OTR/L, Ramona Rico, MD CHT Dung Nguyen, MD James Nguyen, MD David Norton, MD Gavin O'Mahony, MD Judy O'Young, MD Fabian Okonski, MD Katie Osborn, RN, MSN, EdD Jorge Palacios, MD Marshall Partington, MD Terese Patrin, RN Maria Pedersen, RN Rui Pereira, MD Joyce Phillips, MD Karen Pitbladdo, OTR/L, CHT Nate Ponstein, MD Katherine Pope, MD Lisa Pritchard, RN Paul Quintana, MD Karina Rando, MD Susan Rawding, RN Elise Reay-Ellers, RN

Richard Redett, MD Janice Richards, MD Marc Ronert, MD Nanette Root, RN Echo Rowe, MD Deborah Rusy, MD Brinkley Sandvall, MD Kim Satterlee Hani Sbitany, MD Yvonne Schimmel, RN Marv Secor, RN Lisa Shebell, RN Dan Sherick, MD Lan Sherlock Hubert Shih, MD Pam Silverman OTR/L, CHT Virender Singhal, MD Mark Singleton, MD Frankie Snyder, RN Myles Standish, MD Kristin Stueber, MD Patricia Sweeney, RN Tom Taylor, OTR/L, CHT Susan Taylor, MD

Erin Thomas. OT Emily Ulm Thomson, RN Rosalie Tocco-Bradley, MD Sophia Trieu Alice Truscott, MD Geeta Vora Derrick Wan. MD Sheila Wolfson Julie Woodside, MD Kim Yates, RN Mary Beth Yosses, RN Dawn Yost, RN David Young, MD



"BY STRENGTHENING HEALTH CARE SYSTEMS THROUGH TRAINING, THE WORLD CAN AVOID UP TO \$12 TRILLION IN LOST ECONOMIC PRODUCTIVITY."

-THE LANCET COMMISSION ON GLOBAL SURGERY REPORT

PHOTO: JOSH ESTEY

#### **ADVOCACY & PARTNERS**



#### **The G4 Alliance**

The Global Alliance for Surgical, Obstetric, Trauma, and Anesthesia Care, is a coalition of more than 85 leading international organizations working in 160 countries. The G4 Alliance advocates for the neglected surgical patient and builds political priority for surgical care as a part of the global development agenda. ReSurge, a founding member and leader of the coalition, works with The G4 Alliance to increase access to safe, timely and essential surgical care for all by working with governments and multi-laterals around the world.

#### American Society for Surgery of the Hand

The American Society for Surgery of the Hand is the oldest and most prestigous medical society dedicated to the hand and upper extremity. Through treatment, training, and advocacy, the American Society for Surgery of the Hand (ASSH) collaborates to increase the promotion of diversity, professionalism, and excellence worldwide. Since 2014, the American Society for Surgery of the Hand has collaborated with ReSurge to transform lives by providing people in developing countries with surgical care.

#### FY 16 ACTIVE ACADEMIC FACULTY INSTITUTIONS

Brown University Columbia University College of Physicians & Surgeons Dartmouth University Harvard University Johns Hopkins University Kirtipur Hospital Long Island Plastic Surgery Group New York University Northwestern University Seth GS Medical College and KEM Hospital, Mumbai Shriners Hospital for Children Stanford Hospital & Clinics Stanford University Medical Center Stanford University University of California San Francisco University of Michigan Section of Plastic Surgery University of Washington University of Wisconsin, Madison Yale University



"[WE] WORK SIDE BY SIDE WITH OUR COUNTERPARTS IN DEVELOPING COUNTRIES TO HELP EDUCATE THEM OVER TIME...."

-DR. GORDON LEE, RESURGE EDUCATOR

#### SUPPORTERS



#### LONG ISLAND PLASTIC SURGICAL GROUP, PC

Long Island Plastic Surgical Group knows that in many developing countries, reconstructive surgical care is unaffordable and trained health care professionals are scarce.

To address this need, Long Island Plastic Surgery Group sponsors the ReSurge treatment program in Ecuador and training worldwide. Through LIPSG's support, people suffering from traffic injuries, burn contractures, and cleft lips and palates can receive timely, high-quality surgical care. Through LIPSG's expertise, the next generation of health care workers are trained in the skills they need to deliver quality surgical care.



#### JOIN US AND HELP TRANSFORM LIVES

#### GIVE

You can transform the life of a patient or trainee. Learn more about other ways to donate at www.resurge.org or call 408.737.8743.

#### PARTNER

Public and private sector partnerships play a significant role in ReSurge's work, enabling us to strategically develop and invest in programs rooted in the local communities of Asia, Africa, and Latin America. To learn how your organization can partner with us, please call 408.737.8743.

#### CONNECT

Follow ReSurge on Facebook: facebook.com/resurge and on Twitter @ReSurge for updates on how ReSurge is making an impact.

ReSurge International 145 N. Wolfe Road Sunnyvale, CA 94086





### LOOKING AHEAD

With the training program and advocacy efforts ReSurge has put in place this year, focusing not solely on treatment but on a multi-faceted effort to strengthen health systems in the countries we serve, we expect to dramatically expand our impact over time.

Paralleling international public health movements such as those addressing the AIDS crisis and malaria, the international safe surgery movement has focused the medical world's attention on surgical care in a way that will be an important catalyst for our growth. We look forward to further exciting developments in international surgical care as the safe surgery movement gathers momentum.



Thank you to Signature Print & Promo, Inc. for their generous donation of print services for our 2015-16 annual report.