Cleveland Clinic

Cleveland Clinic was founded in 1921 by Drs. George Crile, Frank Bunts, William Lower and John Phillips as a nonprofit multispecialty academic medical center integrating clinical and hospital care with research and education. Cleveland Clinic has pioneered many medical breakthroughs and consistently is named in U.S. News & World Report’s annual “America’s Best Hospitals” survey. About 2,800 full-time salaried physicians and researchers and 11,000 nurses represent 120 medical specialties and subspecialties. Cleveland Clinic Health System includes a main campus in Cleveland, eight community hospitals and 18 Family Health Centers in Northeast Ohio, as well as Cleveland Clinic Florida, the Lou Ruvo Center for Brain Health in Las Vegas, Cleveland Clinic Canada, and, opening in 2013, Cleveland Clinic Abu Dhabi.

THE INTERNATIONAL LEADERSHIP BOARD

In 2010, Cleveland Clinic launched the International Leadership Board, a diverse body of distinguished global representatives committed to providing support and counsel to Cleveland Clinic staff and executives concerning international initiatives and activities. These individuals represent international medicine, education, business, government and foundations and are personally vested in their charge to seek mutually beneficial opportunities for collaboration. The volunteer board helps ensure that Cleveland Clinic leadership will be kept informed of international medical needs and is well-connected to address emerging priorities efficiently. Global partnerships enhance patient care, advance research and further medical education.
Today, we surely know that healthy nations tend to be prosperous nations. As the health of a country improves, so does its wealth. Prosperous, healthy people cannot ignore their neighbors – global health has a profound impact on us all.

– His Highness Sheikh Nahayan Mabarak Al-Nahayan, International Leadership Board Chairman

THE INTERNATIONAL RESEARCH AND INNOVATIONS FUND

Established in 2011 by Cleveland Clinic’s International Leadership Board, the International Research and Innovations Fund supports promising projects with potential for transforming global health.

Innovative, early stage research requires seed funding to progress to a level at which it can attract outside support, including from the U.S. National Institutes of Health and pharmaceutical companies. The International Research and Innovations Fund provides Cleveland Clinic’s CEO the flexibility to help propel such projects to the next stage of development.

The fund offers an opportunity for philanthropists to partner with Cleveland Clinic physicians and scientists who are engaging in groundbreaking research that could save and enhance the lives of millions of people around the world.
In the past 90 years, Cleveland Clinic physicians:

- Developed coronary angiography
- Pioneered coronary artery bypass surgery
- Established the first kidney dialysis program in the United States
- Performed the world’s first laryngeal transplant
- Performed the first near-total face transplant in the United States

The coming decades promise more breakthroughs, with physicians and scientists currently exploring:

- A cure for Type I diabetes using stem-cell-derived insulin producing cells
- The connection between dietary fat, intestinal bacteria and heart disease
- A breast cancer vaccine
- The cause of progressive neurological decline in MS patients
- Tools for tailoring healthcare to the individual
- Causes of and treatment for Alzheimer’s disease and other brain disorders

Cleveland Clinic is renowned for innovation.

The future belongs to those who seize the opportunities created by innovation. – Delos M. Cosgrove, MD, Cleveland Clinic President and CEO

Current Cleveland Clinic research pursuits in areas of emphasis:

- Cardiology
- Endocrinology (Diabetes)
- Neurology
- Oncology
Philanthropic support of research at Cleveland Clinic is a noble effort that benefits patients around the world.

– Fuad Jubran, MD, FACP, Holder of the Fuad Jubran, MD, Chair in Cardiovascular Medicine and Director, the Fuad Jubran Center for Middle East Medical Education

Cleveland Clinic Institutes

Anesthesiology Institute
Arts & Medicine Institute
Cleveland Clinic Lorain
Cole Eye Institute
Dermatology & Plastic Surgery Institute
Digestive Disease Institute
Education Institute
Emergency Services
Endocrinology & Metabolism Institute
Genomic Medicine Institute
Glickman Urological & Kidney Institute
Head & Neck Institute
Imaging Institute
Lerner Research Institute
Medicine Institute
Neurological Institute
Ob/Gyn & Women’s Health Institute
Pathology & Laboratory Medicine Institute
Pediatric Institute & Children’s Hospital
Orthopaedic & Rheumatologic Institute
Quality & Patient Safety Institute
Respiratory Institute
Stanley Shalom Zielony Institute for Nursing Excellence
Sydell and Arnold Miller Family Heart & Vascular Institute
Taussig Cancer Institute
Wellness Institute
PARTNER WITH CLEVELAND CLINIC

As a nonprofit enterprise, Cleveland Clinic partners with philanthropic supporters to explore promising research and education opportunities that have the potential for transforming patient care on a global scale. About 11,000 Cleveland Clinic alumni practice worldwide. As Cleveland Clinic grows and meets new success, all earnings are reinvested into the core mission of furthering research, education and patient care.

Cleveland Clinic depends on your philanthropic support. In turn, supporting research and education at Cleveland Clinic truly is an investment in the health of your nation. Please consider joining Cleveland Clinic’s quest for treatments and cures for diseases and conditions affecting the people of your nation and the health of communities worldwide.

Philanthropy provides the resources to conduct studies and explore issues related to digestive diseases, as well as for medical education.

– Feza Remzi, MD, Chairman of Colorectal Surgery, Digestive Disease Institute, and holder of the Ed and Joey Story Endowed Chair in Colorectal Surgery
Top Cleveland Clinic Research Projects in Need of Support

**Preventing Breast Cancer**
Vincent Tuohy, PhD
Developing a vaccine to prevent breast cancer.

**Nontoxic Blood Cancer Treatment**
Yogen Saunthararajah, MD
Developing a pill to target specialized genes and stop cancer cell division to treat leukemia and possibly other types of cancer.

**Cell Replacement Therapy for Diabetes**
Jan Jensen, PhD
Developing new human beta cells that, when encapsulated, can be placed under the skin to normalize blood glucose by secreting insulin.

**Preventing Heart Disease**
Stanley Hazen, MD, PhD
Developing treatments for micro-organisms in the digestive tract that contribute to heart disease.

**Treating Alzheimer’s**
Bruce Lamb, MD
Working to identify a gene responsible for blocking Alzheimer’s disease symptoms to develop novel therapeutic targets for treatment.

**Detecting and Treating Prostate Cancer**
Robert Silverman, PhD
Developing better screening methods, such as a simple blood test, to detect the retrovirus XMRV, linked to prostate cancer, and new therapies to prevent tumor growth.

Continued on back
Advanced Orthopaedic Imaging
Joseph Iannotti, MD
Developing a new clinical research center using leading-edge and newly developed imaging technologies to study the causes of joint replacement failure leading to improved longevity and function of joint replacements.

Treating MS
Michael Modic, MD, and Richard Rudick, MD
Groundbreaking clinical trial investigating whether transplantation of the body's own stem cells can repair the damaged nervous system in patients with MS, possibly leading to recovery.

Detecting Brain Trauma
Charles Bernick, MD, and Michael Phillips, MD
Controlled study of boxers and mixed martial arts fighters to help determine the effects of repeated head trauma; has implications for other sports and the military.

Improving Organ Viability for Transplantation
Cristiano Quintini, MD
With the pressing shortage of organs for transplantation, novel technology will allow organs that otherwise might not be suitable for transplantation to be rejuvenated and repaired for use.

Helping the Heart
William A. Smith, D.Eng.
Developing a cardiac assist device that fits babies and children, yet still provides enough blood flow assistance in adults.

3-Dimensional Printing for Liver Transplant
Nizar Zein, M.D.
Exploring the use of innovative 3-D printing technology to create customized models of patients’ livers for planning liver transplantation and resection procedures.

Treating Cancer with Nanomedicine
Vinod Labhasetwar, PhD
Conducting research involving coating nanoparticles with cancer-killing drugs and injecting them directly into the bloodstream. Early studies show this can prevent cancer from growing and spreading.
H.H. Sheikh Nahayan Mabarak Al Nahayan, *Chairman*
*Abu Dhabi*

Victor L.L. Chu  
*Hong Kong*

Rick Gerson  
*USA*

David Graham  
*UK*

Luis Rojas Grullon  
*Dominican Republic*

Rajinder Gupta  
*India*

Nazek Rafik Hariri  
*Lebanon*

Eduardo Hochschild  
*Peru*

Mohammed and Mrs. Hoda Kanoo  
*Abu Dhabi*

Samer Khoury  
*Greece*

Taha Mikati  
*Lebanon*

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Pramod Mittal  
*UK*

Ricardo Poma  
*El Salvador*

*USA*

Olegario Vasquez Rana  
*Mexico*

Eric Samson  
*South Africa*

Nassef Sawiris  
*Egypt*

Yousriya Loza-Sawiris  
*Egypt*

Edward Story  
*UK*

H. Ersin Takla  
*Turkey*

Ratan Tata  
*India*

Ambassador William R. Timken  
*USA*

Ivica Todoric  
*Croatia*

Abdallah Yabroudi  
*Dubai*

Rana Zein  
*Greece*
Giving to Cleveland Clinic

To make a contribution or for more information, please contact

Bishoy M. Mikhail, Senior Director, International Development at:
+1 (216) 444-1855 or mikhaib@ccf.org

WIRE TRANSFER INSTRUCTIONS

CLEVELAND CLINIC GIFT ACCOUNT
PNC Bank
1900 East 9th Street
Cleveland, OH 44114

SWIFT CODE: PNCCUS33
ABA #041000124
Account Name: Cleveland Clinic Gift Account
A/C # 4224772817

Reference: International Research & Innovations Fund
attn: Bishoy M. Mikhail
Because of philanthropic funding, research at Cleveland Clinic is saving lives.

– Nizar Zein, MD, staff, Digestive Disease Institute, holder of the
  Mikati Foundation Endowed Chair in Liver Disease and Liver Transplantation
  and Medical Director, Karim Toueg International Fellowship in Hepatology

To discuss philanthropic opportunities at Cleveland Clinic,
please call Institutional Relations and Development 001.216.444.1425

Cleveland Clinic

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On the cover: A detail from the Glickman Urological & Kidney Institute building.