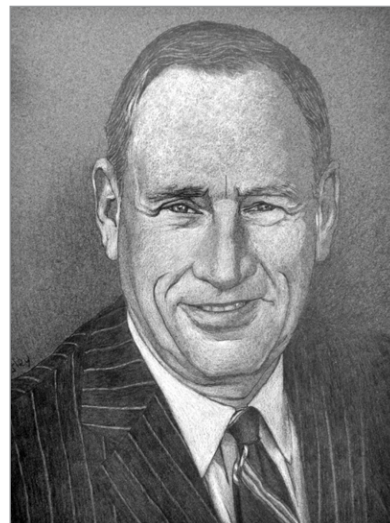


Texas Heart Institute Medal and the Ray C. Fish Award for Scientific Achievement in Cardiovascular Diseases

Ray C. Fish (1902–1962) was a leading figure in Houston's natural gas industry and a philanthropist. He believed in the American dream of "opportunity for success." The Ray C. Fish Foundation was established so that others might be encouraged to broaden man's self-knowledge and to keep the American dream alive. After its founder's death from heart disease, the Fish Foundation granted \$5 million to make the Texas Heart Institute a reality. For this reason, the Institute's highest professional award is given in honor of this extraordinary man. The award recognizes those whose innovations have made significant contributions to cardiovascular medicine and surgery.

The first Texas Heart Institute Medal and Ray C. Fish Award for Scientific Achievement in Cardiovascular Diseases were presented in 1972 to Dr. Norman Shumway. Since 1972, 35 other highly deserving recipients have been so honored by the Institute. The complete roll of recipients appears on the next page.



Delos (Toby) Cosgrove, MD

Delos M. Cosgrove, MD

Dr. Delos (Toby) Cosgrove is president and chief executive officer of the Cleveland Clinic. He heads a \$6 billion healthcare system that comprises Cleveland Clinic, 8 community hospitals, 16 family health and surgery centers, Cleveland Clinic Florida, Lou Ruvo Center for Brain Health (Las Vegas), Cleveland Clinic Toronto, and Cleveland Clinic Abu Dhabi.

Dr. Cosgrove received his medical degree from the University of Virginia School of Medicine and completed training at Massachusetts General Hospital and at Brook General Hospital in London. He earned his undergraduate degree from Williams College in Williamstown, Massachusetts. In 1967, he was a surgeon in the U.S. Air Force, serving in Da Nang, Vietnam. He was awarded the Bronze Star and Republic of Vietnam Commendation Medal.

Dr. Cosgrove joined the Cleveland Clinic in 1975 and was named Chairman of the Department of Thoracic and Cardiovascular Surgery in 1989. He performed more than 22,000 operations and earned international recognition in cardiac valve surgery before his retirement in 2006. He holds 30 patents for medical innovations.

He has received numerous awards and is ranked among *Modern Healthcare's* "100 most powerful people in healthcare" and "most powerful physician executives." His book, *The Cleveland Clinic Way*, was published by McGraw-Hill Education in 2014.

ROLL OF RECIPIENTS

*of the Texas Heart Institute Medal and the Ray C. Fish Award
for Scientific Achievement in Cardiovascular Diseases*

- | | | | |
|------|---|------|--|
| 1972 | Norman E. Shumway
Cardiovascular Surgery (<i>Heart Transplantation</i>) | 1997 | Julio C. Palmaz
Radiology (<i>Endovascular Stents</i>) |
| 1973 | F. Mason Sones, Jr.
Cardiology (<i>Coronary Angiography</i>) | 1998 | Magdi Yacoub
Cardiovascular Surgery (<i>Heart-Lung Transplantation</i>) |
| 1974 | Eugene E. Braunwald
Physiology (<i>Myocardial Preservation</i>) | 1999 | Thomas J. Fogarty
Cardiovascular Surgery (<i>Medical and Surgical Devices</i>) |
| 1975 | Willem J. Kolff
Cardiovascular Surgery (<i>Artificial Organs</i>) | 2004 | James L. Cox
Cardiovascular Surgery (<i>Surgery for Atrial Fibrillation</i>) |
| 1976 | Harvey Feigenbaum
Cardiology (<i>Echocardiography</i>) | 2004 | Stephen Westaby
Cardiovascular Surgery (<i>First Clinical Trial of Axial-Flow Devices for Destination Therapy and Significant Contributions to the Surgical Literature</i>) |
| 1977 | John W. Kirklin
Cardiovascular Surgery (<i>Heart-Lung Machines</i>) | 2007 | Charles E. Mullins
Pediatric Cardiology (<i>Teaching and Pioneering Work in Interventional Techniques for Congenital Heart Disease</i>) |
| 1978 | Bernard Lown
Cardiology (<i>Cardiac Arrhythmias</i>) | 2008 | O.H. Frazier
Cardiovascular Surgery (<i>Heart Transplantation and Research and Development of the Left Ventricular Assist Device</i>) |
| 1979 | John J. Gallagher and William C. Sealy
(co-recipients)
Cardiology and Cardiovascular Surgery (<i>Surgery for Pre-Excitation</i>) | 2009 | James T. Willerson
Cardiology (<i>Pioneering Work in Unstable Atherosclerotic Plaques, Acute Coronary Syndromes, and Cardiac Stem Cells</i>) |
| 1980 | W. Proctor Harvey
Cardiology (<i>Clinical Practice and Teaching</i>) | 2010 | Charles D. Fraser, Jr.
Cardiovascular Surgery (<i>Development of a Program Known for Its Effectiveness in Correcting Congenital Cardiovascular Disease in Children</i>) |
| 1981 | Paul M. Zoll
Cardiology (<i>Pacemaking</i>) | 2011 | Patrick W. Serruys
Interventional Cardiology (<i>Major Contributions to Interventional Cardiology, Including Those to the Development of Both Bare-Metal and Drug-Eluting Stents</i>) |
| 1983 | Andreas R. Grüntzig
Cardiology (<i>Percutaneous Transluminal Coronary Angioplasty</i>) | 2012 | George J. Reul
Cardiac and Vascular Surgery (<i>Development of an Accredited Vascular Lab at SLEH; Leader in Quality Measures</i>) |
| 1984 | Hein J.J. Wellens and Douglas P. Zipes
(co-recipients)
Cardiology (<i>Diagnosis and Management of Pediatric Cardiac Arrhythmias</i>) | 2013 | Alain G. Cribier
Interventional Cardiology (<i>First Balloon Dilation of Aortic Valve for Calcific Aortic Stenosis, 1985; and First Implantation of a Prosthetic Aortic Valve via Cardiac Catheterization, 2002</i>) |
| 1985 | Denton A. Cooley
Cardiovascular Surgery (<i>Surgery for Congenital Heart Disease, Aneurysms of the Aorta, and Implantation of the Artificial Heart</i>) | 2014 | Terence English
Cardiovascular Surgery (<i>Establishing Heart Transplantation Program in England</i>) |
| 1986 | William J. Rashkind
Pediatric Cardiology (<i>Nonsurgical Treatment of Congenital Heart Disease</i>) | 2015 | Delos M. Cosgrove
Cardiovascular Surgery (<i>Significant Contributions to Cardiac Valve Repair</i>) |
| 1987 | Dwight E. Harken
Cardiovascular Surgery (<i>Intracardiac Surgery</i>) | | |
| 1988 | J. Willis Hurst
Cardiology (<i>Writing and Teaching</i>) | | |
| 1989 | Robert J. Hall
Cardiology (<i>Clinical Practice and Teaching</i>) | | |
| 1990 | Sol Sherry
Cardiology (<i>Thrombolytic Therapy</i>) | | |
| 1992 | Arthur S. Keats
Cardiovascular Anesthesiology | | |
| 1997 | Aldo R. Castañeda
Pediatric Cardiovascular Surgery | | |