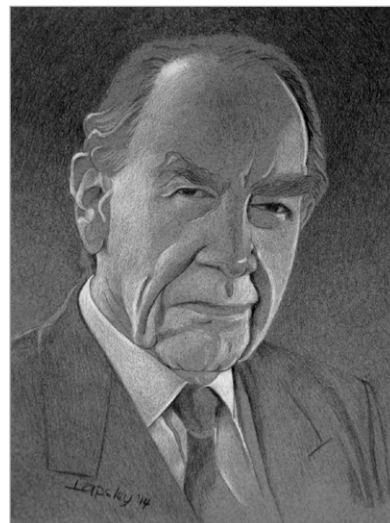


# Texas Heart Institute Medal and the Ray C. Fish Award for Scientific Achievement in Cardiovascular Diseases

**R**ay 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, 34 other highly deserving recipients have been so honored by the Institute. The complete Roll of Recipients appears on the next page.



Sir Terence English, KBE, FRCS, FRCP

## Sir Terence English, KBE, FRCS, FRCP

The 2014 Fish Award recipient is Sir Terence English, KBE, FRCS, FRCP, who was responsible for establishing the internationally renowned heart transplant program at Papworth Hospital near Cambridge, England, where he performed Britain's first successful heart transplant in 1979.

Terence English was born in South Africa in 1932 and was educated at Hilton College in Natal. He pursued a BSc in Mining Engineering at the University of the Witwatersrand in Johannesburg. However, shortly before completing his degree, he decided that he would rather be a doctor, and a small inheritance enabled him to study medicine at Guy's Hospital in London.

In 1973, Sir Terence was appointed Consultant Cardiothoracic Surgeon to Papworth and Addenbrooke's Hospitals in Cambridge. Having become aware of the good results being achieved with heart transplantation at Stanford University in California, he decided that this procedure should be available to British patients. In due course, Papworth became a national center for heart and lung transplantation.

In 1989, he became President of The Royal College of Surgeons and was later described in the *BMJ* publication (1997) "With Head and Heart and Hands" as "perhaps the best president of the medical royal colleges since the war." He was elected Master of St. Catharine's College, Cambridge, in 1993; Deputy Lieutenant of Cambridgeshire in 1995; and President of the British Medical Association in 1995. He retired in 2000 and has remained involved with various charities.

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