

# *Texas Science Hall of Fame*

Recognition by Texas Governor Rick Perry  
The State Capitol, Governor's Reception Room  
Austin, Texas,  
January 16, 2001



*Dr. and Mrs. Kamil A. Jbeily with Governor Perry*

# Texas Science Hall of Fame

Recognition by The Texas Senate  
and The House of Representatives  
State Capitol, Senate and House Chambers  
Austin, Texas, January 16, 2001



*Dr. Ibeily with  
Senator Judith Zaffirini*



*Senator Jane Nelson  
congratulating Dr. Ibeily*



*Dr. Jack Christie, Astronaut John Blaha, Dr. Kamil A. Ibeily,  
Astronaut Charles Duke, and Jack Kilby in the House Chamber*



*Dr. Ibeily and Other Honorees,  
Senate Chamber*

# Texas Science Hall of Fame

Recognition by The Texas Senate  
and The House of Representatives  
State Capitol, Senate and House Chambers  
Austin, Texas, January 16, 2001



*Dr. Ibeiy with Lieutenant Governor Bill Ratliff  
Lieutenant Governor's Reception Room*



*Dr. Ibeiy and  
Senator Leticia Van de Putte*



*Dr. Ibeiy and  
Senator David Bernson*



*Dr. Ibeiy and Other Honorees Receiving  
Senators' Congratulations*

[More on "Texas Science Hall of Fame: Recognition by Governor, State Senate and House"](#)



# Texas Science Hall of Fame

Recognition by The Texas House of Representatives  
State Capitol, House Chamber  
Austin, Texas  
January 16, 2001



*Speaker of the House Pete Laney Presiding the Recognition in The House Chamber*

# Texas Science Hall of Fame

Recognition by The Texas Senate  
State Capitol, Austin, Texas  
January 16, 2001



*In the senate chamber from left to right: Senator David Cain/resolution sponsor, Dr. Bernard Harris, Charles Duke, Dr. Jack Christie, Dr. William C. Davis, Dr. Manuel P. Berrizabal, Lt. Governor Bill Ratliff, Dr. Robert E. Curl, Dr. Gerald D. Skoog, Jack S. Kilby, Arleen Lawson, Dr. Kamil A. Jbeily, John Blaha, and Eugene A. Cernan*

# Texas Science Hall of Fame

Recognition by The Texas Senate  
and The House of Representatives  
State Capitol, Senate and House Chambers  
Austin, Texas, January 16, 2001



*Dr. Ibeiy with  
Senator Judith Zaffirini*



*Senator Jane Nelson  
congratulating Dr. Ibeiy*



*Dr. Jack Christie, Astronaut John Blaha, Dr. Kamil A. Ibeiy,  
Astronaut Charles Duke, and Jack Kilby in the House Chamber*



*Dr. Ibeiy and Other Honorees,  
Senate Chamber*

# Texas Science Hall of Fame

Recognition by The Texas Senate  
and The House of Representatives  
State Capitol, Senate and House Chambers  
Austin, Texas, January 16, 2001



*Dr. Ibeily with  
Senator Buster Brown*



*Mrs. Ibeily and Lieutenant Governor Ratliff,  
Lieutenant Governor's Reception Room*



***Governor Perry and Honorees***

*From left to right, Dr. Gerald D. Skoog, Eugene Cernan  
John Blaha, Charles Duke, Dr. Ibeily, Governor Perry,  
and Representative Ruth Jones McClendon,*



*Senator Jane Nelson, Dr. Ibeily and John Blaha*



## TEXAS SCIENCE SUMMIT®

201 W. Sheridan St. • San Antonio, Texas 78204-1429 • 210/208-8133 • FAX: 210/208-8004 • [www.texas-science-summit.org](http://www.texas-science-summit.org)

Joan Drennan-Taylor  
Executive Director

December 14, 2000

Dr. Kamil A. Jbeily  
Texas Regional Collaboratives for Excellence in Science Teaching  
University of Texas at Austin  
Science Education Center, SZB 340  
Austin, Texas 78712

Dear Kamil,

The Texas State Senate and the Texas State House of Representatives will recognize the Texas Science Hall of Fame Charter Members on January 16, 2001. The ceremony will take place both in the House and Senate Chambers in Austin, Texas. Please arrive at the Capitol Rotunda by 9:30 a.m. This recognition will be sponsored in the Texas State Senate by Senator David Cain and the recognition in the Texas House of Representatives will be sponsored by Representative Ruth Jones McClendon.

As a Charter Member of the Texas Science Hall of Fame, we hope you will be able to attend and be recognized for your outstanding accomplishments. We know you have busy schedules, but hope your schedule will allow you to be in Austin for this momentous event. We look forward to seeing you there.

Please contact us at 210-208-8133 and let us know if you will be able to participate in this special honor to you from our elected officials.

Sincerely,

Joan Drennan-Taylor

c: A.J. Seelhammer

*Sponsored by the Center for Leadership in Science, Mathematics and Technology*





**John Blaha**  
Colonel, USAF, (Retired)  
NASA Astronaut



**Eugene A. Cernan**  
Capt., USN (Retired)  
Chairman-Johnson Eng. Corp.  
NASA Astronaut

## TEXAS SCIENCE HALL OF FAME CHARTER MEMBERS



**Charles Duke**  
Brigadier General in U.S. Air Force Reserve  
NASA Astronaut



**Dr. Bernard Harris**  
Vice President- SPACEHAB Inc.  
NASA Astronaut



**Dr. William C. Davis**  
St. Philip's College  
Professor of Natural Sciences



**Dr. Gerald D. Skoog**  
Texas Tech University  
Professor of Science Education



**Dr. Robert F. Curl**  
Rice University  
Nobel Laureate in Chemistry



**Dr. Richard E. Smalley**  
Rice Quantum Institute  
Nobel Laureate in Chemistry



**Dr. Kamil A. Jbeily**  
Texas Regional Collaboratives  
Founder and Director



**Dr. Denton A. Cooley**  
Texas Heart Institute  
Cardiovascular Research Specialist  
and Surgeon



**Dr. Michael E. DeBakey**  
DeBakey Heart Center  
Pioneer in Heart and Vascular Surgery



**Dr. Steven Weinberg**  
The University of Texas at Austin  
Nobel Laureate in Physics



**Dr. Jack Christie**  
Texas State Board of Education  
Former Chairman



**Ed Ahnert**  
ExxonMobil Foundation  
President



**Jack S. Kilby**  
Texas Instrument (Retired)  
Inventor of the Integrated Circuit



**Dr. Manuel P. Berrioizabal**  
Texas PreFreshman Engineering Program  
Coordinator

[Dr. Jbeily's Homepage](#) | [Hall of Fame](#)

## Letter from Senator David Cain, July 17, 2001

- [Senate Resolution 7](#)
- [Photographs in the Capitol](#)
- [Senate Journal](#)
- [House Journal](#)
- [Update from Sen. David Cain](#)



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TEXAS LEGISLATIVE COUNCIL, *Member*



DAVID CAIN  
STATE SENATOR

DISTRICT OFFICES

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PHONE: 903/526-3334  
FAX: 903/526-3332

July 17, 2001

Dr. Kamil A. Jbeily  
Texas Regional Collaborative  
1912 Speedway SZB 340  
Austin, TX 78712

Dear Dr. Jbeily,

Please accept my most sincere and extremely belated thanks for being here in January to celebrate Texas Science Hall of Fame Day at the Capitol. It was such an honor to have you here and to give the members of the Legislature the opportunity to honor you for your outstanding contributions to science and, in turn, to the state of Texas.

During your visit, and as I had the opportunity to talk to you and your fellow inductees, I became even more in awe of the intellectual prowess and dedication of the group. The Texas Science Hall of Fame Class of 2000 are true heroes and stellar role models for our youth. Not only have you obtained great things in the realm of science, but you have laid the ground work for future discoveries by inspiring our children to take the math and science courses that will lead to other great discoveries that will benefit mankind.

Enclosed please find copies of the photos taken during your visit as well as copies of Senate Resolution 7 and the Senate and House Journals from the day of your visit. If you need extra copies of any of these items, please feel free to call Carolyn Lyons at 800/736-2246 and she will be more than happy to help you. I sincerely apologize for our tardiness in getting these items to you -- Senate Media's backlog of photo orders from the session was enormous and my Capitol staff has been a little short-handed since the session, so it has taken more time than we would have liked to handle the mailouts.

Thank you again for the honor of hosting you here at the Capitol along with Representative Ruth Jones McClendon. It was an historic day for the Legislature and one I will long remember.

Sincerely,

A handwritten signature in dark ink that reads "David Cain".

David H. Cain  
State Senator

DISTRICT 2 INCLUDES FANNIN, HUNT, KAUFMAN, RAINS, VAN ZANDT AND WOOD COUNTIES  
AND PORTIONS OF DALLAS, ELLIS, ROCKWALL AND SMITH COUNTIES  
1-800-SEN-CAIN



# The Senate of The State of Texas

## SENATE RESOLUTION NO. 7

WHEREAS, The Senate of the State of Texas is pleased to recognize the Charter Inductees of the Texas Science Hall of Fame who were installed on January 17, 2000; the inductees were honored at that time with a banquet in San Antonio; and

WHEREAS, The Texas Science Hall of Fame was created in January, 2000, as a means of recognizing Texans who have played a major part in significant scientific accomplishments in the state; and

WHEREAS, Among the members are Nobel Laureates, renowned educators, inventors, researchers, and two famous heart surgeons, all of whom reside in this state; and

WHEREAS, The charter members of the Hall of Fame are:  
Dr. Manuel P. Berriozabal, Colonel John Blaha, Dr. William C. Davis, Brigadier General Charles Moss Duke, Jr., Captain Eugene A. Cernan, Dr. Jack Christie, Dr. Denton Cooley, Dr. Robert F. Curl, Dr. Michael DeBakey, Dr. Bernard A. Harris, Jr., Jack St. Clair Kilby, Dr. Richard E. Smalley, Dr. Gerald D. Skoog, Dr. Steven Weinberg, and three organizations known for their support of science education, the ExxonMobil Foundation, the Texas Prefreshman Engineering Program (TEX Prep), and the Texas Regional Collaborative for Excellence in Science Teaching; and

WHEREAS, Celebrating the accomplishments of notable science achievers from Texas and underscoring the importance of science education for our future, membership in the Texas Science Hall of Fame tells the world about the excellence of these persons and groups who shape our world; now, therefore, be it



RESOLVED, That the Senate of the State of Texas,  
77th Legislature, hereby congratulate and commend the 17 charter  
inductees of the Texas Science Hall of Fame for their service to  
the citizens of Texas and the world; and, be it further

RESOLVED, That a copy of this Resolution be prepared  
for them as an expression of highest regard and esteem from the  
Texas Senate.

Armbrister  
Barrientos  
Bernsen  
Bivins  
Brown  
Carona  
Duncan  
Ellis  
Fraser  
Gallegos

Harris  
Haywood  
Jackson  
Lindsay  
Lucio  
Madla  
Moncrief  
Nelson  
Ogden

Cain  
Shapiro  
Shapleigh  
Sibley  
Staples  
Truan  
Van de Putte  
Wentworth  
West  
Whitmire  
Zaffirini

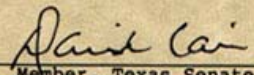
Ratliff, President of the Senate



  
President of the Senate

I hereby certify that the above  
Resolution was adopted by the Senate  
on January 16, 2001.

  
Secretary of the Senate

  
Member, Texas Senate









# SENATE JOURNAL

SEVENTY-SEVENTH LEGISLATURE — REGULAR SESSION

AUSTIN, TEXAS

## PROCEEDINGS

### FOURTH DAY

(Tuesday, January 16, 2001)

Senator Cain offered the following resolution:

WHEREAS, The Senate of the State of Texas is pleased to recognize the Charter Inductees of the Texas Science Hall of Fame who were installed on January 17, 2000; the inductees were honored at that time with a banquet in San Antonio; and

WHEREAS, The Texas Science Hall of Fame was created in January, 2000, as a means of recognizing Texans who have played a major part in significant scientific accomplishments in the state; and

WHEREAS, Among the members are Nobel Laureates, renowned educators, inventors, researchers, and two famous heart surgeons, all of whom reside in this state; and

WHEREAS, The charter members of the Hall of Fame are: Dr. Manuel P. Berriozabal, Colonel John Blaha, Dr. William C. Davis, Brigadier General Charles Moss Duke, Jr., Captain Eugene A. Cernan, Dr. Jack Christie, Dr. Denton Cooley, Dr. Robert T. Curl, Dr. Michael DeBakey, Dr. Bernard A. Harris, Jr., Jack St. Clair Kilby, Dr. Richard E. Smalley, Dr. Gerald D. Skoog, Dr. Steven Weinberg, and three organizations known for their support of science education, the ExxonMobil Foundation, the Texas Prefreshman Engineering Program (TEX Prep), and the Texas Regional Collaborative for Excellence in Science Teaching; and

WHEREAS, Celebrating the accomplishments of notable science achievers from Texas and underscoring the importance of science education for our future, membership in the Texas Science Hall of Fame tells the world about the excellence of these persons and groups who shape our world; now, therefore, be it

RESOLVED, That the Senate of the State of Texas, 77th Legislature, hereby congratulate and commend the 17 charter inductees of the Texas Science Hall of Fame for their service to the citizens of Texas and the world; and, be it further

RESOLVED, That a copy of this Resolution be prepared for them as an expression of highest regard and esteem from the Texas Senate.

The resolution was read.

On motion of Senator Truan and by unanimous consent, the names of the Lieutenant Governor and Senators were added to the resolution as signers thereof.

On motion of Senator Cain, the resolution was adopted by a rising vote.



# HOUSE JOURNAL

SEVENTY-SEVENTH LEGISLATURE, REGULAR SESSION

## PROCEEDINGS

FOURTH DAY — TUESDAY, JANUARY 16, 2001

### INTRODUCTION OF GUESTS

The speaker recognized Representative McClendon, who introduced members of the Texas Science Hall of Fame. The charter members of the Texas Science Hall of Fame were introduced as follows:

Dr. Manuel Berriozabal of San Antonio, founder and director of the San Antonio Prefreshman Engineering Program, which identifies high-achieving middle and high school students from the San Antonio area who have an interest in careers in engineering, science technology, or math.

Retired Air Force Colonel John Blaha of San Antonio, logged 161 days in space, served as spacecraft commander on two shuttle missions, pilot on two shuttle missions, mission specialist on two shuttle missions, and spent four months aboard the Russian space station Mir.

Captain Eugene A. Cernan of Webster, commander of Apollo 17, the last and longest lunar mission, which covered a record 30 kilometers of the lunar surface and returned over 220 pounds of lunar material to the earth, also a record.

Dr. Jack Christie of Houston, former chair of the State Board of Education and instrumental in the effort to raise science standards in Texas.

Dr. Robert T. Curl of Houston, Nobel laureate in chemistry, received the award in 1996 for the discovery of fullerenes, a form of carbon useful in producing highly effective lubricants and superconducting materials.

Dr. William Davis of San Antonio, chair of the St. Phillips College chemistry department, conducted food research that led to such breakthroughs as instant mashed potatoes and wood-sugar based glues.

Charles Duke, Jr., of New Braunfels, lunar module pilot of Apollo 16, the fifth manned lunar landing mission, which was the first scientific expedition to inspect, survey, and sample materials and surface features in the Descartes region of the rugged lunar highlands.

Bernard Harris, Jr., M.D., of Temple, first African-American to walk in space, veteran of two space flights, logged more than 438 hours in space, and was the payload commander on the first flight of the joint Russian-American Space Program.

Jack Kilby of Dallas, Nobel laureate in physics for 2000, whose work has laid the foundations of modern information technology, through the invention of rapid transistors, laser diodes, and integrated circuits (chips).

Dr. Gerald Skoog of Lubbock, professor of science education at Texas Tech University, who has conducted innovative research into evolution education.

Also introduced were two organizational members of the Hall of Fame.

The ExxonMobil Foundation, Irving, represented by Arlene Lawson, supports science education initiatives in Texas. In 1998, the foundation awarded grants totaling over \$19.9 million in science and math education.

The Texas Regional Collaboratives for Excellence in Science Teaching, Austin, represented by Kamil Jbeily, provides professional development support systems for Texas science teachers.



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*Introducing the  
Charter Members  
of the  
Texas Science  
Hall of Fame*

January 1999 saw the beginning of a new chapter in science education in Texas. The first ever Texas Science Summit was held in San Antonio. Its goal was to bring together all "stakeholders" in science education in the state to map out a plan of action for improving the teaching and learning of science and math. Summit '99 was an unqualified success, drawing more than 300 participants and focusing the spotlight on key issues. As a result of the dedicated efforts of those at the Summit and other partners, a number of strides were made during the 1999 Texas Legislative session toward higher graduation standards, improved assessment and better pay and support for teachers.

In light of these successes, planning began for a second Texas Science Summit to continue the momentum of the first Summit and to assess achievements and set new goals. The planning committee for the Texas Science Summit 2000 envisioned the Texas Science Hall of Fame as a means of acknowledging Texans who have played a major role in significant scientific accomplishments recognized nationally and globally. Recognition of Texas' premier scientific achievers would also inspire teachers and students alike.

Nominations for the Texas Science Hall of Fame were sought from many areas of scientific endeavor. Sixteen of the nominees will be inducted as charter members of the Texas Science Hall of Fame January 17, 2000 at the Texas Science Summit 2000. They will be joined in the years to come by more of the brightest stars in science from across our state.



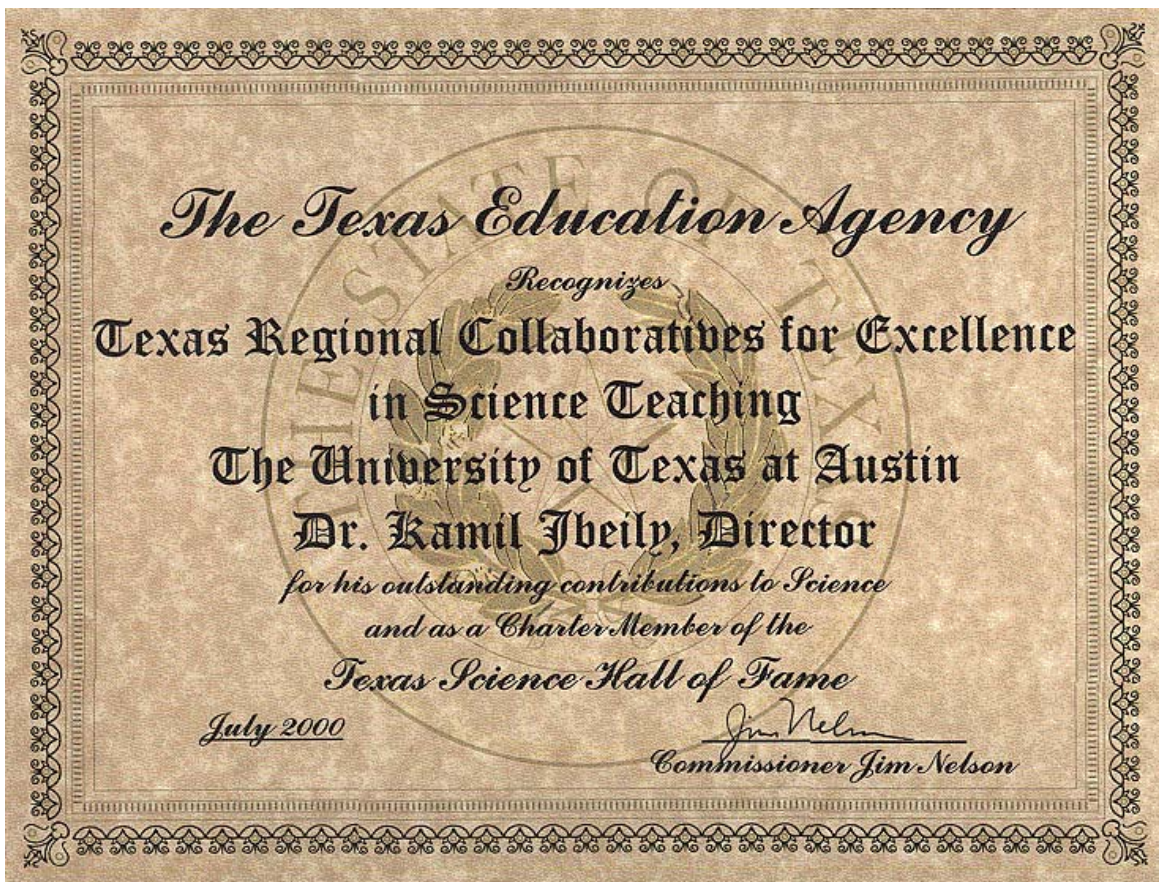
*Texas Regional Collaboratives  
for Excellence in Science Teaching  
Dr. Kamil A. Ibely, Director  
The University of Texas at Austin*

*Texas Science Hall of Fame  
Charter Member*









**Dr. Kamil A. Jbeily was recognized by Commissioner Jim Nelson at the Seventh Annual Meeting of The Texas Regional Collaboratives for Excellence in Science Teaching**



**Dr. Jbeily was recognized by Commissioner Jim Nelson**

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