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Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Speechwriting, White House Office of
Series: Speech File Draft Files
Subseries: Chron File, 1989-1993

OA/ID Number: 13548
Folder ID Number: 13548-011

Folder Title:
National Medal of Science and Technology 11/13/90 [OA 6027]

Stack:	Row:	Section:	Shelf:	Position:
G	26	16	5	5

NATIONAL MEDAL OF SCIENCE & TECHNOLOGY \ THE EAST ROOM
TUESDAY, NOV. 13, 1990 \ 2:00 P.M.

THANK YOU. WE'RE PLEASED TO SEE SECRETARY MOSBACHER, SECRETARY WATKINS, DR. BROMLEY, AND ADMIRAL TRULY, HERE TO HELP US OUT. AND WE ESPECIALLY WANT TO GREET OUR HONORED GUESTS, THIS EXTRAORDINARY GATHERING OF SCIENTIFIC AND TECHNOLOGICAL GENIUS. WELCOME TO THE WHITE HOUSE -- AND WELCOME TO THE PRESENTATION OF THE 1990 NATIONAL MEDALS OF SCIENCE AND THE NATIONAL MEDALS OF TECHNOLOGY.

- 10 -

OR ALLAN CORMACK, WHOSE PIONEERING EFFORTS EARNED HIM A NOBEL PRIZE -- AND MADE "CAT-SCANS" A HOUSEHOLD WORD. AND SCHOLARS AS DIVERSE AS BOSTON'S BARUJ BENACERRAF -- OR SEATTLE'S DONNALL THOMAS / -- *Another Nobel laureate* WHOSE CONTRIBUTIONS TO IMMUNOLOGY MAY LEAD TO NEW ANSWERS IN OUR BATTLE AGAINST CANCER AND AIDS. SCIENTISTS LIKE YOU HAVE HELPED AMERICA TO UNDERSTAND THAT AIDS IS A DISEASE -- NOT A DISGRACE.

THIS GATHERING MARKS A PROUD MOMENT FOR ME -- JUST AS IT WAS WHEN THIS YEAR'S NOBEL PRIZES WERE ANNOUNCED, AND IT TURNED OUT THAT EIGHT OF THE NINE WINNERS IN SCIENCE AND ECONOMICS WERE BORN IN THE U.S.A. IT IS A TRIBUTE TO AMERICA'S FRONTIER SPIRIT, AND TO OUR NATION'S STEADFAST RESOLVE AND SENSE OF THE FUTURE. FOR WHEN IT COMES TO LEADERSHIP IN SCIENCE AND TECHNOLOGY -- BEST IN AMERICA MEANS BEST IN THE WORLD.

///

AMERICA'S TRADITION OF EXCELLENCE HAS LONG BEEN NURTURED BY A TRADITION OF FREE INQUIRY -- AIMED AT THE SIMPLE GOAL OF BETTER UNDERSTANDING OURSELVES AND OUR WORLD. IN THE 1945 REPORT THAT LED TO THE FOUNDING OF THE N.S.F., THE NATIONAL SCIENCE FOUNDATION, VANNEVAR BUSH WROTE THAT: "AS LONG AS SCIENTISTS ARE FREE TO PURSUE THE TRUTH WHEREVER IT MAY LEAD, THERE WILL BE A FLOW OF NEW SCIENTIFIC KNOWLEDGE TO THOSE WHO CAN APPLY IT TO PRACTICAL PROBLEMS."

AND SO IT IS TODAY. MORE AND MORE, NEARLY EVERY PRODUCT, FROM ELECTRONICS TO AGRICULTURE, INCORPORATES THE LATEST IN TECHNOLOGY. AND MORE AND MORE, OUR NATION DEPENDS ON BASIC SCIENTIFIC RESEARCH TO SPUR ECONOMIC GROWTH, LONGER AND HEALTHIER LIVES, A MORE SECURE WORLD, AND A SAFER ENVIRONMENT.

TODAY, OUR GOVERNMENT MUST HELP CARRY THAT RESEARCH FORWARD, AND CONTRIBUTE TO THE DEVELOPMENT OF GENERIC TECHNOLOGIES THAT BUILD ON BASIC DISCOVERIES.

IF AMERICA IS TO MAINTAIN AND STRENGTHEN OUR COMPETITIVE POSITION, WE MUST CONTINUE NOT ONLY TO CREATE NEW TECHNOLOGIES, BUT LEARN TO MORE EFFECTIVELY TRANSLATE THOSE TECHNOLOGIES INTO COMMERCIAL PRODUCTS. IN THIS WAY, WE CAN HELP LEVERAGE THE R & D OF THE PRIVATE SECTOR -- HELPING WHOLE INDUSTRIES ADVANCE IN AN INCREASINGLY COMPETITIVE GLOBAL MARKET.

THE BUDGET HIGHLIGHTS OUR ADMINISTRATION'S COMMITMENT TO SCIENCE AND TECHNOLOGY.

WE WON DOUBLE-DIGIT INCREASES FOR BOTH NASA AND THE N.S.F., AND EXPANDED FUNDS TO INVESTIGATE GLOBAL CLIMATE CHANGE. WE REMAIN COMMITTED TO DOING EVEN MORE: DOUBLING THE N.S.F. BUDGET OVER FIVE YEARS, AND EXTENDING THE TAX CREDIT FOR R & E -- RESEARCH AND EXPERIMENTATION.

**AND WE'RE GOING TO KEEP RAISING AMERICA'S SIGHTS: SPACE STATION FREEDOM WILL GIVE US A PERMANENT PRESENCE IN EARTH ORBIT, AND THE SPACE EXPLORATION INITIATIVE WILL TAKE US TO THE MOON AND MARS AND BEYOND -- BACK TO SPACE, BACK TO THE FUTURE, AND THIS TIME -- BACK TO STAY. **

30 YEARS FROM NOW, WHEN THE NOBEL PRIZES ARE ANNOUNCED -- I WANT AMERICA TO BE WELL-REPRESENTED.

AND 30 YEARS FROM NOW, WHEN THE MEDALS OF SCIENCE AND OF TECHNOLOGY ARE BESTOWED -- I WANT TO SEE AMERICA GRACED BY A GROUP AS ACCOMPLISHED AS THAT HERE TODAY.

MANY OF TODAY'S HONOREES SERVE AS PRIME EXAMPLES OF HOW WE CAN EFFECTIVELY TRANSLATE BASIC SCIENCE INTO COMMERCIAL TECHNOLOGY. I THINK OF MILLIE DRESSSELHAUS, ARGUABLY THE MOST PROMINENT WOMAN PHYSICIST AND ENGINEER OF HER GENERATION, WHOSE WORK HELPED TO REVOLUTIONIZE SEMI-CONDUCTORS.

OR ALLAN CORMACK, WHOSE PIONEERING EFFORTS EARNED HIM A NOBEL PRIZE -- AND MADE "CAT-SCANS" A HOUSEHOLD WORD. AND SCHOLARS AS DIVERSE AS BOSTON'S BARUJ BENACERRAF -- OR SEATTLE'S DONNALL THOMAS -- ANOTHER NOBEL LAUREATE -- WHOSE CONTRIBUTIONS TO IMMUNOLOGY MAY LEAD TO NEW ANSWERS IN OUR BATTLE AGAINST CANCER AND AIDS. SCIENTISTS LIKE YOU HAVE HELPED AMERICA TO UNDERSTAND THAT AIDS IS A DISEASE -- NOT A DISGRACE.

AND SCIENTISTS LIKE YOU HAVE HELPED AMERICA TO APPRECIATE OUR RESPONSIBILITY TO THOSE WHO ARE LIVING WITH HIV AND AIDS: THEY DESERVE OUR COMPASSION. THEY DESERVE OUR CARE. AND THEY DESERVE MORE THAN A CHANCE -- THEY DESERVE A CURE. \\\

ANOTHER LEGACY OF THESE PRESTIGIOUS MEDALS AND THE WORK THEY HONOR MUST BE THE CULTIVATION OF EXCELLENCE IN SCIENCE AND MATH IN CLASSROOMS ACROSS AMERICA.

THE NATIONAL SCIENCE SCHOLARS PROGRAM WE PROPOSED SOON AFTER TAKING OFFICE HAS NOW BEEN ENACTED -- AND WILL ENCOURAGE BUDDING SCHOLARS OF TODAY TO BECOME THE SCIENTISTS OF TOMORROW. GUIDING OUR EFFORTS IS AN AMBITIOUS BUT CRITICAL GOAL FOR THIS DECADE: "BY THE YEAR 2000, U.S. STUDENTS WILL BE FIRST IN THE WORLD IN SCIENCE AND MATH."

THIS WEEK IS EDUCATION WEEK, AND ITS THEME IS
"EDUCATING EVERYONE TAKES EVERYONE" -- A FITTING MOTTO
FOR THE CHALLENGES THAT LIE AHEAD. IF WE ARE TRULY TO
REMAIN A WORLD LEADER IN SCIENCE AND TECHNOLOGY, THEN
WE MUST ACHIEVE A RENAISSANCE OF QUALITY IN OUR SCHOOLS
-- WE MUST TAP THE TALENT, ENERGY, AND COMMITMENT OF
ALL OUR FAMILIES, BUSINESSES, AND UNIVERSITIES.

THE PEOPLE WE HONOR TODAY ARE AMERICAN
TRAILBLAZERS, REAL-LIFE PIONEERS WHO PRESSED THE VERY
LIMITS OF THEIR FIELDS. YOU HAVE DISTINGUISHED NOT
ONLY YOURSELVES -- BUT ALSO YOUR NATION. AND THAT'S
WHY AMERICA CONTINUES TO NEED AND WANT -- AND
APPRECIATE -- YOUR CREATIVITY, YOUR GENIUS AND YOUR
DIVERSITY. THANK YOU. CONGRATULATIONS. AND GOD BLESS
THE UNITED STATES OF AMERICA.

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WHITE HOUSE STAFFING MEMORANDUM

90 OCT 12 P3:22

DATE: 11/10/90 ACTION/CONCURRENCE/COMMENT DUE BY: -----

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/09 draft three)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PORTER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DARMAN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGICH	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ROGERS</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DEMAREST	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>PINKERTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>BROMLEY</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	<u>FIRESTONE</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>PORTER ROSE</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HOLIDAY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS:

The attached has been forwarded to the President.

RESPONSE:

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

THE WHITE HOUSE
WASHINGTON

90 NOV -9 PM 8:30

November 9, 1990

MEMORANDUM FOR THE PRESIDENT

THROUGH: CHRISS WINSTON *cw*
FROM: EDWARD E. McNALLY *EM*
SUBJECT: NAT'L MEDALS OF SCIENCE & TECHNOLOGY

I. SUMMARY

On Tuesday, November 13, at 2:00 p.m., you will join Secretary Mosbacher, Dr. Bromley, and Admiral Truly in presenting the National Medals of Science and the National Medals of Technology to this year's 19 winners.

II. DISCUSSION

In addition to praising the honorees, these East Room remarks (7 minutes, on cards) cite the Administration's forward-looking initiatives to promote education, space, and the basic sciences. Steve Olson, of Dr. Bromley's staff, assisted in the preparation of these remarks.

McNally/Dooley
Nov. 9, 1990
Draft Three (B:SCIENCE)

PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, 2:00 P.M.

Thank you. We're pleased to see Secretary Mosbacher, Dr. Bromley, and Admiral Truly, here to help us out. And we especially want to greet our honored guests, this extraordinary gathering of scientific and technological genius. Welcome to the White House -- and welcome to the presentation of the 1990 National Medals of Science and the National Medals of Technology.

((The timing of these awards is fortuitous. A year ago this week, Barbara and I awarded medals to some of the artistic giants of our time -- Alfred Eisenstaedt, Dizzy Gillespie, and John Updike, among others. \\ And with all that assembled talent, guess what led the evening news? \\ The Rose Garden presentation of the National Turkey. \\ \\ So you're in luck -- this year the Turkey doesn't arrive until Thursday!)) \\ \\

This gathering marks a proud moment for me -- just as it was when this year's Nobel Prizes were announced, and it turned out that eight of the nine winners in science and economics were born in the U.S.A. It is a tribute to America's frontier spirit, and to our Nation's steadfast resolve and sense of the future. For when it comes to leadership in science and technology -- best in America means best in the world. \\ \\

America's tradition of excellence has long been nurtured by a tradition of free inquiry -- aimed at the simple goal of better understanding ourselves and our world. In the 1945 report that

led to the founding of the N.S.F., the National Science Foundation, Vannevar Bush wrote that: "As long as scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems."

And so it is today. More and more, nearly every product, from electronics to agriculture, incorporates the latest in technology. And more and more, our Nation depends on basic scientific research to spur economic growth, longer and healthier lives, a more secure world, and a safer environment.

Today, our government must help carry that research forward, and contribute to the development of generic technologies that build on basic discoveries. If America is to maintain and strengthen our competitive position, we must continue not only to create new technologies, but learn to more effectively translate those technologies into commercial products. In this way, we can help leverage the R & D of the private sector -- helping whole industries advance in an increasingly competitive global market.

The budget highlights our Administration's commitment to science and technology. We won double-digit increases for both NASA and the N.S.F., and expanded funds to investigate global climate change. We remain committed to doing even more: Doubling the N.S.F. budget over five years, and extending the tax credit for R & E -- research and experimentation. And we're going to keep raising America's sights: Space Station Freedom will give us a permanent presence in Earth orbit, and the Space

Exploration Initiative will take us to the Moon and Mars and beyond -- back to space, back to the future, and this time -- back to stay. \\\

30 years from now, when the Nobel Prizes are announced -- I want America to be well-represented. And 30 years from now, when the Medals of Science and of Technology are bestowed -- I want to see America graced by a group as accomplished as that here today.

Many of today's honorees serve as prime examples of how we can effectively translate basic science into commercial technology. I think of Millie Dresselhaus, arguably the most prominent woman physicist and engineer of her generation, whose work helped to revolutionize semi-conductors. Or Allan Cormack, whose pioneering efforts earned him a Nobel Prize -- and made "CAT-scans" a household word. And scholars as diverse as Boston's Baruj Benacerraf -- or Seattle's Donnall Thomas -- whose contributions to immunology may lead to new answers in our battle against cancer and AIDS. Scientists like you have helped America to understand that AIDS is a disease -- not a disgrace. And scientists like you have helped America to appreciate our responsibility to those who are living with HIV and AIDS: They deserve our compassion. They deserve our care. And they deserve more than a chance -- they deserve a cure. \\\

Another legacy of these prestigious Medals and the work they honor must be the cultivation of excellence in science and math in classrooms across America. The National Science Scholars program we proposed soon after taking office has now been enacted

-- and will encourage budding scholars of today to become the scientists of tomorrow. Guiding our efforts is an ambitious but critical goal for this decade: "By the Year 2000, U.S. students will be first in the world in science and math."

This week is Education Week, and its theme is "Educating Everyone Takes Everyone" -- a fitting motto for the challenges that lie ahead. If we are truly to remain a world leader in science and technology, then we must achieve a renaissance of quality in our schools -- we must tap the talent, energy, and commitment of all our families, businesses, and universities.

The people we honor today are American trailblazers, real-life pioneers who pressed the very limits of their fields. You have distinguished not only yourselves -- but also your Nation. And that's why America continues to need and want -- and appreciate -- your creativity, your genius and your diversity.

Thank you. Congratulations. And God bless the United States of America.

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WHITE HOUSE STAFFING MEMORANDUM

90 OCT 13 P1: 51

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PINKERTON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	FIRESTONE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	PORTER ROSE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HOLIDAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 3:00 p.m. on Friday, 11/09, with a copy to my office. Thanks.

RESPONSE:

OK SR

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

90 NOV -8 PM 6:54
PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, __:__ .M.

Thank you. We're pleased to see Secretary Mosbacher, Secretary Sullivan, and Dr. Bromley here to help us out. And we especially want to greet our honored guests, this extraordinary gathering of scientific and technological genius.

Welcome to the White House -- and welcome to the presentation of the 1990 National Medals of Science and Technology. \\\

((The timing of these awards is fortuitous. A year ago this week, Barbara and I awarded medals to some of the artistic giants of our time -- Alfred Eisenstaedt, Dizzy Gillespie, and John Updike, among others. \\\ And with all that assembled talent, guess what led the evening news? \\\ The Rose Garden presentation of the National Turkey. \\\ So you're in luck -- this year the Turkey doesn't arrive until Thursday!)) \\\

This gathering marks a proud moment for me -- just as it was when this year's Nobel Prizes were announced, and it turned out that eight of the nine winners in science and economics were born in the U.S.A. It is a tribute to America's frontier spirit, and to our Nation's steadfast resolve and sense of the future. For when it comes to science and technology -- best in America means best in the world. \\\

America's tradition of excellence has long been nurtured by a tradition of free inquiry -- aimed at the simple goal of better understanding ourselves and our world. In the 1945 report that

led to the founding of the N.S.F., the National Science Foundation, Vannevar Bush wrote that: "As long as scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems."

And so it is today. More and more, the country depends on basic scientific research to spur economic growth, longer and healthier lives, a more secure world, and a safer environment. And our government must help carry that research forward, and contribute to the development of technologies that build on basic discoveries. In this way, we can help leverage the R & D of the private sector -- helping whole industries advance in an increasingly competitive global marketplace.

The new budget highlights our Administration's commitment to science and technology. We won double-digit increases for both NASA and the N.S.F., and expanded funds to investigate global climate change. We remain committed to doing even more: Doubling the N.S.F. budget over five years, and making permanent the tax credit for R & E -- research and experimentation. And we're going to keep raising America's sights: **NASA's Space Exploration Initiative will take us to the Moon and Mars and beyond -- back to space, back to the future, and this time -- back to stay.** \\\

So in the next budget, we're going to put it to Congress again. We're going to say: "Put our money where our future is. Stop funding pork-barrel projects in your home districts and let our scientists and engineers go to work for America." \\\

30 years from now, when the Nobel Prizes are announced -- I want America to be well-represented. And 30 years from now, when the Medals of Science and Technology are bestowed, I want America to be graced by a group as accomplished as those here today.

I think of Mildred Dresselhaus, arguably the most prominent woman physicist and engineer of her generation, whose work helped to revolutionize semi-conductors. Or Allan Cormack, whose pioneering efforts earned him a Nobel Prize -- and made "CAT-scans" a household word. And scholars as diverse as Boston's Baruj Benacerraf -- or Seattle's Donnall Thomas -- whose contributions to immunology may lead to new answers in our battle against cancer and AIDS. Scientists like you have helped America to understand that AIDS is a disease -- not a disgrace. And scientists like you have helped America to appreciate our responsibility to those who are living with HIV and AIDS: They deserve our compassion. They deserve our care. And they deserve more than a chance -- they deserve a cure. \\\

Another legacy of this prestigious medal and the work it honors must be the cultivation of excellence in science and math in classrooms across America. The National Science Scholars program we proposed soon after taking office has now been enacted -- and will encourage budding scholars of today to become the scientists of tomorrow. Guiding our efforts is an ambitious but critical goal for this decade: "By the Year 2000, U.S. students will be first in the world in science and math."

This week is Education Week, and its theme is "Educating Everyone Takes Everyone" -- a fitting motto for the challenges that lie ahead. If we truly are to achieve a renaissance of quality in our schools, we must tap the talent, energy, and commitment of all our families, businesses, and universities.

The people we honor today are American trailblazers, real-life pioneers who pressed the very limits of their fields. You have distinguished not only yourselves -- but also your Nation. And that's why America continues to need and want -- and appreciate -- your creativity, your genius and your diversity.

Thank you. Congratulations. And God bless the United States of America.

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THE WHITE HOUSE

WASHINGTON

November 9, 1990

MEMORANDUM FOR CHRISS WINSTON

FROM:

ROGER B. PORTER

copy for RBP

SUBJECT:

Presidential Remarks: National Medal of Science
& Technology

We have reviewed the attached draft and have no suggested changes from a policy standpoint. We approve of the draft remarks in their present form.

cc: James W. Cicconi

90 OCT 12 P 3: 05

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, _ : _ .M.

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America's tradition of excellence has long been nurtured by a tradition of free inquiry -- aimed at the simple goal of better understanding ourselves and our world. In the 1945 report that

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led to the founding of the N.S.F., the National Science Foundation, Vannevar Bush wrote that: "As long as scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems."

And so it is today. More and more, the country depends on basic scientific research to spur economic growth, longer and healthier lives, a more secure world, and a safer environment. And our government must help carry that research forward, and contribute to the development of technologies that build on basic discoveries. In this way, we can help leverage the R & D of the private sector -- helping whole industries advance in an increasingly competitive global marketplace.

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THE WHITE HOUSE
WASHINGTON

November 9, 1990

MEMORANDUM FOR THE PRESIDENT

THROUGH: CHRISS WINSTON *cw*
FROM: EDWARD E. McNALLY *EM*
SUBJECT: NAT'L MEDALS OF SCIENCE & TECHNOLOGY

I. SUMMARY

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McNally/Dooley
Nov. 9, 1990
Draft Three (B:SCIENCE)

PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
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TUESDAY, NOV. 13, 1990, 2:00 P.M.

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Today, our government must help carry that research forward, and contribute to the development of generic technologies that build on basic discoveries. If America is to maintain and strengthen our competitive position, we must continue not only to create new technologies, but learn to more effectively translate those technologies into commercial products. In this way, we can help leverage the R & D of the private sector -- helping whole industries advance in an increasingly competitive global market.

The budget highlights our Administration's commitment to science and technology. We won double-digit increases for both NASA and the N.S.F., and expanded funds to investigate global climate change. We remain committed to doing even more: Doubling the N.S.F. budget over five years, and extending the tax credit for R & E -- research and experimentation. And we're going to keep raising America's sights: Space Station Freedom will give us a permanent presence in Earth orbit, and the **Space**

Exploration Initiative will take us to the Moon and Mars and beyond -- back to space, back to the future, and this time -- back to stay. \\\

30 years from now, when the Nobel Prizes are announced -- I want America to be well-represented. And 30 years from now, when the Medals of Science and of Technology are bestowed -- I want to see America graced by a group as accomplished as that here today.

Many of today's honorees serve as prime examples of how we can effectively translate basic science into commercial technology. I think of Millie Dresselhaus, arguably the most prominent woman physicist and engineer of her generation, whose work helped to revolutionize semi-conductors. Or Allan Cormack, whose pioneering efforts earned him a Nobel Prize -- and made "CAT-scans" a household word. And scholars as diverse as Boston's Baruj Benacerraf -- or Seattle's Donnall Thomas -- whose contributions to immunology may lead to new answers in our battle against cancer and AIDS. Scientists like you have helped America to understand that AIDS is a disease -- not a disgrace. And scientists like you have helped America to appreciate our responsibility to those who are living with HIV and AIDS: They deserve our compassion. They deserve our care. And they deserve more than a chance -- they deserve a cure. \\\

Another legacy of these prestigious Medals and the work they honor must be the cultivation of excellence in science and math in classrooms across America. The National Science Scholars program we proposed soon after taking office has now been enacted

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This week is Education Week, and its theme is "Educating Everyone Takes Everyone" -- a fitting motto for the challenges that lie ahead. If we are truly to remain a world leader in science and technology, then we must achieve a renaissance of quality in our schools -- we must tap the talent, energy, and commitment of all our families, businesses, and universities.

The people we honor today are American trailblazers, real-life pioneers who pressed the very limits of their fields. You have distinguished not only yourselves -- but also your Nation. And that's why America continues to need and want -- and appreciate -- your creativity, your genius and your diversity.

Thank you. Congratulations. And God bless the United States of America.

#

THE WHITE HOUSE

WASHINGTON

November 9, 1990

MEMORANDUM FOR THE PRESIDENT

THROUGH: CHRISS WINSTON *aw*
FROM: EDWARD E. McNALLY *EMW*
SUBJECT: NAT'L MEDALS OF SCIENCE & TECHNOLOGY

I. SUMMARY

On Tuesday, November 13, at 2:00 p.m., you will join Secretary Mosbacher, Dr. Bromley, and Admiral Truly in presenting the National Medals of Science and the National Medals of Technology to this year's 19 winners.

II. DISCUSSION

In addition to praising the honorees, these East Room remarks (7 minutes, on cards) cite the Administration's forward-looking initiatives to promote education, space, and the basic sciences. Steve Olson, of Dr. Bromley's staff, assisted in the preparation of these remarks.

McNally/Dooley
Nov. 9, 1990
Draft Three (B:SCIENCE)

PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, 2:00 P.M.

Thank you. We're pleased to see Secretary Mosbacher, Dr. Bromley, and Admiral Truly, here to help us out. And we especially want to greet our honored guests, this extraordinary gathering of scientific and technological genius. Welcome to the White House -- and welcome to the presentation of the 1990 National Medals of Science and the National Medals of Technology.

((The timing of these awards is fortuitous. A year ago this week, Barbara and I awarded medals to some of the artistic giants of our time -- Alfred Eisenstaedt, Dizzy Gillespie, and John Updike, among others. \\ And with all that assembled talent, guess what led the evening news? \\ The Rose Garden presentation of the National Turkey. \\ \\ So you're in luck -- this year the Turkey doesn't arrive until Thursday!)) \\ \\

This gathering marks a proud moment for me -- just as it was when this year's Nobel Prizes were announced, and it turned out that eight of the nine winners in science and economics were born in the U.S.A. It is a tribute to America's frontier spirit, and to our Nation's steadfast resolve and sense of the future. For when it comes to leadership in science and technology -- best in America means best in the world. \\ \\

America's tradition of excellence has long been nurtured by a tradition of free inquiry -- aimed at the simple goal of better understanding ourselves and our world. In the 1945 report that

led to the founding of the N.S.F., the National Science Foundation, Vannevar Bush wrote that: "As long as scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems."

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Thank you. Congratulations. And God bless the United States of America.

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WHITE HOUSE STAFFING MEMORANDUM

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PINKERTON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>BROMLEY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	<u>FIRESTONE</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>PORTER ROSE</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>HOLIDAY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 3:00 p.m. on Friday, 11/09, with a copy to my office. Thanks.

RESPONSE:

*See comments. Thank,
 Holly Williamson
 11-9-90*

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

90 NOV -8 PM 6:54

PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, __:__ .M.

✓
(Sullivan is out of the country)

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Welcome to the White House -- and welcome to the presentation of the 1990 National Medals of Science and Technology. \\\

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(Commerce) See attached Background memo from Commerce. Not ~~one~~ medal.

Another legacy of this prestigious medal and the work it honors must be the cultivation of excellence in science and math in classrooms across America. The National Science Scholars program we proposed soon after taking office has now been enacted -- and will encourage budding scholars of today to become the scientists of tomorrow. Guiding our efforts is an ambitious but critical goal for this decade: "By the Year 2000, U.S. students

(Energy)

will be first in the world in science and math." Here we salute the scientists & engineers at the Dept. of Energy's National Laboratories for bringing the excitement of science to our nation's teachers & students.

This week is Education Week, and its theme is "Educating
 Everyone Takes Everyone" -- a fitting motto for the challenges
 that lie ahead. If we ^{are} truly ~~are~~ to ^{remain a world leader in science + technology} ~~achieve a~~ renaissance of ^{we must} ~~achieve a~~
 quality in our schools, we must tap the talent, energy, and
 commitment of all our families, businesses, and universities.

The people we honor today are American trailblazers, real-
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 have distinguished not only yourselves -- but also your Nation.
 And that's why America continues to need and want -- and
appreciate -- your creativity, your genius and your diversity.

Thank you. Congratulations. And God bless the United
 States of America.

#

Chris

— See additional bullets supplied by Commerce
 (Attachment B).

ATTACHMENT B

Chriss:

It would be good to include some of Commerce's suggested talking points, if possible.

Thanks.

Holly
11-9-90

SUGGESTED TALKING POINTS

- ① In today's global marketplace, technology-based products are taking center stage. Nearly every product, from electronics to agriculture, incorporates the latest in technology. If America is to maintain and strengthen our competitive position, we must continue not only to create new technologies, but learn to more effectively translate those technologies into commercial products.
- We must do more to ensure that the results of basic research find their way into the world marketplace; excellence in basic research is no longer sufficient — we must also be excellent in such areas as the integration of product design, engineering, manufacturing, and marketing, and the effective use of advanced manufacturing equipment.
- We must learn to transfer technology from our federal laboratories to the private sector and on to the marketplace. Rapid changes in today's technological environment means that government, business and academia must, in partnership, make some changes. The nature and fast pace of technology makes cooperation a necessity.
- ③ The recipients of the Medal of Technology are prime examples of how American technologists have effectively translated basic science into commercial technology.
- The accomplishments of our technologists help to make our Nation more competitive internationally and to offset the trade deficit. For example, Dr. David Pall, founder of the Pall Corporation and inventor of numerous filtration devices, exports nearly 60% of his company's production.
- Also, among the National Medal of Technology winners are Jack Kilby, inventor of the integrated circuit, and John Atanasoff, inventor of the first electronic digital computer, clearly two men whose efforts have dramatically changed the face of technology.

↓ This one is probably not appropriate, Shx.

WHITE HOUSE STAFFING MEMORANDUM

30 OCT 9 4:23

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<i>N/C</i>	<input checked="" type="checkbox"/> <input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN		<input type="checkbox"/> <input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<i>N/C</i>	<input checked="" type="checkbox"/> <input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH		<input checked="" type="checkbox"/> <input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER		<input type="checkbox"/> <input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<i>N/C</i>	<input checked="" type="checkbox"/> <input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PINKERTON	<i>N/C</i>	<input checked="" type="checkbox"/> <input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BROMLEY		<input checked="" type="checkbox"/> <input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	FIRESTONE		<input type="checkbox"/> <input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	PORTER ROSE		<input type="checkbox"/> <input checked="" type="checkbox"/>
HOLIDAY <i>3:30</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON		<input type="checkbox"/> <input checked="" type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 3:00 p.m. on Friday, 11/09, with a copy to my office. Thanks.

RESPONSE:

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

90 NOV -8 PM 6:54
PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, __: __ .M.

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Welcome to the White House -- and welcome to the presentation of the 1990 National Medals of Science and ^{NATIONAL Medals of} Technology. \\\

((The timing of these awards is fortuitous. A year ago this week, Barbara and I awarded medals to some of the artistic giants of our time -- Alfred Eisenstaedt, Dizzy Gillespie, and John Updike, among others. \\\ And with all that assembled talent, guess what led the evening news? \\\ **The Rose Garden presentation of the National Turkey**. \\\ So you're in luck -- this year the Turkey doesn't arrive until Thursday!)) \\\

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And so it is today. More and more, the country depends on **basic scientific research to spur economic growth, longer and healthier lives, a more secure world, and a safer environment.** And our government must help carry that research forward, and contribute to the development of ^{generic} technologies that build on basic discoveries. In this way, we can help leverage the R & D of the private sector -- helping whole industries advance in an increasingly competitive global marketplace.

Insert on Technology
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? So in the next budget, we're going to put it to Congress again. We're going to say: "Put our money where our future is. Stop funding pork-barrel projects in your home districts and let our scientists and engineers go to work for America." \\\

Permanent presence in earth orbit and

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and technology
we must achieve
a

4

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#

ATTACHMENT A

(from page 3 of the speech)

COMMENTS ON PRESIDENTIAL REMARKS TO BE MADE AT THE NATIONAL MEDAL OF TECHNOLOGY/NATIONAL MEDAL OF SCIENCE CEREMONY

BACKGROUND

The United States is the preeminent leader in basic research and continues to excel in this area. There is, however, a critical need to improve how we translate this basic research into successful products. This requires American companies to focus on improving the management of technology.

The National Medal of Science is designed to honor those who have contributed in the areas of basic research. The separate and distinct National Medal of Technology was created to focus the nation's attention on the importance of commercializing the basic R&D conducted in private, government and university laboratories. It is important to distinguish the unique importance of each medal. The President's involvement in this area brings the vital issue of technology management to light.

I suggest that the President treat each medal separately. Note that on page 3, paragraph 3 of the draft remarks that the two are treated as a single medal. The President should state clearly that, while the U.S. is ahead in many scientific and technical fields, we must do more to ensure that the results of that R&D find their way into the world marketplace; the point being that excellence in S&T is no longer sufficient — we must effectively commercialize our laboratory discoveries.

THE WHITE HOUSE
WASHINGTON



extending the
tax ~~packages~~
credit,

not
making permanent
the tax credit

566-2867

Blair Downing



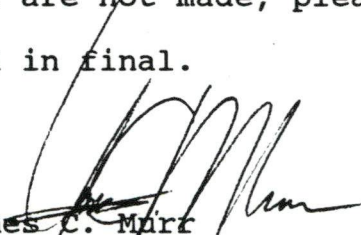
EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

90 OCT 9 P2:59

NOTICE:

Enclosed are comments from staff members of the Office of Management and Budget (OMB). Such comments do not necessarily represent the official position of the Director of OMB or of the Office of Management and Budget. If you wish to have the Director's personal comments, please let me know -- and contact me if you have any questions.

If our proposed substantive changes are not made, please let us know before the material is prepared in final.


James C. Merritt
Associate Director for
Legislative Reference
and Administration

WHITE HOUSE STAFFING MEMORANDUM

90 OCT 9 6 12:59

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
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DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>PINKERTON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>BROMLEY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	<u>FIRESTONE</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>PORTER ROSE</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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The ~~new~~ budget highlights our Administration's commitment to science and technology. We won double-digit increases for both NASA and the N.S.F., and expanded funds to investigate global climate change. ^{Even so, the Congress failed to provide the increases for basic research that we sought. To be frank, Congress let down} We remain committed to doing even more: Doubling the N.S.F. budget over five years, and making permanent the tax credit for R & E -- research and experimentation. And we're going to keep raising America's sights: *NASA's Space Exploration Initiative will take us to the Moon and Mars and beyond -- back to space, back to the future, and this time -- back to stay. |||

*NASA's Space Exploration Initiative will take us to the Moon and Mars and beyond -- back to space, back to the future, and this time -- back to stay. |||

So in the next budget, we're going to put it to Congress again. We're going to say: "Put our money where our future is. Stop funding pork-barrel projects in your home districts and let our scientists and engineers go to work for America." |||

((If you do mention SETI, insert at *
"NASA's space station Freedom will give us a permanent presence in earth orbit and..."))

Shady
45844

in NASA, in NST, in DOE -- to fund park in other areas

* Change keeps the focus on describing AIDS as a disease like other diseases - on its not being different, thus avoiding any unintentional misinterpretation that the President is making a new and unique commitment to finding a cure for one specific disease.

30 years from now, when the Nobel Prizes are announced -- I want America to be well-represented. And 30 years from now, when the Medals of Science and Technology are bestowed, I want America to be graced by a group as accomplished as those here today.

I think of Mildred Dresselhaus, arguably the most prominent woman physicist and engineer of her generation, whose work helped to revolutionize semi-conductors. Or Allan Cormack, whose pioneering efforts earned him a Nobel Prize -- and made "CAT-scans" a household word. And scholars as diverse as Boston's Baruj Benacerraf -- or Seattle's Donnall Thomas -- whose contributions to immunology may lead to new answers in our battle against cancer and AIDS. Scientists like you have helped America to understand that **AIDS is a disease -- not a disgrace**. And scientists like you have helped America to appreciate our responsibility to those who are living with HIV and AIDS: They deserve our compassion. They deserve our care. And they deserve more than a chance -- ^{like Americans afflicted with other diseases,} **they deserve a cure**. *Note

Another legacy of this prestigious medal and the work it honors must be the cultivation of excellence in science and math in classrooms across America. The National Science Scholars program we proposed soon after taking office has now been enacted -- and will encourage budding scholars of today to become the scientists of tomorrow. Guiding our efforts is an ambitious but critical goal for this decade: "By the Year 2000, U.S. students will be first in the world in science and math."

In the budget I will submit in February, I expect math + science education to be a priority. We have had an interagency committee developing a proposal for several months -- and I look forward to its unveiling.

Scully
X5178

Grady
X4844

This week is Education Week, and its theme is "Educating Everyone Takes Everyone" -- a fitting motto for the challenges that lie ahead. If we truly are to achieve a renaissance of quality in our schools, we must tap the talent, energy, and commitment of all our families, businesses, and universities.

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Thank you. Congratulations. And God bless the United States of America.

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#

God bless you, and

Did someone sneeze?

Grady
4/8/44

WHITE HOUSE STAFFING MEMORANDUM

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION	FYI
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PINKERTON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	FIRESTONE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	PORTER ROSE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HOLIDAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS:
 Please provide any comments/recommendations directly to Chriss Winston by 3:00 p.m. on Friday, 11/09, with a copy to my office. Thanks.

RESPONSE: November 9, 1990

TO: CHRISS WINSTON

The NSC concurs with the attached Presidential remarks.
(See comment on p 2)

Brent Scowcroft
 Brent Scowcroft

cc: James Cicconi

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

90 NOV -8 PM 6:54
PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, __: __ .M.

Thank you. We're pleased to see Secretary Mosbacher, Secretary Sullivan, and Dr. Bromley here to help us out. And we especially want to greet our honored guests, this extraordinary gathering of scientific and technological genius.

Welcome to the White House -- and welcome to the presentation of the 1990 National Medals of Science and Technology. \\\

((The timing of these awards is fortuitous. A year ago this week, Barbara and I awarded medals to some of the artistic giants of our time -- Alfred Eisenstaedt, Dizzy Gillespie, and John Updike, among others. \\\ And with all that assembled talent, guess what led the evening news? \\\ The Rose Garden presentation of the National Turkey. \\\ So you're in luck -- this year the Turkey doesn't arrive until Thursday!)) \\\

This gathering marks a proud moment for me -- just as it was when this year's Nobel Prizes were announced, and it turned out that eight of the nine winners in science and economics were born in the U.S.A. It is a tribute to America's frontier spirit, and to our Nation's steadfast resolve and sense of the future. For when it comes to science and technology -- best in America means best in the world. \\\

America's tradition of excellence has long been nurtured by a tradition of free inquiry -- aimed at the simple goal of better understanding ourselves and our world. In the 1945 report that

led to the founding of the N.S.F., the National Science Foundation, Vannevar Bush wrote that: "As long as scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems."

And so it is today. More and more, the country depends on basic scientific research to spur economic growth, longer and healthier lives, a more secure world, and a safer environment. And our government must help carry that research forward, and contribute to the development of technologies that build on basic discoveries. In this way, we can help leverage the R & D of the private sector -- helping whole industries advance in an increasingly competitive global marketplace.

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So in the next budget, we're going to put it to Congress again. We're going to say: "Put our money where our future is. Stop funding pork-barrel projects in your home districts and let our scientists and engineers go to work for America." \\\

Chris - do you want to use an honorarium presentation to ask the Congress? Bob H.

30 years from now, when the Nobel Prizes are announced -- I want America to be well-represented. And 30 years from now, when the Medals of Science and Technology are bestowed, I want America to be graced by a group as accomplished as those here today.

I think of Mildred Dresselhaus, arguably the most prominent woman physicist and engineer of her generation, whose work helped to revolutionize semi-conductors. Or Allan Cormack, whose pioneering efforts earned him a Nobel Prize -- and made "CAT-scans" a household word. And scholars as diverse as Boston's Baruj Benacerraf -- or Seattle's Donnall Thomas -- whose contributions to immunology may lead to new answers in our battle against cancer and AIDS. Scientists like you have helped America to understand that AIDS is a disease -- not a disgrace. And scientists like you have helped America to appreciate our responsibility to those who are living with HIV and AIDS: They deserve our compassion. They deserve our care. And they deserve more than a chance -- they deserve a cure. \\\

Another legacy of this prestigious medal and the work it honors must be the cultivation of excellence in science and math in classrooms across America. The National Science Scholars program we proposed soon after taking office has now been enacted -- and will encourage budding scholars of today to become the scientists of tomorrow. Guiding our efforts is an ambitious but critical goal for this decade: "By the Year 2000, U.S. students will be first in the world in science and math."

This week is Education Week, and its theme is "Educating Everyone Takes Everyone" -- a fitting motto for the challenges that lie ahead. If we truly are to achieve a renaissance of quality in our schools, we must tap the talent, energy, and commitment of all our families, businesses, and universities.

The people we honor today are American trailblazers, real-life pioneers who pressed the very limits of their fields. You have distinguished not only yourselves -- but also your Nation. And that's why America continues to need and want -- and appreciate -- your creativity, your genius and your diversity.

Thank you. Congratulations. And God bless the United States of America.

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WHITE HOUSE STAFFING MEMORANDUM
 90 OCT 9 P2:02

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PINKERTON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	FIRESTONE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	PORTER ROSE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HOLIDAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 3:00 p.m. on Friday, 11/09, with a copy to my office. Thanks.

RESPONSE:

*See changes pp. 1-3.
 - Steve Olson + D. Allan Bromley*

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

90 NOV -8 PM 6:54

PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
THE EAST ROOM
TUESDAY, NOV. 13, 1990, __:___.M.

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America's tradition of excellence has long been nurtured by a tradition of free inquiry -- aimed at the simple goal of better understanding ourselves and our world. In the 1945 report that

Original not strictly true.

led to the founding of the N.S.F., the National Science Foundation, Vannevar Bush wrote that: "As long as scientists are free to pursue the truth wherever it may lead, there will be a flow of new scientific knowledge to those who can apply it to practical problems."

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Everyone
calls her
this.

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The script calls for the President to hand out the awards with Secretary Mosbacher + Dr. Branley.

WHITE HOUSE STAFFING MEMORANDUM

90 OCT 9 All: 52

DATE: 11/08/90 ACTION/CONCURRENCE/COMMENT DUE BY: 3:00 p.m. Friday 11/09

SUBJECT: PRESIDENTIAL REMARKS: NATIONAL MEDAL OF SCIENCE & TECHNOLOGY
(11/07 draft two)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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GRAY	<input type="checkbox"/>	<input type="checkbox"/>	FIRESTONE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	PORTER ROSE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HOLIDAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input type="checkbox"/>	<input checked="" type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 3:00 p.m. on Friday, 11/09, with a copy to my office. Thanks.

RESPONSE:

No Comments per Ed R

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Dooley
Nov. 7, 1990
Draft Two (B:SCIENCE)

90 NOV -8 PM 6:54
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