

*Women in Engineering Program Advocates Network
(WEPAN)*

Women Engineers: *Building a Sustainable Future*

Dr. Martha Krebs

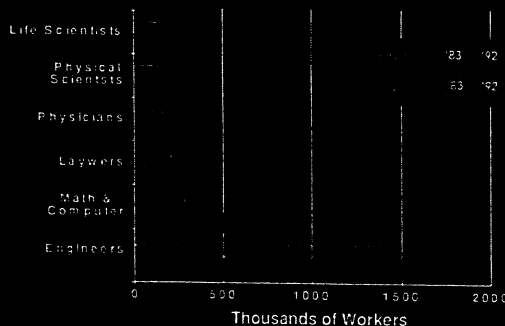
Director, Office of Energy Research
U.S. Department of Energy

June 6, 1995

Source: American Innovation and Inclusion, U.S. Department of Energy

Some Gains for Women and Women Engineers

Employed wage and salary workers who usually work full time,
by occupation and sex



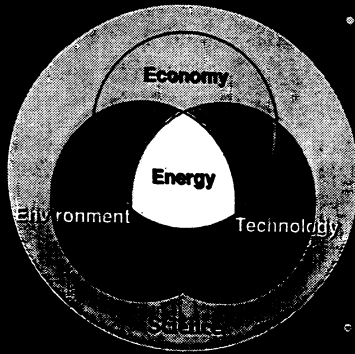
Source: American Innovation and Inclusion, U.S. Department of Energy



WOMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?

1995 WEPAN National Conference

A Sustainable Energy Strategy is Crucial



- Science & Engineering for a Sustainable Future:
 - Climate Change Action Plan
 - Technology for a Sustainable Future
 - National Energy Policy Plan
- Science, Math and Engineering Education

Sustainable Future Needs Women Engineers

- Equity
- Intergenerational Responsibility
- Communicating Human Values

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OMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?

1995 WEPAN National Conference

Commitment of the Clinton Administration

The Clinton Administration

Sheila Widnall, Secretary of the Air Force
 Jane Wales, Associate Director, National Security and International Affairs, OSTP
 Mary Good, Undersecretary for Technology, Department of Commerce (DOC)
 Anita Jones, Director, Research, Development, and Demonstration, Department of Defense (DOD)
 Martha Krebs, Director, Office of Energy Research, Department of Energy (DOE)
 Arati Prabhakar, Director, National Institute of Science and Technology (NIST)
 Ruth Kirschstein, Deputy Director, National Institute of Health (NIH)
 Anne Patterson, Deputy Director, National Science Foundation (NSF)
 Mary Clutter, Associate Director of Biological Sciences, NSF
 Cora Marrett, Associate Director of Social, Behavioral, and Economic Sciences, NSF
 Kathy Sullivan, Chief Scientist, National Oceanographic and Atmospheric Administration (NOAA)
 France Cordova, Chief Scientist, National Aeronautics and Space Administration (NASA)
 Joyce Justice, Associate Director for Science, OSTP

Source: American Innovation and Incentives, the Department of Energy

The Vision Holds: The Clinton-Gore Agenda

- Technology for America's Economic Growth
- National Science & Technology Council
- Climate Change Action Plan
- National Information Infrastructure
- Science in the National Interest
- Technology for a Sustainable Future
- Bridge to a Sustainable Future

Source: American Innovation and Incentives, the Department of Energy



OMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?

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Crippling the Nation's S&T Investment

Republican Proposals:

- Eliminate DOE
- Privatize Laboratories
- Severely Cut Energy Supply R&D

Impact on Science:

- Facilities
- Scientists
- Graduate Students

*"America's future demands an
expanding knowledge base, which
requires investment in our people,
institutions and ideas..."*

1995 Science and Technology
Report of the President
to the U.S. Congress

A Reaffirmation

"My Administration's decision to make sound investments in science and technology, even as the Federal Government cuts other spending, is premised on three basic assumptions:

- Technology is the engine of economic growth
- Scientific Knowledge is the key to the future
- Responsible government advances science & technology "

William J. Clinton
April 1995

Source: American Innovation and Incentives, United States Department of Energy

Women in Energy

- Recruitment and Employment
- Programs of Benefit to Women
- Education and Training
- Support of Women-Owned Businesses
- Research and Development

Source: American Innovation and Incentives, United States Department of Energy

