

WNDC PUBLIC POLICY AND POLITICAL ACTION COMMITTEE

Positions on Science and Technology

The Woman's National Democratic Club (WNDC) recognizes science and technology as foundational pillars for national progress, global leadership, and human prosperity. Investing in science and technology drives economic growth, fosters innovation, addresses critical global challenges, and ensures that the United States remains at the forefront of advancements. A strong national commitment to scientific research, education, and equitable access is necessary to promote civic engagement, empower future generations, and advance policies grounded in evidence-based solutions.

Science and technology are critical investments in the future of the nation. Funding, education, equitable access, and ethical technology development to maintain the United States' leadership in global innovation will not only drive economic prosperity but also ensure long-term solutions to the world's most pressing challenges.

The WNDC Public Policy and Political Action Committee commits to advocating for the following positions and urges policymakers to:

Invest to Promote Economic Growth and Innovation

- Encourage sustained federal and private-sector investment in STEM (science, technology, engineering, and mathematics) education to cultivate a competitive workforce.
- Promote funding for scientific research and technological innovation to stimulate economic growth, enhance productivity, and create new job opportunities.
- Incentivize public-private partnerships to foster breakthroughs in sectors such as health care, clean energy, biotechnology, and artificial intelligence.

Address Global Challenges Through Science

- Support evidence-based climate science to mitigate the impacts of climate change and promote policies that reduce carbon emissions.
- Strengthen national and international collaboration on public health initiatives, including vaccine development, disease prevention, and pandemic preparedness.
- Prioritize funding for space exploration, clean energy, and sustainable technologies to ensure the long-term health of the planet and future generations.

Promote Scientific Literacy and Education

- Advocate for integrating critical thinking, scientific inquiry, and media literacy into national education curricula.
- Ensure equitable access to science education and research opportunities for all students, regardless of socioeconomic background.

- Expand outreach programs to engage underrepresented communities in STEM fields and eliminate systemic barriers to participation.

Provide Guidance for Artificial Intelligence (AI) and Emerging Technologies

- Support ethical development and responsible deployment of AI and machine learning technologies that enhance public welfare and economic development.
- Encourage transparency and accountability in AI research to prevent bias, protect civil liberties, and ensure equitable access to AI-driven advancements.
- Promote policies that uphold AI ethics, cybersecurity, and data privacy to safeguard users and ensure AI's ethical use in various industries.

Strengthen Scientific Institutions

- Advocate for the restoration of funding and staffing for vital scientific agencies, including the National Institutes of Health, Food and Drug Administration, Centers for Disease Control and Prevention, National Science Foundation, and the National Aeronautics and Space Administration.
- Ensure that these institutions receive adequate support to conduct groundbreaking research, provide critical public health guidance, and foster technological development.