VIRGINIA WOMEN IN HPC

Reaching out to the Hidden Figures in Computing

SC22

VCU

University of Virginia

University of Richmond

George Mason University

Virginia Tech

William & Mary

Chartered 1693

VIMS | William & Mary

Virginia Institute of Marine Science

Virginia Women in HPC

Reaching out to the Hidden Figures in Computing

- Founded in April 2021
- Participation from 7 VA universities including:
  - UVA, VT, GMU, VCU, W&M, UR, and VIMS
- 265 members part of our mailing list
- Goal: **to support the inclusion of Women and minorities in High-Performance Computing**
- Website: https://va-whpc.org/

Our Mission

The Virginia Women in High-Performance Computing Program (VA-WHPC) is committed to increasing diversity, equity, and inclusion by promoting and encouraging the participation and equal representation of women in HPC and related technology fields.

Our Vision

Organize regular meetings (in-person and virtual):

- Presentations by invited technical speakers and role models
- Discussion of professional development (technical and soft skills)

Provide a state-wide community with networking opportunities.

Offer mentorship opportunities with exposure to female role models in HPC fields.

Expose female students to research and careers in HPC and other technical fields.

Bridge funding for female students to attend HPC-related conferences.

Create and communicate internship opportunities.

Virginia Women in HPC Committee Members

UVA

Gladys Andino, Ph.D
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ACCESS

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VA-WHPC – Recent activities

October 10, 2021: "How does HPC help with your research - Faculty perspectives"

- Julie Quinn (UVA) – HPC for Water Resources Systems Analysis
- Grace Chiu (VIMS-W&M) – Coming Full Circle: My journey as a computational Bayesian
- Melinda Yang (UR) – Applications of large-scale genomic analyses using ancient DNA in understanding human genetic history

January 25, 2022: "How does HPC help with your scientific research - Faculty perspectives, Part II"

- Anne Brown (Virginia Tech)
- Jenna Cann (George Mason University)
- Alexis Edwards (Virginia Commonwealth University)

April 27, 2022: "VA-WHPC: Supercomputing For Everyone"

- Matthew Brown – Virginia Tech
- Jacalyn Huband – University of Virginia
- Jayshree Sarma – George Mason University
- Carol Parish – University of Richmond
- Eric Walter – William & Mary
- Mike Davis – Virginia Commonwealth University

VA-WHPC – Recent activities (cont.)

August 10, 2022: VA-WHPC: Inspiring Diversity and Inclusion

- Jackie Milhans – Associate Director, Research Computing Services, Northwestern University
- Lara Timm – HPC Engineer, Center for High Performance Computing, Council for Scientific and Industrial Research (CSIR)
- Rachel Spraker – Senior Director for Equity and Inclusive Excellence, Division for Diversity, Equity, and Inclusion, University of Virginia

October 12, 2022: VA-WHPC: Women in HPC & IT Leadership Roles

- Robin Bryan – AVP for Information Technology/CIO at James Madison University
- Corinne Picataggi – Chief Technology Officer at William & Mary University.

Total 265 members

Please go to our website if you would like to learn more or get involved:

VA-WHPC ⇨ Next Steps

- Apply to WHPC org to become a chapter
- Analysis of demographics of women and minorities in HPC and IT
- Outreach to other institutions for participation
- Mentorship program
- Identifying funding opportunities for women and minorities
- Logo contest: Win $500

Scan this code to get more information about logo contest

Logo contest sponsored by:

CAMBRIDGE Computer

THANK YOU

PLEASE MARK YOUR CALENDARS FOR THE NEXT EVENTS:

TUESDAY, JANUARY 31, 2023

TUESDAY, APRIL 4, 2023