





Today's discussion...

- Who is GPN-WHPC?
- WHPC Resources for Regional/Local Chapters
- Program Overview

Boryana Koseva

Children's Mercy Research
Institute (CMRI)

Kate Adams

Great Plains Network
(GPN)

Christina Roberts

University of Missouri -
Columbia (UMC)

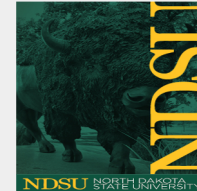
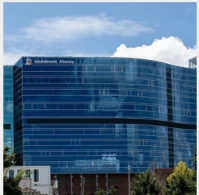
Natasha Pavlovikj

University of Nebraska-Lincoln
Holland Computing Center
(HCC)



Kim Owen

North Dakota State University
Center for Computationally
Assisted Science and
Technology (CCAST)



GPN-WHPC Chapter

*WHPC's vision is to provide equality for women working in
high performance computing*

MISSION

To promote, build and leverage a diverse and inclusive HPC workforce by enabling and energising those in the HPC community to increase the participation of women and highlight their contribution to the success of supercomputing. To ensure that women are treated fairly and have equal opportunities to succeed in their chosen HPC career. To ensure everyone understands the benefits of promoting and achieving inclusivity.

<https://womeninhpc.org>

Women in HPC (WHPC)

- International organization working to improve equity, diversity and inclusion in HPC
- Encourages women to participate in the HPC community
- Provides fellowship, education and support to women and the organizations that employ them
- Community

Women in HPC (WHPC) Mentoring Program

- Robust mentoring program connecting women from around the world
 - Free
 - Professional network
 - Open for students
 - 4 months long program
 - Offered 3 times a year

- Mentor+mentee pairing
 - one-to-one meetings
 - webinars

Women in HPC (WHPC) Mentoring Program

BENEFITS OF BEING A MENTOR

- Develop professional relationships
- Enhance peer recognition
- Use your experience in HPC, making it available to new HPC professionals
- Broaden your understanding of HPC by listening to what others are working on
- Enable you to practice and grow your interpersonal skills
- Provide personal satisfaction through supporting others and helping them to achieve their full potential as HPC professionals

BENEFITS OF BEING A MENTEE

- A mentor will be an independent voice, outside your direct sphere of activity. You can bounce ideas off them without fear of comeback
- Receive impartial professional development advice and encouragement
- A mentor can provide guidance on areas you are unfamiliar with

Personal stories:

Natasha Pavlovikj

University of Nebraska-Lincoln
Holland Computing Center (HCC)

Christina Roberts

University of Missouri - Columbia
(UMC)

<https://womeninhpc.org/community/mentoring>

Intentions

- Give a platform for women and minorities who utilise HPC
- Establish a support network, including allies
- Outreach to underserved institutions
- Increase Visibility of Advanced Cyberinfrastructure professionals & researchers

Upcoming Speakers & Meetings

Regular Schedule:

2nd Wednesday of every month: Open Casual Discussion

4th Wednesday of every month: Invited Speaker Presentation

October 27th (Wednesday)

Courtney Walbe,

Senior High Performance Compute Engineer at
Children's Mercy Kansas City

Previous 2021 Presentations

- Feb** **Natasha Pavlovikj**, University of Nebraska-Lincoln
ProkEvo: an automated scalable framework for bacterial population genomics analyses
- Mar** **Lauren Michael**, UW-Madison's Center for High Throughput Computing
The Open Science Grid
- Apr** **Jingyan Fu**, North Dakota State University,
Neuromorphic Computing: from Zero to HPC

Previous 2021 Presentations

- May** **Dr. Bess Vlasisavljevich**, University of South Dakota
How can high performance computing help design sustainable polymers?
- June** **Dr. Yeganeh Marghi**, Allen Institute for Brain Science
Joint identification of neuron types and type-specific activity-regulated genes with coupled autoencoders
- July** **Dr. Lisa Claus**, Lawrence Berkeley National Library
HPC at Lawrence Berkeley National Laboratory

Links

Mailing List:

<https://groups.google.com/a/greatplains.net/g/gp-whpc>

Group Folder: (Past Presentations, Meeting Notes & More)

<https://drive.google.com/drive/folders/1-4I3XKnCqb1pHoQfF4298GpP79zE9Dlx>

Zoom Meeting:

<http://bit.do/gpn-whpc>

Speaker Sign-Up:

<https://tinyurl.com/gpn-whpc-speaker>

THANK YOU

REMINDERS:

Meetings 2nd & 4th Wednesday of each month

(No Speaker in Nov or Dec)

October 27th : Courtney Walbe

Zoom Link:

- <http://bit.do/gpn-whpc>

