

# GARRET W HUNTRESS

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*Willing to Relocate*

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## ABOUT ME

A self-motivated, independent, and dedicated IT professional with nearly 20 years of experience enabling science in an academic environment.

## SKILLS

- Communication
- Leadership
- Service Management
- Project Management
- Budgeting
- Identity & Access Management
- System Administration
- HPC

## EDUCATION

University of Maryland  
University College  
University of Maryland

## EXPERIENCE

- Carnegie Institution for Science** ● **Information Systems Manager**  
Department of Plant Biology & Department of Global Ecology  
Stanford, CA  
Jan 2013 - Present
  - Manage all departmental IT operations, including budgets and projects, consultations with faculty and staff, issue tracking, supervision of the departments' IT Support Specialist, and interfacing with vendors
  - Responsible for building and maintaining all departmental telecommunications and computational services:
    - Carnegie's network and firewalls within Stanford University's network
    - VPN tunnels from Carnegie's Stanford site to other Carnegie sites and to cloud VPCs (Google Cloud, AWS)
    - On-prem VMware vSphere HA virtual infrastructure clusters
    - On-prem data storage services, mirrored to Google Cloud for DR
    - Systems supporting specialized data acquisition and analysis applications (IMARIS, BLAST+, Pathway Tools, Protein Prospector)
    - Virtualized vGPU HPC Cluster built with Ansible, SLURM, Lustre, NVIDIA GRID, and Open OnDemand with experimental cloud bursting to Google Compute Engine
  - Member of Carnegie-wide computing leadership committees
    - IT Governance Council (ITGC)
    - Scientific Computing Advisory Council (SciComp)
  - Admin and architect for multiple enterprise-wide services, including Google Workspace, Google Cloud, Active Directory, Duo, Freshservice, Zoom, and Zoom Phone
  - Liaison between Carnegie and Stanford UIT & SRCC
    - Local Network Admin & Firewall Approver for Carnegie's subnet within Stanford's network
    - Datacenter Ops for Carnegie systems hosted in Stanford's SRCF datacenter and Forsythe datacenter
- Carnegie Institution for Science** ● **System Administrator / System Developer**  
Geophysical Laboratory  
Washington, DC  
Jan 2005 - Jan 2013
  - Build, administer, and/or maintain all departmental computing activities, including network, storage, printing, HPC systems, and end user support. Highlights include:
    - Built HA VMware vSphere virtual infrastructure cluster
    - Built and deployed data curation systems on an icebreaker in the Arctic, and provided direct support for field teams and field deployed instrument controllers during the Arctic Mars Analog Svalbard Expedition (AMASE)