

# Orion E. Poplawski

NorthWest Research Associates, Inc.,  
Boulder/CoRAssociates Office

## EDUCATION:

- 1992 B. A. in Physics, Magna Cum Laude, The Colorado College (Colorado Springs, CO).
- 1993-1995, Graduate study in Physics and Chemical Physics, CU Boulder, JILA.

## PROFESSIONAL EXPERIENCE:

- 2002 – Present: Technical Manager, NorthWest Research Associates, Boulder/CoRA office, Boulder, CO USA.
- 1995 – 2002: System Administrator, CQG Inc., Boulder, CO USA.

## SOFTWARE PROJECTS:

- Configure and manage NWRA's email server.
- Design, install, and maintain NWRA Boulder's web application framework, including Apache HTTPD, Alfresco, PHP and MySQL components.
- Specify, built, and maintain NWRA Boulder's storage infrastructure with over 140TB of capacity.
- Installed, maintain, and assist with gridengine computational grid to pool computational resources.
- Collaboratively designed and maintain NWRA's identity management system.

## SKILLS:

System Administration: Linux, Windows, OS X, Cobbler, Puppet

Programming Languages: C, C++, FORTRAN, IDL

Scripting: Perl, Python, Bash

Databases: SQL, MySQL, postgresql

Web: Apache, HTML, JavaScript

Networking: Firewalls, InfiniBand, VPN

## COMMUNITY INVOLVEMENT:

- Maintain several scientific software packages for Fedora and Fedora EPEL, including cmake, Eclipse Parallel Tools Platform, GMT, GnuDataLanguage, Gridengine, gv, HDF5, NCL, NetCDF, ParaView, and PLPlot.
- Member of the Fedora Packaging Committee.