

Biographical Sketch

Joe Reynoldson

Contact Information:

A&S Room 201
414 E. Clark St.
Vermillion, SD 57049

Email: jreynold@usd.edu
Phone: 605 677 5388
Fax: 605 677 6662

Professional Preparation:

- The University of South Dakota Computer Science BS 1995
- The University of South Dakota Computer Science MA 1997

Appointments:

- The University of South Dakota, Research Computing Manager, July 2002 to present
- The University of South Dakota, Instructor, July 2002 to present
- The University of South Dakota, Assistant System Administrator, January 1995 to June 2002
- The University of South Dakota, Computer Science Lab Assistant, January 1994 to May 1995

Publications and Poster Sessions:

- Josh Stroschein, Doug Jennewein, "Bioinformatics Supercomputing Cluster: Utilizing low cost hardware as a bioinformatics tool", South Dakota Annual NSF EPSCoR Conference, 2004

Synergistic Activities:

- **Faculty Mentor:** Implementation of the Basic Local Alignment Search Tool (BLAST) on a Linux cluster, funded by an EPSCoR Undergraduate Research Grant, 2004 – present
- **Technical Advisor:** "IDeA Networks of Biomedical Research Excellence", NIH P20 RR016479 P, July 1, 2004 – June 30, 2009, PI Goodman, Barbara, V., Co-Bioinformatics Core Director Lushbough, C.M., Total anticipated award for 5 years: \$12,500,000
- **Consultant:** "Linux Virtual Server (LVS) Implementation of an HTTP Cache Server", Dataware, LLC, 2004
- **Technical Advisor:** "South Dakota Biomedical Research Infrastructure Network", NIH P20 RR016479 A, September 1, 2001 – June 30, 2004, PI Goodman, Barbara, V., Total award for 3 years: \$2,314,655.00
- **Instructor:** CSC492 Server Side Programming, A course on developing applications delivered via the HyperText Transfer Protocol (HTTP), 2003 – present