

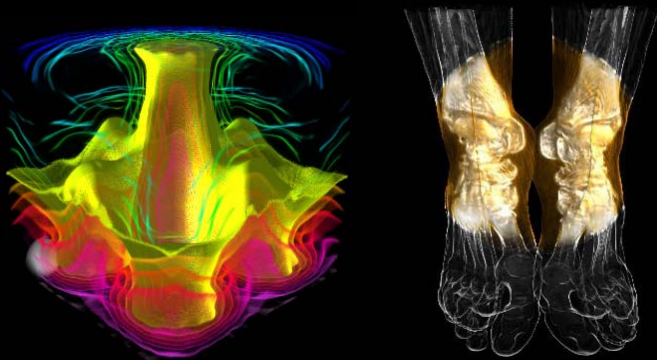
# RA Positions Available for Spring 2006

<http://www.PURPL.net>

## Scientific Visualization

### Applications:

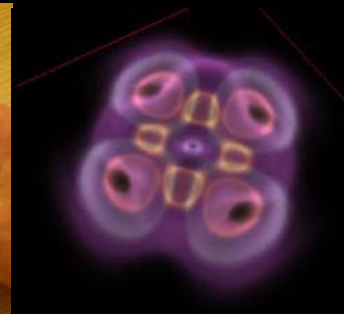
- Medical Data Visualization
- Flow Data Visualization & Analysis
- Weather Visualization
- Scientific simulation visualization (Chemistry, Physics, Medicine, etc.)



## Information Visualization

### Applications:

- Information Retrieval & Analysis
- Visual Analytics
- Data Mining
- Text Visualization
- Web Applications
- Security



## Current PURPL Projects:

- Task adaptable information display
- Flow illustration
- Nanoelectronic visual analytics
- Interactive rendering
- Perceptually effective visualization
- Medical volume illustration
- Visual analytics of health care and mobile visualization for emergency response
- Photorealistic weather visualization
- Non-photorealistic rendering
- Real-time cloud rendering and animation

## Purdue University Regional Visualization and Analytics Center (PURVAC)

Founded in 2006 to address visual analytics issues in:

- Homeland Security
- Emergency Planning and Response
- Intelligence Analysis
- Healthcare Management and Monitoring

For more information contact Professor David S. Ebert: [ebertd@purdue.edu](mailto:ebertd@purdue.edu)