# **CSBF Core Facility**



Computational Services and Bioinformatics Facility

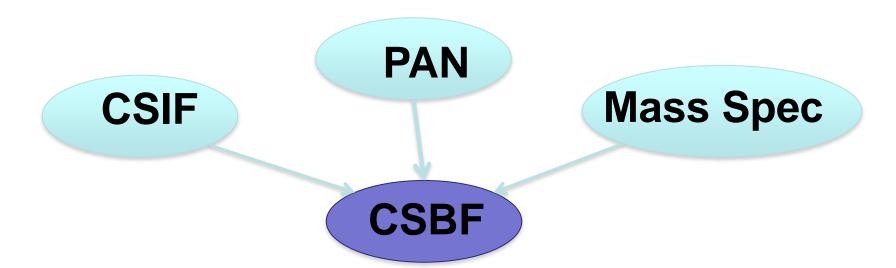
Lee Kozar

Beckman Center

kozar@stanford.edu

### **CSBF Mission**

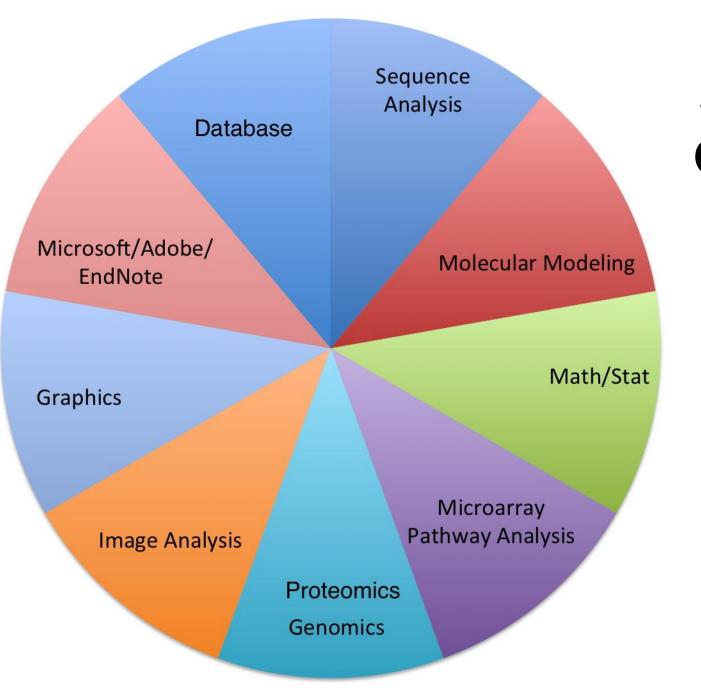
- Provide hardware and software for biomedical researchers at Stanford
- Currently over 270 labs use our facilities
- Over 4000 computers connect each month



### **CSBF**

- Access to Mac, PC, Linux software
- Access to vendor technical support
- \$1000 Level 1 software, \$1800 Level 2 software
- Significant cost savings
- Software list available at

http://csbf.stanford.edu/software



## CSBF Software Offerings

We Take Requests

## **CSBF Advantages**

- Installed on all computers
- Available off site using VPN
- Can work even when not on network
- License management
- Technical Support from Vendors

#### Beckman Center

- Computer Hosting
- Backup Storage



# **CSBF Advantage for Expensive Software**

You get all this and more through CSBF Your cost if purchased separately

DNAstar Sequence Analysis	\$2,500/license
GeneSpring - Microarray Analysis	\$11,000/license
Ingenuity Pathway Analysis	\$20,000/ license
Sequencher - Fragment Assembly	\$2,500/license
Golden Helix	\$15,000/license

## **Mass Spec Software**

Mascot Server 2.5

PEAKS

- Server Platform
  - Linux machine
  - Multiple Processors
  - 256 Gb RAM, 3Tb Disk

### **MASCOT**

Industry standard Mass Spec ID software

Web front end

### **PEAKS**





de novo Sequencing



**Database Search** 



PTM Identification



★ Homology Search



Quantification



Visualization Validation Filtration

Reporting

PC Only No Mac client

### For More Information

http://csbf.stanford.edu

http://csbf.stanford.edu/software

#### For Memberships

http://csbf.stanford.edu/memberships