

**HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA**  
**Cluster for Biomedical Image Computing (CUBIC)**

\*A renewal of this form is necessary if any of the information listed below has changed\*

DATE: \_\_\_\_\_

Application # \_\_\_\_\_

New Application ☐  
Renewal ☐

Name of Investigator \_\_\_\_\_

Project Title: \_\_\_\_\_

Service period: \_\_\_\_\_

**FUNDING SOURCE:**

PRODEV ☐  
Government sponsored study ☐  
Industry clinical trial ☐  
Investigator initiated clinical trial ☐

NIH/NCI/GOV \_\_\_\_\_ Grant Number \_\_\_\_\_

Clinical trial / industry / sponsor: \_\_\_\_\_

BEN 26 digit Account # \_\_\_\_\_

Dept Org # \_\_\_\_\_

NO FUNDING (PRODEV): Please give a brief explanation of how you plan to pursue funding in the future.

\_\_\_\_\_  
\_\_\_\_\_

Department ORG number must be provided for image processing charges if BEN account number is not available. Cluster access and use will be charged to the department until a valid account number is provided.

Business Administrator: Contact # \_\_\_\_\_ E-mail \_\_\_\_\_

**PI SIGNATURE:** \_\_\_\_\_

Application will not be accepted without PI's signature authorizing funding

Please list at all personnel involved in the research who will have access to the CUBIC under this account # and can be contacted before, during, or after completion of the sessions, including your coordinators involved in this study)

NAME

PHONE

E-MAIL

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### **Billing information**

Cluster access/usage fees (to be billed monthly, and adjusted quarterly depending on the level of computational use). **CUBIC access has a minimum of at least three months access.**

### **Full annual access basic fee: \$8,400/PI**

Provides:

- up to 25 accounts for individual users or research projects
- Additional accounts will be charged at \$5/account/month.
- unlimited batch job submission
- access to all resources (CPU, GPU, memory), limited only by the cluster hardware
- 6TB of storage

Based on actual usage as measured monthly, accounts will be charged a resource fee of:

- \$150 from 1% to 50% of CPU/GPU/RAM resource use during the month
- \$300 above 50% of CPU/GPU/RAM resource use during the month

**Storage:** Aggregated storage above 6TB included in the Annual access fee will be billed at \$275/TB/year (billed monthly, based on the highest daily use)

### **Limited access fee: \$3,600/PI**

This is intended for investigators with smaller amounts of data and limited need for computing resources.

Provides:

- up to 5 accounts for researchers
- a limited number of jobs may be submitted to the queue
- a limited number of jobs are permitted to run simultaneously
- each job will be limited to a maximum number of CPU-cores and a maximum amount of memory
- limited access to GPUs
- 3TB of storage

No additional fee will be charged based on computing resources used per-month.

**All fees are subject to change annually based on review by the CUBIC advisory board.**