NLM Computational Biology Training Program
Recruitment, Selection, and Assessment Processes

Keck Center Mailouts

Department Recruiting Efforts

Recruiting Trips by Faculty

NLM Site within Keck Web Site

On-line application

Inquiries to Departments

Summer Research Programs

Targeted Recruiting for Under-represented Individuals:

- SMART / Other Summer Programs
- NIH MBR Symposium
- SACNAS Meeting
- MARC Events
- Minority Locator
- Visits to Schools
- AGEP Summer Program
- AMP Programs

•Application submitted on-line
Includes information on GRE scores, GPA
•Letters of recommendation
(including proposed mentors)
•Project proposal

Pre-doctoral

Interview with NLM Steering Team

- **Educational Background**
- **Research Interest**
- Previous Productivity
- Publishing Capability
- **Written Presentation Skills**
- **Oral Presentation Skills**
- **Academic Capability**
- **Mentor Recommendations**
- **Faculty Recommendations**
- **Mentoring Plan**
- **Motivation**

Post-doctoral

Interview with NLM Steering Team

- Educational Background
- **Research Interest**
- **Previous Productivity**
- **Publishing Capability**
- **Written Presentation Skills**
- **Oral Presentation Skills**
- Academic Capability
- **Mentor Recommendations**
- **Faculty Recommendations**
- **Mentoring Plan**
- **Motivation**

Review by Keck Center Executive Committee

- Report from NLM Steering Committee
- Review of dossier and discussion of candidate
- Recommendation

Assessment Process

Annual Review

- Written report
- Meeting with NLM Steering Committee and mentors

Criteria

- Quality of report
- Publications / conference presentations
- Honors and awards
- Effectiveness of mentor / trainee relationships
- Coursework evaluation (predocs), including responsible conduct of research
- Attendance at NLM events
- Community service

Tracking Process

Trainee Information

- Where do trainees go?
- What are they doing?
- Has their training influenced their career?
- Have they influenced computational biology and medicine?

Mentor Information

- Impact on directions of research program
- Influence of/on training program