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

NLM Site within Keck Web Site
- On-line application

Department Recruiting Efforts
- Inquiries to Departments

Recruiting Trips by Faculty
- Summer Research Programs
  - Application submitted on-line includes information on GRE scores, GPA
  - Letters of recommendation (including proposed mentors)
  - Project proposal

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

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 training program