8:30 a.m.  **GENERAL GRANT WRITING CONCEPTS**  
Introduction to the Seminar  
The four requirements needed for success in *any* application  
What constitutes a good idea?  
The need for commitment  
Good grant writing skills  
NIH/NSF Grant Applications – similarities of all formats

9:30 a.m.  **NIH/NSF ORGANIZATION AND STRUCTURE**  
Understanding NIH/NSF funding priorities  
The importance of Program Officers  
Different NIH funding mechanisms  
Different NSF funding mechanisms  
Tracking NIH/NSF funding trends/success rates  
Helpful NIH/NSF websites

10:20 a.m.  **COFFEE BREAK**

10:35 a.m.  **THE REVIEW PROCESS**  
The concept of peer review  
Common assumptions about peer review  
The formal review process at different agencies  
The importance of identifying your reviewers  
Recommending or excluding reviewers  
Understanding exactly who your reviewers are  
Implicit vs. explicit review criteria at NIH/NSF  
Changes in NIH review

12:00 p.m.  **LUNCH BREAK**

1:00 p.m.  **DEVELOPMENT OF AN APPLICATION – General Concepts**  
Review of grant application fundamentals  
How to create compelling Specific Aims/Overview & Objectives  
Specific Aims & Overview and Objectives examples  
Significance and Innovation/Broader Impacts

2:45 p.m.  **AFTERNOON BREAK**

3:00 p.m.  Background/ (work done by others)  
The Approach section – creating an outline  
Applicant/Biographical Sketches and Environment  
Budgets – general concepts  
Title and Narrative  
Description/Abstract/Project Summary  
Critical review of your proposal

4:30 p.m.  **GENERAL DISCUSSION**