

TRAINEE'S SELF-ASSESSMENT OF RESEARCH COMPETENCE

Purpose and Description of Self-Assessment Form: This four-part self-assessment form is designed to be useful to you in gauging your research competency and measuring progress. To maximize its feedback value you should complete this form annually, and review and compare the information periodically throughout your research training as an ongoing record of your own professional growth and development. *Part I seeks a concise description of your research. Part II requests self-assessment of your knowledge, skills and attitudes regarding research. Part III asks you to rate the value of research assessment, and Part IV is designed for self-identification of areas in which your research performance and competence can be improved.*

Physician's Name: _____ Date: _____

(✓) Type of Designated Research: Biomedical Clinical Trials Other Clinical
 Health Services Translational Medicine
 Other: _____

Period of Research Training: From _____ To _____

PART I — DESCRIPTION OF YOUR RESEARCH PROJECT: *Provide a brief overview of your research project, including title, hypothesis, methods, mentor's role, and results.*

Title: _____

Hypothesis: _____

Methods: _____

Role and Responsibilities of Research Mentor: _____

Results and Conclusions: _____

PART II — YOUR RESEARCH COMPETENCIES: *Using a 5 point scale (1=low, 5-high), rate your knowledge of, skills in and attitudes about research.*

	Low				High
Your Knowledge of Research:					
• Scientific principles related to your research area	①	②	③	④	⑤
• Principles of authorship	①	②	③	④	⑤
• Principles of informed consent	①	②	③	④	⑤
• Research ethics	①	②	③	④	⑤
• Institutional review policy	①	②	③	④	⑤
• Government regulations/research-related laws	①	②	③	④	⑤
Your Skills and Proficiency in Research:					
• Use of statistics	①	②	③	④	⑤
• Data analysis	①	②	③	④	⑤
• Research methodology	①	②	③	④	⑤
• Project/study design	①	②	③	④	⑤
• Project management	①	②	③	④	⑤
• Critical interpretation of scientific literature	①	②	③	④	⑤
• Use of informed consent	①	②	③	④	⑤
• Manuscript preparation	①	②	③	④	⑤
• Oral presentations	①	②	③	④	⑤
• Grant preparation	①	②	③	④	⑤
• Access to/use of information technology	①	②	③	④	⑤
Your Attitudes About Research:					
• Spirit of inquiry	①	②	③	④	⑤
• Scientific integrity	①	②	③	④	⑤
• Collegiality	①	②	③	④	⑤
• Productivity	①	②	③	④	⑤
• Receptiveness to peer review	①	②	③	④	⑤
• Research ethics	①	②	③	④	⑤
• Principles of authorship	①	②	③	④	⑤

PART IV — AREAS TO IMPROVE YOUR RESEARCH PERFORMANCE AND

COMPETENCE: *After review of your ratings of research competencies, please complete the following:*

- 1. Describe the specific performance areas that you will work to improve during the next six months:**

- 2. Describe the actions you plan to take to accomplish your goals for improvement:**

- 3. Indicate who will help you in achieving your goals and briefly describe the process:**

- 4. Estimate your time line for achievement of these goals:** _____
