



2022 Memorial Sloan Kettering / Hospital for Special Surgery Nursing Research Fellowship Joint Pilot Program

The ***Nursing Research Fellowship*** is designed to increase nurses' understanding and skills to conduct small research projects. The fellowship follows a practicum model as seen in academia, used as an approach to learn the skills about research guided by nurse scientist mentors on a research project. The researcher is either collaborating on a Mentor's program of research, or on a related study of their research. Each accepted Fellow actively participates in an established program of research and applies their knowledge of research principles with a nurse scientist.

Each prospective candidate must complete the online application that includes an abstract of their intended research interest and reasons for applying to the Nursing Research Fellowship. The Nursing Research Fellowship is a partnership. Although there is substantial protected time provided to the Nursing Research Fellow, acceptance into this program requires personal responsibility to work on their specific project. This commitment means that a Nursing Research Fellow may be working on components of their project *on their own time*.

Fellows will be selected based on:

- The feasibility and specificity of their interest in research and a proposed research project
- Endorsement of their Nurse Leader and/or Nursing Director (one endorsement only)
- Alignment with the work of an Office of Nursing Research Mentor, MSK or HSS Organizational and Departmental of Nursing goals

Applicants will be contacted to meet with a combined group of Nurse Scientists from both institutions for a short interview. During this meeting, the candidate will have the opportunity to discuss a potential project with the Nurse Scientists. The applications will not be reviewed on a rolling basis; all meetings will be scheduled after the submission deadline.

Program objectives:

- Prepare nurses to participate in and/or lead nursing research studies.
- Provide didactic presentations, guided learning, and mentorship when conducting an independent nursing research project.

Curriculum includes:

- Online Modules
- Defining the significance of the problem
- Development of an intended research question
- Review and analysis of existing research findings in the literature
- Research types and study designs
- Quantitative and qualitative study designs and analysis
- Budget development and identification of funding opportunities
- Foundational/fundamental grant writing expertise
- Dissemination of research
- Applicable theoretical/conceptual frameworks to undergird selected research topic

Program outcomes

The Nursing Research Fellowship provides knowledge and skills that enables fellows to:

- Define and differentiate nursing research from evidenced-based practice
- Identify types of research and study designs
- Identify theoretical/conceptual frameworks that make nursing research independent from other research methods
- Identify and explain knowledge gaps and determine the significance of the selected problem
- Conduct a comprehensive review of the literature on their intended topic
- Differentiate between quantitative and qualitative study designs
- Understand how to develop a budget
- Understand the importance of working with their office of research, finding a grant, and drafting letters of support for Principal Investigator (PI)
- Disseminate nursing research internally and externally with an end goal of publishing their research
- Engage in the ongoing formative and summative evaluation of the fellows
- Discussion includes system outcomes that focus on the alignment with MSKCC and HSS organizational and Nursing Department goals.
- Practicum provides a forum to actively participate in IRB-approved research at MSK or HSS and apply knowledge of research principles with a seasoned researcher

Faculty:

Includes experts from the MSK Office of Nursing Research, HSS research faculty, MSK/HSS research support, and external colleagues from universities and healthcare organizations.

Timeline, Protected time, and Continuing Education Credits:

The full program timeline is 18 months from the first class to a final presentation. A total of **18** protected days are required to attend formal classes and for independent assignments. The **9** days of formal classes may be virtual or socially distant in meeting rooms.

- **Months 1-3** there is one didactic class session each month
- **Months 4-6** there are two sessions, usually one class day and one indirect day to work on aspects of the study
- **Months 7-8 (Summer)** **indirect days** are devoted to work on aspects of the study
- **Months 9-10** there is 1 class day and **1 indirect day** to work on aspects of the study
There may be extra dates for independent work with the nurse scientist mentors or symposia with specific focus on research practices.

CEU credit hours are available for fellowship didactic sessions, offered by MSK Nursing Professional Development.

Classes and Syllabus:

Upon acceptance into the fellowship, Fellows will be added to a Nursing Research Fellowship Teams channel where the syllabus, class dates, class materials, and announcements will be available.

Formal classes are designed to provide 4 hours of didactic instruction and 4 hours of self-study and/or work with their Nurse Scientist mentor. Class sessions begin at 8:30 am. Class dates and times are found in the syllabus and describe the content, expectations and reading assignments for each session. Afternoon sessions are designed for independent study and meetings with mentors.

Protected time denoted as Independent Study is intended to support fellows' ability to work on the research projects. Fellows will work with their mentors on various assignments that facilitate the research project.

Online modules:

All classes will be presented live on Zoom and the recordings of classes will be made available to fellows for future review.

Modules from the Collaborative Institutional Training Initiative (CITI) are required for all investigators who participate in research. They are free and available to all MSK and HSS employees. Please register with your email address and affiliation. These classes **MUST** be completed before the first fellowship class.

- Good Clinical Practice (GCP)
- Humans Subjects Protection (HSP) Group 2: Social/Behavioral Research

Course Text:

Textbooks with reading assignments are provided to Nursing Research Fellows. Handouts will be provided before or at specific classes. PowerPoint slides will also be available after each class.

Main readings:

Reading assignments from the textbook help explain the content discussed during each class or lecture and additional readings may be assigned. All information will be disseminated by email or the Fellowship Teams channel (likely both).

Additional readings:

Additional readings are from journals illustrating application/s of the theoretical issues and concepts addressed in the lecture. Additional readings are shared throughout the course.

Ongoing Metrics:

The Office of Nursing Research will conduct a periodic follow-up survey (*Nursing Research Fellowship Follow-up Assessment*) to monitor fellows' progress after the program. The survey focuses on further research, dissemination (posters, podium presentations, or manuscripts), and citations for published works. Data will be presented in aggregate format. Aggregate data is used for internal ongoing assessment of the program, and submission to the Magnet document.

Application Process:

Friday, October 1 - Monday, October 25, 2021	APPLICATION OPEN
Wednesday, October 25 - Thursday, October 26, 2021	Candidate Interviews <i>Individual 45-minute conferences will be scheduled at the close of the application period.</i>
Thursday, November 4, 2021	Decision letters sent to candidate and NL

Overview of Syllabus:

December 2021	<i>Pre-class work (online modules)</i>
January 11, 2022	<i>The Basics of Nursing Research: Welcome and Introduction</i>
February 8, 2022	<i>Review of the Literature</i>
March 8, 2022	<i>Study Designs</i>
April 12, 2022	<i>Quantitative Research</i>
April 26, 2022	PROTECTED DAY FOR RESEARCH (Biostats meetings)
May 3, 2022	<i>Qualitative Research</i>
May 24, 2022	PROTECTED DAY FOR RESEARCH
June 7, 2022	<i>Finishing the Study</i>
June 21, 2022	<i>Planning for a Grant Submission and Getting your Study Started</i> <i>Working with the Funding Development Team and the Grants & Contracts Office</i> <i>Planning the Budget for Research</i>
July, 2022	PROTECTED DAY FOR RESEARCH (tbd with mentor)
August, 2022	PROTECTED DAY FOR RESEARCH (tbd with mentor)
September 13, 2022	<i>Spreading the Work: Disseminating Nursing Research</i> <i>Strategies for Success: Disseminating Research, Writing for Success, and Making it Stick</i> <i>Leadership and Organizational Change</i>
September 27, 2022	PROTECTED DAY FOR RESEARCH
October 4, 2022	<i>Fellow Presentations to class</i>
October 18, 2022	PROTECTED DAY FOR RESEARCH
<i>Fellows will present at a Nursing Grand Rounds in 2023 as a culmination of their work in the Fellowship</i>	

Note: Dates of classes, as well as final order of content will be published in full syllabus with acceptance letters.