

# Jennifer Ross Majumdar, PhD, MSN, CRNA

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## Education

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| <b>Doctor of Philosophy in Nursing</b>                                       | <b>May 2022</b>  |
| The Catholic University of America, Conway School of Nursing, Washington, DC |  |
| Dissertation:  | The Relationship Between Antecedents, Physical Symptoms, Distress, and Coping Strategies During the Initial Treatment Phase for Women With Early-Stage Breast Cancer |
| Committee:   | Nalini Jairath, MScN. PhD, RN,<br>Petra Goodman, PhD, WH-BC,<br>Margaret Barton-Burke, PhD, RN, FAAN   |
| <b>Master of Science in Nursing: Nurse Anesthesia</b>                        | <b>May 2013</b>  |
| Boston College, School of Nursing, Chestnut Hill, MA                         |  |
| <b>Bachelor of Science in Nursing</b>  | <b>December 2008</b>   |
| Washington State University, Spokane, WA                                     |  |

## Clinical Affiliations

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| <b>Nurse Scientist</b>   | <b>2022 – present</b> |
| Memorial Sloan Kettering Cancer Center, New York, NY               |                       |
| <b>Nurse Anesthetist</b>   | <b>2015 – 2022</b>    |
| Memorial Sloan Kettering Cancer Center, New York, NY               |                       |
| <b>Nursing Research Fellow</b>                                     | <b>2017 – 2018</b>    |
| Memorial Sloan Kettering Cancer Center, New York, NY               |                       |
| <b>Nurse Anesthetist</b>   | <b>2013 – 2015</b>    |
| Anesthesia Associates of Massachusetts, Boston, MA                 |                       |
| <b>Registered Nurse</b>  | <b>2009 – 2010</b>    |
| Intensive Care Unit, Providence Holy Family Hospital, Spokane, WA  |                       |
| <b>Registered Nurse</b>  | <b>2009 – 2010</b>    |
| Emergency Department, Providence Holy Family Hospital, Spokane, WA |                       |

## Academic Faculty Appointments

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| <b>Assistant Professor</b>   | <b>2024 – present</b> |
| Hunter-Bellevue School of Nursing, Hunter College, City University of New York, New York, NY |                       |
| <b>Assistant Specialty Director, Acute Care Nurse Anesthesia Program</b>                     | <b>2023 – present</b> |
| Hunter-Bellevue School of Nursing, Hunter College, City University of New York, New York, NY |                       |
| <b>Adjunct Assistant Professor</b>   | <b>2022 – 2023</b>    |
| Hunter-Bellevue School of Nursing, Hunter College, City University of New York, New York, NY |                       |
| <b>Clinical Faculty</b>  | <b>2014 – 2015</b>    |
| Connell School of Nursing, Boston College, Chestnut Hill, MA                                 |                       |

## Teaching Activities

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**Advanced Pathophysiology [NURS 71700]** 2023  
Hunter-Bellevue School of Nursing, Hunter College, City University of New York, New York, NY  
Teacher of Record: Majumdar

## Honors and Awards

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**Precision Symptom Science Grant Writing Course Scholar** 2024  
Oncology Nursing Society

**Alumni Award in PhD Studies** 2022  
Conway School of Nursing, The Catholic University of America

**Leslie B. Tyson Research Grant** 2019 & 2022  
Memorial Sloan Kettering Cancer Center

**Geri & ME Research Grant** 2018 & 2020  
Memorial Sloan Kettering Cancer Center

**Samuel and May Rudin Award, Excellence in Nursing Research** 2018  
Memorial Sloan Kettering Cancer Center

## Licenses and Certifications

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**CITI – Human Subject Protection (HSP): Biomedical Research** 2016 – present

**Registered Nurse** 2015 – present  
New York State Board of Nursing

**Certified, Advanced Life Support for Health Care Providers** 2008 – present

## Publications

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1. **Majumdar, JR**, Assel, M, Dannaoui, A, Fatata-Haim, A, Fromkin, J, Nelson, C, Laudone, V, & Carlsson, S. Incorporating the Distress Thermometer into Preoperative Vital Signs in Patients Undergoing Ambulatory Oncology Surgery: A Pilot Feasibility Study. Submitted to *Journal of Psychosocial Oncology* [in publication]
2. **Majumdar, JR**, Grbic, J, Barraro, D, Marte, M, Carlsson, S, Laudone, V, Assel, M, Masson, G. Impact of replacing fentanyl with hydromorphone as the standard of care first-line postoperative narcotic among patients undergoing outpatient cancer surgery. *Journal of PeriAnesthesia Nursing* [in publication]
3. **Majumdar JR**, Yermal SJ. Distress, Pain, and Coping Strategies in Patients Undergoing Breast-Conserving Surgery: A Scoping Literature Review. *Oncol Nurs Forum*. 2024;51(1):7-16. doi:10.1188/24.ONF.7-16
4. **Majumdar JR**, Fromkin JB, Yermal SJ, Fatata-Haim AM, Barton-Burke M, Jairath NN. Research Electronic Data Capture (REDCap) in an outpatient oncology surgery setting to securely email, collect, and manage survey data. *J Adv Nurs*. Published online December 2, 2023. doi:10.1111/jan.15983

5. **Majumdar JR**, Carlsson SV. Re: A Comprehensive 6-mo Prostate Cancer Patient Empowerment Program Decreases Psychological Distress Among Men Undergoing Curative Prostate Cancer Treatment: A Randomized Clinical Trial. *Eur Urol*. 2023;84(3):349-350. doi:10.1016/J.EURURO.2023.04.032
6. **Majumdar JR**, Assel MJ, Lang SA, Vickers AJ, Afonso AM. Implementation of an Enhanced Recovery Protocol in Patients Undergoing Mastectomies for Breast Cancer: an interrupted time-series design. *Asia Pac J Oncol Nurs*. 2022;0(0). doi:10.1016/J.APJON.2022.02.009
7. **Majumdar JR**, Vertosick E, Assel M, Soeprono, M, Groeger, H, Marte, M, Lin, E, Twersky, R. Reduction of postoperative nausea and vomiting and unplanned extended stays in outpatient plastic surgeries with a standardized protocol. *J Clin Anesth*. 2021;74:110419. doi:10.1016/J.JCLINANE.2021.110419
8. **Majumdar JR**, Vertosick E, Long M, Cansino C, Assel M, Twersky R. Effects of midazolam on postoperative nausea and vomiting and discharge times in outpatients undergoing cancer-related surgery. *AANA J*. 2019;87(3).
9. **Majumdar J**, Vertosick E, Cohen B, Assel M, Levine M, Barton-Burke M. Preoperative Anxiety in Patients Undergoing Outpatient Cancer Surgery. *Asia Pac J Oncol Nurs*. 2019;6(4):440-445. doi:10.4103/apjon.apjon\_16\_19
10. Long, M, **Ross, J**. Malignant Hyperthermia. *Journal of Radiology Nursing*, 2017; 36(3): 152–157. doi.org/10.1016/J.JRADNU.2017.07.005

#### **In Review:**

1. **Majumdar, JR**, Goodman, P, Gilliland, J, Barton-Burke, M, & Jairath, NN. Distress, Pain and Nausea Coping following Breast-Conserving Surgery: A repeated-measures study. *Oncology Nursing Forum* (under review).
2. **Majumdar, JR**, Barton-Burke, M, & Jairath, N.N . Coping Strategies following Breast-Conserving Surgery: A repeated-measures study. In manuscript for *Journal of Psychosocial Oncology*.
3. **Majumdar, JR**, Schofield, E, Flaherty, K, Carlsson, S, Shaffer, K, Diefenbach, M, & Nelson, C. The Interplay and Influence of Anxiety and Depression Between Men with Early-Stage Prostate Cancer and their Close Allies. In manuscript for *PsychoOncology*

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### **Presentations**

1. **Majumdar, JR** & Forrester, J. Pre-Exposure Prophylaxis (PrEP): What Anesthesia Providers Need to Know About This Important HIV Prevention Tool, AANA Annual Congress. San Diego, CA. August 2024  
[Podium Presentation]

2. **Majumdar, JR**, Assel, M, Dannaoui, A, Fatata-Haim, A, Fromkin, J, Nelson, C, Laudone, V, & Carlsson, S. Incorporating the Distress Thermometer into Preoperative Vital Signs in Patients Undergoing Ambulatory Oncology Surgery: A Pilot Feasibility Study. Oncology Nursing Society Congress. Washington, DC. April 2024.  
[Poster Presentation]
3. **Majumdar, JR**, Schofield, E, Flaherty, K, Carlsson, S, Shaffer, K, Diefenbach, M, & Nelson, C. The Interplay and Influence of Anxiety and Depression Between Men with Early-Stage Prostate Cancer and their Close Allies. Oncology Nursing Society Congress. Washington, DC. April 2024  
[Poster Presentation]
4. **Majumdar, JR**, Forrester, J, Haviland, K, Yermal, S, & Welch, J. Perioperative Considerations for Patients Utilizing HIV Pre-Exposure Prophylaxis (PrEP): A Scoping Review, Eastern Nursing Research Society Scientific Sessions, Boston, MA. April 2024  
[Poster Presentation]
5. **Majumdar, JR**, Assel, M, Dannaoui, A, Fatata-Haim, A, Fromkin, J, Nelson, C, Laudone, V, & Carlsson, S. Incorporating the Distress Thermometer into Preoperative Vital Signs in Patients Undergoing Ambulatory Oncology Surgery: A Pilot Feasibility Study, Memorial Sloan Kettering Cancer Center Josie Robertson Surgery Center Annual Performance Improvement Showcase, New York, NY. February 2024  
[Poster Presentation]
6. **Majumdar, JR**. Show me the Monday: The Logistics and Benefits of Grant Publications for Nurse Anesthesia Educators, AANA Assembly of Didactic and Clinical Educators. Orlando, FL. February 2024  
[Podium Presentation]
7. **Majumdar, JR**. Building the Future: The Development of the Hunter-Bellevue School of Nursing Nurse Anesthesia Program. Department of Anesthesiology Grand Rounds. Weill Cornell School of Medicine. New York, NY. January 2024  
[Invited Speaker – Podium Presentation]
8. **Majumdar, JR**. Leslie B. Tyson Nursing Research Award Event: Outcomes & Results. Memorial Sloan Kettering Cancer Center. New York, NY. December 2023  
[Invited Speaker – Podium Presentation]
9. **Majumdar, JR**. The Nurse Scientist: Building Bridges Between the Research, Clinical, and Academic Settings. Hunter-Bellevue School of Nursing Doctoral Colloquium. New York, NY. October 2023  
[Invited Speaker – Podium Presentation]
10. **Majumdar, JR**, Yermal, S, Carroll, J, Denison, K, Barton-Burke, M., & Jairath, N. Not “Just a Lumpectomy”. The Relationships between Distress, Pain and Coping Strategies following Breast-Conserving Surgery: A repeated-measures study, Nurse Anesthesia Annual Congress, Seattle, WA. August 2023  
[Poster Presentation]

11. **Majumdar, JR** & Yermal, SJ. An Integrative Review of Distress, Pain and Coping Strategies in patients undergoing Breast-Conserving Surgery for Early-Stage Cancer, NYU Langone Health 26<sup>th</sup> Annual Nursing Research Conference, New York, NY. June 2023  
[Poster Presentation]
12. Barton-Burke, M, Fessele, K, Mazzella-Ebstein, A, Nestingen, M, Quinlan, P, **Majumdar, JR**, V& Vital, C. Promoting New Knowledge and Innovation: Designing, Implementing, Disseminating, and Expanding Nursing Science Using a Nursing Research Fellowship (Workshop). Eastern Nursing Research Society Scientific Sessions, Philadelphia, PA, March 2023  
[Podium Presentation]
13. **Majumdar JR**, Fromkin JB, Yermal SJ, Fatata-Haim AM, Barton-Burke M, Jairath NN Utilizing Research Electronic Data Capture (REDCap) to Securely Collect and Manage Data from an Email Survey for a Repeated-Measures Study, Eastern Nursing Research Society Scientific Sessions, Philadelphia, PA, March 2023  
[Poster Presentation.]
14. **Majumdar, JR**. Distress and Telephone Study, Leslie B. Tyson Awards, New York, NY, December 2022  
[Invited Speaker – Podium Presentation.]
15. **Majumdar, JR**. The Relationship Between Antecedents, Physical Symptoms, Distress, and Coping Strategies During the Initial Treatment Phase For Women with Early Stage Breast Cancer, Nursing Week Research Symposium, New York, NY May 2022  
[Invited Speaker – Podium Presentation.]
16. **Majumdar, JR**, Goodman, P, Barton-Burke, M, & Jairath N. The Relationship Between Patient Characteristics, Coping Strategy and Postoperative Outcomes in Women Undergoing Outpatient Breast Cancer Surgery, Washington Regional Nursing Research Doctoral Conference, Washington, D.C. November 2019  
[Poster presentation]
17. **Majumdar J**, Vertosick E, Cohen B, Assel M, Levine M, Barton-Burke M. Preoperative Anxiety in Patients Undergoing Outpatient Cancer Surgery, MASCC Annual Meeting on Supportive Care in Cancer, San Francisco, CA, June 2019  
[Poster presentation]
18. **Majumdar, JR** & Cansino, C. The Impact of Midazolam on PONV and PACU length of stay in patients undergoing outpatient cancer surgery, AANA Annual Congress, Boston, MA. September 2018  
[Podium presentation]
19. **Majumdar, JR** & Long, M. Malignant Hyperthermia Preparation & Management, Memorial Sloan Kettering Cancer Center, New York, NY. June 2017  
[Invited Speaker - Podium Presentation]

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## Research Funding

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|---|--------------------|
| <b>The May and Samuel Rudin Team Science Award in Nursing</b> (\$25,000)  | <b>2023 – 2024</b> |
| “Checking in: The Role of the Perioperative Nurse Liaison and the Real-Time Location Service Wearable Technology in Reducing Caregiver Anxiety while Patients are Undergoing Ambulatory Oncology Surgery” |                    |
| Role: Co-I (In progress)  |                    |
| <b>Leslie B. Tyson Nursing Research Award</b> (\$15,000)  | <b>2023 – 2024</b> |
| “Distress and Telephone Study”  |                    |
| Role: PI (In progress)  |                    |
| <b>Geri &amp; ME Research Grant</b> (\$17,000)  | <b>2020 – 2021</b> |
| “The Relationship Between Antecedents, Physical Symptoms, Distress, and Coping Strategies During the Initial Treatment Phase for Women with Early-Stage Breast Cancer”                                    |                    |
| Role: PI (Completed)  |                    |
| <b>Leslie B. Tyson Nursing Research Award</b> (\$12,500)  | <b>2020 – 2021</b> |
| “The Relationship Between Antecedents, Physical Symptoms, Distress, and Coping Strategies During the Initial Treatment Phase for Women with Early Stage Breast Cancer”                                    |                    |
| Role: PI (Completed)  |                    |

### Grant Submissions

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| <b>Heilbrunn Family Center Nurse Scholar Award</b> (\$25,000)   | <b>2024</b> |
| “Piloting a self-administered Mindfulness Meditation for Anxiety in Stressful Situations in women recovering from breast-conserving surgery: A sequential explanatory mixed-method study” |             |
| Role: PI (Under Review)   |             |
| <b>MSK Society Patient Environment Project Grant</b> (\$8,000)  | <b>2023</b> |
| “Enhancing the overnight hospital experience with iPads optimized for patient care”   |             |
| Role: PI (Not funded)   |             |
| <b>J. Patrick Barnes DAISY Foundation Research Grant</b> (\$7,500)  | <b>2023</b> |
| “Making Connections: A Psychological Intervention to Reduce Preoperative Distress and Inflammatory Biomarkers in Patients Undergoing Oncology Surgery”                                    |             |
| Role: PI (letter of intent accepted for full review, not funded)  |             |
| <b>Heilbrunn Family Center Nurse Scholar Award</b> (\$25,000)   | <b>2023</b> |
| “A Preoperative Telephone Call To Alleviate Patient’s Preoperative Anxiety and Biomarkers of Stress – Distress and Telephone (DAT) study”   |             |
| Role: PI (not funded)   |             |
| <b>Cornell Clinical and Translational Science Pilot award</b> (\$50,000)  | <b>2023</b> |
| “A Preoperative Telephone Call To Alleviate Patient’s Preoperative Anxiety and Biomarkers of Stress – Distress and Telephone (DAT) study”   |             |
| Role: PI (not funded)   |             |
| <b>Rita and Alex Hillman Foundation</b> (\$50,000)  | <b>2023</b> |
| “Making Connections: A Preoperative Telephone Call To Alleviate Patient’s Preoperative Anxiety and Biomarkers of Stress – Distress and Telephone (DAT) study”                             |             |
| Role: PI (not funded)   |             |
| <b>MSK Department of Surgery Faculty Research Award Grant</b> (\$75,000)  | <b>2023</b> |
| “A novel maneuver to alleviate Shoulder Tip Pain (STP) following robotic surgery”   |             |
| Role: Co-PI (not funded)  |             |
| <b>Anesthesia Patient Safety Foundation Award</b> (\$150,000)   | <b>2023</b> |

“When the Post Anesthesia Care Unit (PACU) is at home: Implications for Patient Safety and Role of the Caregiver”

Role: Co-I (not funded)

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### Professional Service

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| Reviewer: AANA Foundation CRNA Scholar Committee                       | 2024 – present |
| Moderator: Eastern Research Nursing Society Scientific Session         | 2024 – present |
| Mentor: MSK Summer Clinical Oncology Research Experience               | 2024 – present |
| Abstract Reviewer: AANA Foundation Grant Committee                     | 2024 – present |
| Abstract Reviewer: Eastern Research Nursing Society Annual Conference  | 2023 – present |
| Early Career Editorial Board: Asia-Pacific Journal of Oncology Nursing | 2023 – present |
| Abstract Reviewer: Oncology Nursing Society Annual Conference          | 2022 – present |
| Member: Nursing Research Protocol Review Committee: MSK                | 2019 – present |
| Member: IDEAS Doctoral Mentorship: MSK                                 | 2019 – present |
| Peer reviewer: Asia-Pacific Journal of Oncology Nursing                | 2019 – present |
| Peer reviewer: Journal of PeriAnesthesia Nursing                       | 2019 – present |
| Peer reviewer: BMC Anesthesiology                                      | 2019 – present |
| Peer reviewer: Seminars in Oncology Nursing                            | 2019 – present |
| Grant Reviewer: Geri & ME Nursing Research Grant                       | 2019 – present |
| Chair: Nurse Anesthesia Council, MSK                                   | 2018 – 2019    |

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### Professional Memberships

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| Oncology Nursing Society                     | 2023 – present |
| Eastern Research Nursing Society             | 2023 – present |
| New York Association of Nurse Anesthetists   | 2015 – present |
| American Association of Nurse Anesthesiology | 2013 – present |