

JAMIE L. OLIVA

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SUMMARY

A board-certified (ANP-BC, BMTCN), fellowship-trained (NINR Genetics Fellowship), and doctorally-prepared (Ph.D., University of Rochester) oncology nurse scientist and associate professor of clinical nursing. Pursued and thrived through three degrees in dual research and clinical roles. Educates graduate nursing students regarding research principles, Evidence-Based Practice, and clinical simulation to develop diagnostic thinking and clinical decision-making skills. Research program includes adopting new technologies to advance the diagnosis and treatment of cancers and (ideally) studies of allogeneic and hematopoietic stem cell transplant recipients.

EDUCATION

Doctor of Philosophy (Ph.D.), Health Practice Research, 2016
University Of Rochester School of Nursing

Fellowship, Genetics, 2007
National Institutes of Health, National Institute of Research, and Georgetown University, SGI

Master of Science, Adult Nurse Practitioner, 1998
University of Rochester School of Nursing

Bachelor of Nursing Science, summa cum laude, 1991
The College at Brockport, State University of New York

BOARD CERTIFICATION

Adult Nurse Practitioner Board Certified (ANP-BC)
American Nurses Credentialing Center (ANCC)

Blood and Marrow Transplant Certified Nurse (BMTCN)
Oncology Nurse Society

LICENSURE

New York State Adult Nurse Practitioner 302372
New York State Registered Nurse 436595

RESEARCH EXPERIENCE

Wilmot Cancer Institute / University of Rochester Medical Center

Nurse Scientist, 2016-present

Leads cross-functional and interprofessional research teams of 2-4 in 6-12-month studies in diverse areas of oncology, particularly techniques and technologies for the advance of stem cell clinical research and treatment.

Principal Investigator, 2021-Present

Use of a Symptoms Tracking Mobile Application by Adult Recipients of Allogeneic Stem Cell Transplantation to Self-Monitor for Chronic Graft-versus-host Disease (Partnership with a phone app company).

Co-principal Investigator, 2020-present

Early Warning Scores as Indicators of Clinical Deterioration in Adult Oncology Patients Admitted from Outpatient Areas to Inpatient Settings.

TEACHING EXPERIENCE

University of Rochester School of Nursing

Associate Professor of Clinical Nursing, 2022 to present

Develop and lead the delivery of multiple courses—Doctor of Nursing Practice (DNP) Practicum I, Research Principles for Evidence- Based Advanced Practice, Advanced Physical Assessment Across the Lifespan, Advanced Physical Assessment, and Genetics (lecture, interactive seminar, simulation, and laboratory formats). Teach classes of 10-100 doctoral, graduate, and undergraduate students (Doctor of Nursing Practice, Master's / Nurse Practitioner level and students in the RN-to-BS Program). Serve on DNP students' implementation science project teams.

Assistant Professor of Clinical Nursing, 2016-2022

Develop and lead the delivery of multiple courses—Research Principles for Evidence-Based Advanced Practice Nursing, Advanced Physical Assessment Across the Lifespan, Advanced Physical Assessment, and Genetics (lecture, interactive seminar, simulation, and laboratory formats). Teach classes of 20-100 graduate and undergraduate students (Master's / Nurse Practitioner level and students in the Accelerated Program for Non- Nurses & RN-to-BS Program).

- Noted for a key role in rapid transition to virtual / online educational delivery with the onset of COVID-19.
- Based on success and student engagement with guest lectures in prior role, requested to repeat several presentations on an annual basis.
- SON subject matter expert and liaison for I-Human® (Kaplan), software involving the simulation of avatar-based clinical encounters for graduate nursing students learning diagnostic thinking and clinical decision-making.
- Support and use simulation experiences, including virtual reality, available through the School of Nursing's Center for Experiential Learning

Senior Associate – Clinical Nursing, 2006-2016

Developed curriculum, presented undergraduate lectures, facilitated graduate labs, and served as course coordinator Genetics, Advanced Physical Assessment Laboratory, and Research Principles for Evidence-Based Practice.

Additionally, requested as guest lecturer on blood-borne cancers for graduate program.

Clinical Associate – Nursing, 1998-2006

Provided wide range of academic and laboratory support.

Began presenting as guest lecturer for graduate courses.

Began serving as a preceptor for graduate nursing student clinical rotations.

CLINICAL EXPERIENCE

University of Rochester Medical Center

Nurse Practitioner – Blood & Marrow Transplant Program, 1998 to present

Wilmot Cancer Institute

Advanced from Graduate Nurse through Staff RN (Levels I-III) to Assistant Nurse

Manager, 1991- 1998

Medical Intensive Care Unit

NOTABLE AWARDS / HONORS

- Distinguished Fellow of the National Academies of Practice in Nursing 2022
- Sigma Theta Tau Epsilon Xi Chapter Past President, 2021 to 2022
- Sigma Theta Tau Epsilon Xi Chapter President, 2018 to 2021
- Epsilon Xi Chapter representative to Sigma Theta Tau International House of Delegates, 2021
- Sigma Theta Tau Epsilon Xi Chapter Governance Committee Chair, 2014 to 2018
- Sigma Theta Tau Research Award Grant Winner – Helper T-cells in Chronic Graft-versus- host Disease (Joint Principal Investigator), 2012
- Oncology Nursing Foundation Doctoral Scholarship, 2012
- Sigma Theta Tau International Epsilon Xi Chapter Research Grant, 2012
- Josh Gottheil Memorial Fund for Lymphoma Research Travel Award Winner, 2012
- Katharine Donohoe Scholarly Practitioner Award, 2012
- Sigma Theta Tau International Epsilon Xi Chapter Graduate Student Award, 2009
- University of Rochester Medical Center Nancy Kent Advanced Practice Nurse of the Year Award, 2001
- Oncology Nursing Foundation Outcomes Research Grant Winner – Effect of Oral GM-CSF on Mucositis in Stem Cell Transplant Patients (Principal Investigator), 2000

COMMITTEE EXPERIENCE

Current memberships and offices held –

- **Nurse Scientist Advisor** – Wilmot Cancer Institute
- **University Member** -- University of Rochester School of Nursing Research Committee, 2022 to present
- **Chair** – Nursing Research Council, Wilmot Cancer Institute, 2018 to present
- **Committee Chair** – Wilmot Cancer Institute Oncology Nursing Research Day
- **University Partner** – University of Rochester School of Nursing Oncology Nurse Scientist Partnership, 2016 to present

Previous memberships and offices held –

- Chair - Wilmot Cancer Institute Annual Research Day, 2021
- Chair – Wilmot Cancer Institute Research Essentials Roundtable, Wilmot Cancer Institute Nurse Education Series, 2016 to 2018
- Chair – Wilmot Cancer Institute Nursing Grand Rounds Committee, 2010 to 2020
- Chair – Sigma Theta Tau Epsilon Xi Chapter Governance Committee, 2016 to 2018
- Co-Chair – University of Rochester Sovie Center at Strong Memorial Hospital
- Nurse Practitioner Modernization Act Steering Committee—Legal Subcommittee, 2014 to 2016
- Chair – Sigma Theta Tau Epsilon Xi Chapter Governance Committee, 2014 to 2016
Consultant – University of Rochester Research Subjects Review Board, 2006-2008
Member- Wilmot Cancer Institute Nursing Grand Rounds Committee, 2020 to present
- Member - Sovie Center at University of Rochester Medical Center Nurse Practitioner Modernization Act Steering Committee, 2014 to 2016
- Member – University of Rochester Research Subjects Review Board, 2004-2006

PUBLICATIONS

Palermo, B. & Oliva, J. L. (2023). Chapter 9: Evidence-based standards of hematology & oncology practice, in V. Fuller & P. McCauley (Eds). *Textbook for the adult-gerontology acute care nurse practitioner: Evidence-based standards of practice (1st ed.)*. Springer Publishing.

Andolina, J. R., Walia, R., Oliva, J., Baran, J., Liesveld, J., Becker, M. W., Busacco, A., Coppage, M. (2020). Non-donor specific anti-human leukocyte antigen (HLA) antibodies are not associated with poor outcome in hematopoietic stem cell transplant recipients. *Human Immunology*, 81(8), 407-412.
<https://doi.org/10.1016/j.humimm.2020.05.006>

- Hashmi, S., Oliva J. L.*, Liesveld, J. L., Phillips, G. L. 2nd, Milner, L., Becker, M. W. (2013). The hematopoietic cell transplantation specific comorbidity index and survival after extracorporeal photopheresis, pentostatin, and reduced dose total body irradiation conditioning prior to allogeneic stem cell transplantation. *Leukemia Research*, 37(9), 1052- 6, (Epub 2013 Jul 3). *Contributions. SH and JLO contributed equally to all sections of the manuscript. doi: 10.1016/j.leukres.2013.06.013
- Keller, S. F., Kelly, J. L, Sensenig, E., Andreozzi, J., Oliva, J., Rich, L., Constine, L., Becker. M., Phillips, G., Liesveld, J., Fisher, R. I., Bernstein, S.H., Friedberg, J. W. (2011). Late Relapses Following High-Dose Autologous Stem Cell Transplantation (HD-ASCT) for Hodgkin's Lymphoma (HL) in the ABVD (doxorubicin, bleomycin, vinblastine, dacarbazine) Therapeutic Era. *Biology of Blood and Marrow Transplantation*, 18(4), 640- 627, (Epub 2011 Aug 24). doi: 10.1016/j.bbmt.2011.08.012. Epub 2011 Aug 24.
- Walker, A., Komrokji, R., Ifthikharuddin, J., Messina, P., Mulford, D., Becker, M., Freidberg, J., Oliva, J., Phillips, G., Liesveld, J., Abboud, C. (2008). Phase I study of cladribine, cytarabine (Ara-C), granulocyte colony stimulating factor (GCSF) (CLAG regimen) and simultaneous escalating doses of imatinib mesylate (Gleevec) in relapsed/refractory AML. *Leukemia Research*, 32, 1830-1836.
- Komrokji R, Oliva J, Zand M, Felgar R, & Abboud C. (2005). Mini-BEAM and autologous peripheral blood hematopoietic stem cell transplant for treatment of post- transplant lymphoproliferative disorders in solid organ transplant. *American Journal of Hematology*, 79, 211-215.
- Myer S. & Oliva J. (2002). Severe aplastic anemia and allogeneic hematopoietic stem cell transplantation. *American Association of Colleges of Nursing Clinical Issues*, 13, 169-191.
- Liesveld J, Abboud C, Ifthikharuddin J, Lancet J, Wedow L, Oliva J, Stamm C & Nichols D. (2002). Oral valacyclovir versus intravenous acyclovir in preventing herpes simplex virus infections in autologous stem cell transplant recipients. *Biology of Blood and Marrow Transplantation*, 8, 662-665.

PRESENTATIONS

Cancer in Primary Care. Advanced Practice Nurse Practitioner Program Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, February 2023.

Inherited Hematologic Malignancies. Advanced Practice Nurse Practitioner Program Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, October 201.

Hematologic Malignancies. Advanced Practiec Nurse Practitioner Program Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, September

2022.

Some Simple Ways to Turn Your Clinical Question into a Workable Project, Wilmot Cancer Institute. Nursing Research Conference, Rochester, NY, October 2021.

Heritable Hematologic Malignancies. Advanced Practice Nurse Practitioner Program Virtual Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, September 2020.

Cancer in Primary Care. Advanced Practice Nurse Practitioner Program Virtual Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, September 2020.

Managing the Care of the Research Participant. Joint Workshop Leader, University of Rochester School of Nursing, Rochester, NY, December 2019.

Heritable Hematologic Malignancies. Advanced Practice Nurse Practitioner Program Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, October 2019.

Cancer in Primary Care. Advanced Practice Nurse Practitioner Program Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, September 2019.

Heritable Hematologic Malignancies. Advanced Practice Nurse Practitioner Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, November 2018.

Genetic Blood-Borne Cancer Malignancies – Leukemia, Lymphoma, Myeloma. Doctoral Program Guest Lecture Series, University of Rochester School of Nursing, Rochester, NY, September 2017.

Translational Research: Embracing Collaboration and Innovation to Target Meaningful Health- Related Outcomes. Invited Speaker, Wilmot Cancer Center Nursing Grand Rounds, January 2013.

The Hematopoietic Cell Transplantation-Specific Comorbidity Index (HCT-CI) and Survival Following Extracorporeal Photopheresis, Pentostatin, and Reduced Dose Total Body Irradiation Conditioning. Poster Presentation. American Society of Blood and Marrow Transplant, February 2012.

The Hematopoietic Cell Transplantation-Specific Comorbidity Index (HCT-CI) and Survival After Extracorporeal Photopheresis, Pentostatin, and Reduced Dose Total Body Irradiation (TUFTs) Conditioning Prior to Allogeneic Stem Cell Transplantation (SCT). Poster Presentation. American Society of Hematology, Orlando FL, December 2010.

Late Relapses Following Autologous Stem Cell Transplantation (ASCT) for Hodgkin

Lymphoma (HL) in the ABVD Therapeutic Era. Poster Presentation. 8th International Symposium on Hodgkin's Lymphoma, Cologne, Germany, October 2010.

CD4+ Expression in Chronic Graft-versus-host Disease. Poster Presentation. Eastern Nursing Research Society, Providence, RI, March 2010.

Allogeneic Stem Cell Transplantation for Post-Autologous Stem Cell Transplant Relapse in Hodgkin Lymphoma: Experience from a Single Center. Poster Presentation. International Society of Blood and Marrow Transplant & American Society of Blood and Marrow Transplantation Tandem Meeting, San Diego CA, February 2008.

Long-Term Outcome of Autologous Stem Cell Transplantation for Hodgkin Lymphoma in the ABVD Therapeutic Era. Poster Presentation. American Society of Hematology (ASH) Annual Meeting, Atlanta, GA, December 2007.

Mucositis: An Evidence-Based Practice Approach. JP Wilmot Cancer Center, Strong Memorial Hospital, October 2007.

Mucositis: An Evidence-Based Practice Approach. JP Wilmot Cancer Center, Strong Memorial Hospital, October 2006.

Evidence-Based Practice. JP Wilmot Cancer Center, University of Rochester Medical Center, May 2006.

ASSOCIATIONS

Current Associations --

- Council for the Advancement of Nursing Science, Nurse Scientist Special Interest Group, 2022 to present
- Eastern Nursing Research Society, 2008 to present
- Council for the Advancement of Nursing Science, 2006 to present
- Oncology Nursing Society, 1998-2000, 2005 to present
- Oncology Nursing Society (ONS regional chapter), 1998-2000, 2005 to present
- Blood & Marrow Special Interest Group, Oncology Nursing Society, 2005 to present

Previous –

International Society of Nursing in Genetics
American Association of Critical Care Nurses, 1992-2006

PROFESSIONAL HONOR SOCIETIES

- Distinguished Fellow of the National Academies of Practice (FNAP), elected

2023

- Immediate Past President – Sigma Theta Tau International Nursing Honor Society, University of Rochester Epsilon Xi Chapter, 2021 to 2022
- President – Sigma Theta Tau International Nursing Honor Society, University of Rochester Epsilon Xi Chapter, 2018 to 2021
- Epsilon Xi Delegate – Sigma Theta Tau National Biennial Convention, 2021
President-Elect – Sigma Theta Tau Epsilon Xi Chapter, 2017 to 2018
- Elected Chair – Sigma Theta Tau Epsilon Xi Chapter Governance Committee, 2016 to 2018
Elected Chair – Sigma Theta Tau Epsilon Xi Chapter Governance Committee, 2014 to 2016
Sigma Theta Tau, 1998 to present
- Alpha Chi Honor Society, 1991 to present