UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEM

Curriculum Vitae

Date: 2024

Maria Reila Molina, DNPc, MSN, CRNP, CCRN

Office Address: Division of Cardiovascular Medicine

 3400 Civic Center Boulevard, 11th floor South Pavilion

 Perelman Center for Advanced Medicine, Philadelphia, PA 19104

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| Education: |  |
|  |  |  |  |
|  | 1992 |  BSN |  University of City of Manila, Philippines  |
|  | 2009 |  MSN |  Rutgers University (Acute-Critical Care) |

 2021-2024 DNP Rutgers University (Doctor of Nursing Practice candidate)

 Dissertation: Genomics education program evaluation

 implementation science on the impact of genetics/genomic on

 cardiothoracic health

Postgraduate Training:

2013 Post-Master’s Certificate in Nursing Education

 University of Pennsylvania, School of Nursing

 2019 Certificate in Leadership and Management

 Wharton Executive Education, University of Pennsylvania

 2020 Six Sigma Green Belt Certification

 Rutgers Business School Executive Education

 2024 Certificate in Persuasive leadership Development

 Wharton Executive Education, University of Pennsylvania

Military Service:

 1991-1992 Laguna Province Public Health Service, Philippines

 Rural Health Services, University of City of Manila

Faculty Appointments:

 2014- present Clinical Preceptor –Advanced Practice Provider

 University of Pennsylvania School of Nursing

 2012-2013 ANCC (American Nurses Credentialing Center)

 comprise of 10 selected members from different states

 Content Expert Panel: Adult-Gerontology Acute Care Nurse Practitioner

 (AGACNP) Standard Setting Panel: AGACNP Certification Exam

 2024 American College of Cardiology

 Certified Cardiovascular Knowledge Exam for NPs and PAs (CCKE)

 Standard Setting Panel-Faculty

Specialty Certification:

 2005 CCRN-Certified Critical Care Registered Nurse

 2009 Adult Acute Care Nurse Practitioner

 2013 Adult Gerontology Acute Care Nurse Practitioner

2013 Penn Clinical Research Coordinator

 2024 Certified Cardiovascular Knowledge Exam (CCKE)

Employment History:

2009-2016 NP, Cardiovascular Medicine Division

 Heart Failure/Transplant

 Hospital University of Pennsylvania

2016-2018 NP, Department of Surgery, Cardiac Surgery Division Cardiology Division, Department of Medicine

 Hospital University of Pennsylvania

2018-present NP, Cardiovascular Medicine Division

 Heart Failure/Transplant

 Hospital University of Pennsylvania

Licensure:

New Jersey and Pennsylvania

 Awards, Honors and Membership in Honorary Societies:

 1988 - 1992 BSN Academic Scholar, University of the City of Manila, Philippines

 1994 Outstanding Medical Representative, Ciba Group Companies, Philippines

2004 - 2005 Nurse Excellence in Critical Care, Our Lady of Lourdes Medical Center, Camden, NJ

 2006 - 2008Clinical Nurse III (Expert), Clinical Advancement Program,

 Our Lady of Lourdes Medical Center, Camden

 2008 Sigma Theta Tau International

 2008 Margaret Doherty Scholarship Award, Sigma Theta Tau International: Omicron Pi

 Chapter, UMDNJ: University of Medicine and Dentistry of New Jersey

 2009Magna Cum Laude, Rutgers University, the state University of New Jersey

 2014TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

 “Cardiac Allograft Vasculopathy: An Accelerated Form of Coronary Artery Disease”

 23rd ITNS Conference, Houston, Texas, September 27-29, 2014

 2014 Penn Advanced Practice Providers’ (APP) Inaugural Best Clinical Practice

 “March Madness Tournament Winner”: NP Heart Transplant Transitions of Care

 Heart Transplant Team, Hospital of University of Pennsylvania

 University of Pennsylvania Health System, APP Annual Recognition, October, 2014

 2015 Transplant Nursing Excellence Award: International Transplant Nurses Society

 (ITNS) 24th ITNS Conference, Chicago, June 14, 2015

 2015 TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

 Right Ventricle Failure: Is it Pulmonary or Portal Hypertension? 24th ITNS Conference,

 Chicago, June 14, 2015.

 2015 Rutgers University Nursing Alumni Rising Star Award

 Rutgers School of Nursing Alumni Association (RSONAA)

 Annual RSONAA Awards, October 20, 2015, Grand Summit Hotel, NJ

 2016 American Association of Nurse Practitioners State Award for Excellence in Clinical

 Practice. AANP Conference, San Antonio, Texas, June 21-26, 2016

 2016 TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

 “Building an Infrastructure for Interprofessional Collaborative Patient Centered

 Outcomes Research,” 25th ITNS Conference, Pittsburg, PA, October 16, 2016

 2016 Most Published Advanced Practitioner: University of Pennsylvania Health System

 Advanced Practice Provider Annual Recognition, October 27, 2016

 2017 Best Research Abstract Award: International Transplant Nurses Society (ITNS)

 “Plasmapheresis and Desensitization Therapies for Solid Organ Transplantation”

 26th Transplant Nursing Symposium, June 26, 2017, Lake Buena Vista, Florida

2018 Most Published Advanced Practitioner: University of Pennsylvania Health System

 Advanced Practice Provider Annual Recognition, October 26, 2018

 2018 TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

 “Advanced Practice Providers Role in Transitions of Care in Mechanical Circulatory

 Support Devices as Bridge to Transplantation.” 27th Transplant Nursing Symposium,

 Rosemont, IL, September 28-30, 2018

2019 Philippines: Canossa College Academic and Professional Leadership Award 1st time

 Nurse Practitioner Awardee: San Pablo City, Laguna, Philippines February 10, 2019

 Canossa College Alumni Association

 2019 Penn Advanced Practice Providers’ (APP) Best Clinical Practice

 “March Madness Tournament Final Winner” APP Twilight Bronchoscopy

 CHAMPION (**C**ustomized bronc**H**oscopy **A**ssess**M**ent **P**rotocol **I**nitiatio**N**)

 Lung Transplant and CT Surgery Team, Hospital of University of Pennsylvania

 University of Pennsylvania Health System, APP Annual Recognition, October, 2019

 2019 Inaugural University of Pennsylvania Health System Advanced Practice Provider

 Research and Scholarship Award

 2022 Service Recognition Award, Penn Transplant Institute

 2022 Distinguished Alumni Award for Academic Nursing

 Rutgers University

 2023 Employee Spotlight 2023, Penn Transplant Institute

 University of Pennsylvania

Memberships in Professional & Scientific Societies and Other Professional Activities: (Include offices held.) International:

 2008- present Sigma Theta Tau International (member)

 2012-2020 International Society for Heart and Lung Transplantation (member)

2013-present International Transplant Nurses Society (Program Chair 2017-2018,

 Board of Directors 2019-2021, President-Elect 2021-2023, President 2023-2025)

2019-present European Society of Cardiology

2019-present European Association for Cardio Thoracic Surgery

National:

 2004- present American Association of Critical Care Nurses (member)

 2008- 2012 American College of Nurse Practitioners (member)

 2008- present American Association of Nurse Practitioners (member)

 2012-2020 **ACRP: Association of Clinical Research Professionals: Greater Philadelphia Chapter**

 2012 American Nurses Credentialing Center (Adult-Gerontology Acute Care Nurse

 Practitioner (AGACNP) Content Expert Panel AGACNP Certification Exam:

 Standard Setting Panel

 2013-2015 American Nurses Association

 Cardiovascular Nursing Scope and Standards 2013-2015 work group

 **2013-2020 AST: American Society of Transplantation (member)**

 2015-2019 Pennsylvania Coalition of Nurse Practitioners (member)

 2015-2016 American Association of Nurse Practitioners Network for Research (AANR)

 Advisory Group Member: Question Procurement Program Reviews

 AANP NP Sample Surveys

 2016-2020 UNOS (United Network for Organ Sharing) Region 2 Educational Forum

 (planning committee)

 2021-present The Alliance: National Innovation Leadership (Council Member)

 Leadership and Engaged Learning in Organ Donation and Transplantation

Local:

 2009-present American Nurses Association: New Jersey Student Nurses Association (member)

 2013-2017 International Transplant Nurses Society- Delaware Valley Chapter

 (Director of Education and Professional Development)

 2015 International Transplant Nurses Society-Delaware Valley Chapter (dvc)

 Symposium Program Director, ITNS-dvc

 April, 2015, Gift of Life, Philadelphia, PA

 2013-2016 Ad hoc Member, Advanced Practice Provider (APP) Representative

 Penn Nursing Research Core Council, Hospital of the University of Pennsylvania

 2013-2018 UPHS Advanced Practice Providers’ Continuing Education PSNA Nurse Planner

 PSNA: Pennsylvania State Nurses Association and ANCC: American Nurses

 Credentialing Center, Advanced Practice Providers Education Committee

 2013-2020 Lecturer of University of Pennsylvania: Accreditation Council for Graduate Medical

 Education (ACGME) Core Curriculum for Heart Failure/Transplant Fellows

 Perelman Center for Advanced Medicine

 2017-present Lecturer of University of Pennsylvania School of Nursing Course N877 - Advanced

 Clinical Concepts & Professional Role for Critical Care Advanced Practice Providers II

 2022 Lecturer of University of Pennsylvania School of Nursing Course N 876 - Advanced

 Clinical Concepts and Professional Role for Cardiology Advanced Practice Providers I

 2022 Forum of Nurses in Advanced Practice –NJSNA (member)

 Editorial Positions:

 2014-2018 Manuscript reviewer Journal of Nursing and Practice

 2016-2019 Abstracts and Conference Papers Reviewer ITNS: International Transplant Nurses

 Society

 2018- 2020 Reviewer Journal of International Society of Heart & Lung

 Transplantation

Institutional Committees:

 2013-2019 Member, Education Committee, Hospital University of Pennsylvania

 2018-present Chair, APP Research Core Group, Hospital University of Pennsylvania

 2020-2022 Co-Chair Decreasing Length of Stay Initiatives: heart Transplant Program

 2020-present Member, Professional Development Committee, Hospital University of

 Pennsylvania

 2022 Moderator/ Speaker/ Planning Committee: Penn State of the Art Heart Failure

 Symposium

Clinical Teaching and Precepting Responsibilities:

2012-2018 Clinical Nurse Practitioner Preceptor

 University of Pennsylvania: School of Nursing Science

 Acute Care and Family Nurse Practitioner

 2014-2017 Clinical Associate Academic Support Staff

 University of Pennsylvania Graduate School of Nursing

 Department of Family and Community Health

 2016-present Cardiothoracic Transplantation Critical Care Course, Lecturer

 Penn APP Critical Care Fellowship

 University of Pennsylvania School of Nursing

 2020-present Cardiology Advanced Practice Providers and Cardiothoracic Surgery APPs

 (Critical Care, Progressive Care APPs Educational series)

 CT SICU lecture: Mechanical Circulatory Devices as Bridge to Heart

 Transplantation

 CICU APP Educational Series: Basics of Heart Transplant Care; Basic

 immunology/immunotherapy; Opportunistic infections: Balancing infection

 and rejection

 Surgical Cardiothoracic APP -management and care of post-heart transplant

 patien

Mentorship:

 2013-present Mentored international transplant nurses for implementation science

 2014-present Mentored APP colleagues for submission of conference papers and abstract presentations

 2018-present Mentor/Facilitator/Chair Research Core Group: Penn Advanced Practice Provider

 2023-present Chair Penn Advanced Practice Providers Professional Development Committee

Lectures by Invitation:

 April 17, 2012Nursing Implications: Organ Donation and Transplantation

 Our Lady of Lourdes Medical Center, Camden, New Jersey

 May 22, 2012 The Joy of Embracing Interdisciplinary Research to Improve Patient

 Outcomes: Integrating Basic Science and Translational Research”. University of

 Pennsylvania Health System: Annual Nursing, Research, Philadelphia, PA

Nov. 14, 2012Immunobiology and Immunotherapy of Cardiac Transplant Rejection

 University of Pennsylvania: Accreditation Council for Graduate Medical Education

 (ACGME), Core Curriculum for Heart Failure/Transplant Fellows; Philadelphia, PA

April 18, 2013 Organ Donation and Transplantation”. Galen and Nancy Dreibelbis Auditorium;

 Mount Nittany Medical Center State College, PA

July 31, 2013 Transplant Immunology and Immunotherapy”. University of Pennsylvania:

 Accreditation Council for Graduate Medical Education (ACGME), Core Curriculum for

 Heart Failure/Transplant Fellows; Philadelphia, PA.

May 9, 2014 Bridging the Gaps of Healthcare Disparities through Patient Outcomes Research

 Hospital of the University of Pennsylvania Disparity Conference

 North Carolina Central University students.

July 16, 2014Basic Transplant Immunology and Nursing Implications. Hospital of the University of

 Pennsylvania: Silverstein 10; Philadelphia, PA

July 17, 2014 Essential Transplant Immunology for Cardiology Fellows. University of Pennsylvania:

 Accreditation Council for Graduate Medical Education (ACGME), Core Curriculum for

 Heart Failure/Transplant Fellows; Philadelphia, PA:

Oct. 17, 2014 Staying Healthy after Heart Transplant: Change in Focus of Care over Time.

 Pennsylvania Chapter of the Second Chance Support Group: Penn Translational Research

 Center Auditorium

Sept. 27, 2014 Cardiac Allograft Vasculopathy. 23rd International Transplant Nurses Society

 Conference, Houston, Texas.

Sept. 28, 2014 Advanced Practice NP as Gatekeepers in Transplant Medicine. 23rd International

 Transplant Nurses Society Conference, Houston, Texas.

Sept. 29, 2014 Cardiorenal Syndrome Bench to Bedside. 23rd International Transplant Nurses Society

 Conference, Houston, Texas, September 27-29, 2014.

Sept. 29, 2014 Essential Transplant Immunology*.* 23rd International Transplant Nurses Society

 Conference, Houston, Texas.

May 18, 2015  Disparities and Variability in Chronic Illness Management based

 on Outcomes Research”, Hospital of the University of Pennsylvania Disparity Conference

 North Carolina Central University students.

June 13, 2015 Outcomes of Combined Heart-Liver Transplant with Congestive Hepatopathy. 24th

 International Transplant Nurses Society Conference, Chicago, June 13-14, 2015**.**

June 13, 2015 Step-wise Approach in writing a competitive research and clinical abstract.

24th International Transplant Nurses Society Conference, Chicago

June 14, 2015 Right Ventricle Failure: Is it Pulmonary or Portal Hypertension?

24th International Transplant Nurses Society Conference, Chicago

May 18, 2015 HUP Disparity Conference: “Disparities and Variability in Chronic Illness Management based

 on Outcomes Research”, North Carolina Central University students.

Sept. 22, 2016 Cardiothoracic Transplant and Critical Care Immunology and Immunotherapy Series (lectures

 at Heart and Vascular Intensive Care Unit, Coronary Care Unit, Medical Intensive Care,

 Cardiac Surgery Step-Down Unit, Coronary Intermediate Care Unit, and Medical Transplant

 Step-down Unit). Hospital of the University of Pennsylvania.

Oct. 14, 2016 Interpretation and Implication of Hemodynamic Values and Waveforms into Clinical Practice.

 25th International Transplant Nurses Society Conference, Pittsburg, PA

Oct. 15, 2016 Antigens, Antibodies and Cross Matching Made Easy. 25th International Transplant Nurses

 Society Conference, Pittsburg, PA

October 15, 2016 Triad of Symptoms and Desensitization Therapies for Antibody Mediated Rejection in Heart

 Transplant. 25th International Transplant Nurses Society Conference, Pittsburg, PA

Oct. 16, 2016 Building an Infrastructure for an Interprofessional Collaborative Patient Centered Outcomes

 Research. 25th International Transplant Nurses Society Conference, Pittsburg, PA

Feb. 24, 2017 Mechanical Circulatory Support: Nursing Care & Clinical Implications.

 Hospital of the University of Pennsylvania, Silverstein 10.

March 3, 2017 The art of SHARING: A Nexus for Research

 PCNP Professional Development Group Guest Lecturer.

 Hospital of the University of Pennsylvania,Ravdin 2.

August 21, 2017 Bedside RN Role in Educating Patients for Transplantation of High Risk +HIV, +HCV

 Donors. Hospital of the University of Pennsylvania, Silverstein 10th and 11th Intermediate

 Surgical Unit

Aug. 22, 2017Cardiac Transplant Immunology and Immunotherapy for Cardiology Fellows”*.* University of

 Pennsylvania: Accreditation Council for Graduate Medical Education (ACGME), Core

 Curriculum for Heart Failure/Transplant Fellows; Philadelphia, PA

June 24, 2017 Posterior Reversible Encephalopathy Syndrome:  Differential Diagnosis on Transplant

 Recipient with Seizures Associated with Calcinuerin Inhibitors Toxicity. International

 Transplant Nurses Society26th Transplant Nursing Symposium, Lake Buena Vista, Florida

June 24, 2017 Implications of Transplant Immunology and Basic Pharmacokinetics in Emerging Biologic

 Agents*”.* International Transplant Nurses Society26th Transplant Nursing Symposium, Lake

 Vista, Florida

June 25, 2017 [APN Role in the care of patients with a Mechanical Circulatory Support (MCS) as Bridge to](https://mail.uphs.upenn.edu/owa/redir.aspx?C=wJZDFnjVK_fEqmHcn5TKO1r8adz5oqKnyePgwHwyu8cNQ7Dz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11652" \t "_blank)

 [Transplantation](https://mail.uphs.upenn.edu/owa/redir.aspx?C=wJZDFnjVK_fEqmHcn5TKO1r8adz5oqKnyePgwHwyu8cNQ7Dz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11652" \t "_blank)"*.* International Transplant Nurses Society26th Transplant Nursing

 Symposium, Lake Buena Vista, Florida.

June 25, 2017 [Potpourri of Opportunistic Infection in Transplantation](https://mail.uphs.upenn.edu/owa/redir.aspx?C=ndEUN3NrjjYVc3bkevXd9eiGlgxbhBD6Ppz0i3BrlFVupLLz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11654)”. International Transplant Nurses

 Society26th Transplant Nursing Symposium, Lake Buena Vista, Florida

June 26, 2017 [Plasmapheresis and Desensitization Therapies for Solid Organ Transplantation](https://mail.uphs.upenn.edu/owa/redir.aspx?C=qzqZ92qG7W0tWBvjZO7ejrvTXfwBkf9bkkgBBDJoHFxupLLz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11653). International

 Transplant Nurses Society26th Transplant Nursing Symposium, Lake Buena Vista, Florida

June 26, 2017 HIV Organ Policy Equity (HOPE) Act and the APN role in utilization and implementation of

 HOPE Act in clinical practice. International Transplant Nurses Society26th Transplant

 Nursing Symposium, Lake Buena Vista, Florida

Aug. 16, 2017 Transplant Immunology Primer for Transplant Coordinators. Hospital of the University of

 Pennsylvania, 8th Floor Maloney, Philadelphia

Aug. 18, 2017 Bedside RN Hemodynamic Vigilance in Cardiac Primary Graft Dysfunction. Hospital of the

 University of Pennsylvania, 5th Floor Founders, heart and Vascular Intensive Care Unit

Aug. 21, 2017Bedside RN Role in Educating Patients for Transplantation of High Risk +HIV, +HCV

 Donors. Hospital of the University of Pennsylvania, Silverstein 10th and 11th Intermediate

 Surgical Unit.

Aug. 22, 2017 Cardiac Transplant Immunology and Immunotherapy for Cardiology Fellows. University of

 Pennsylvania: Accreditation Council for Graduate Medical Education (ACGME), Core

 Curriculum for Heart Failure/Transplant Fellows; Philadelphia, PA

Sept. 7,2017 Educating Bedside Nurses and Engaging the Heart Transplant Recipients about +Hep C and

 High Risk Donation, United Network for Organ Sharing, Region 2, Living Legacy

 Foundation, Baltimore, Maryland

Oct. 24, 2017 Addressing National Organ Shortage through scientific innovations and novel hepatitis C

 clinical trials. Advanced Practice Providers: Rapid Fire Specialty Update. Hospital of the

 University of Pennsylvania, Flyers/Sixers Surgery Auditorium.

Jan. 15, 2018 Basic Heart Transplant Immunology and Immunotherapy for Cardiology Advanced Practice

 Providers. Hospital of the University of Pennsylvania, Founders 10, Coronary Intermediate

 Care Unit.

Jan. 21, 2018  Immunology: Balancing Infection and Rejection for Heart and Lung Transplant Patients.

 Hospital of the University of Pennsylvania, Founders 5, Heart and Vascular Intensive Care

 Unit.

June 28, 2018 Implications of 2016 ISHLT Workgroup on Primary Lung Graft Dysfunction. European

 Transplant Nursing Symposium, Berlin, Germany

June 28, 2018 Global Incidence and Implications of Heart Primary Graft Dysfunction. European Transplant

 Nursing Symposium, Berlin, Germany.

June 29, 2018 Palliativ**e** Care in Solid Organ Transplantation: Creating a Seamless Integration.

 European Transplant Nursing Symposium, Berlin, Germany.

June 29, 2018 Global Implications and Perspectives of the Utilization of Mechanical Circulatory Devices as

 Bridge to Transplantation. European Transplant Nursing Symposium, Berlin, Germany.

June 30, 2018 Heart Transplant Nurse Practitioners as Global Partners in Transplant Medicine.

 European Transplant Nursing Symposium, Berlin, Germany.

June 30, 2018 Pre and Post Right Ventricle Optimization Strategies for Successful Bridge to Heart

 Transplantation. European Transplant Nursing Symposium, Berlin, Germany.

Sept. 28, 2018 Descriptive Analysis of Utilization of an Independent Advanced Practice Provider Clinical

 Practice Model in a Large Volume Heart Transplant Center. International Transplant

 Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 28, 2018 Transplant Nurses Responsibility in Engaging the Public in the Utilization ‘Increased Risk

 Donors.International Transplant Nurses Society27th Transplant Nursing Symposium,

 Rosemont, IL

Sept. 28, 2018 Cutting Edge Contributions of Nurses in the Management of Extracorporeal Membrane

 Oxygenator (ECMO) as a Bridging Strategy for Heart and Lung Transplantation.

 International Transplant Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 29, 2018 Palliative Care: An Integral Component of Transplant Care. International Transplant

 Nurses Society27th Transplant Nursing Symposium, Rosemont, IL.

Sept. 29, 2018 Advanced Practice Nurses as Gatekeepers in Diagnosis of Cardiac Primary Graft

 Dysfunction. International Transplant Nurses Society27th Transplant Nursing Symposium,

 Rosemont, IL

Sept. 29, 2018 Implications of Cannabis Use in Solid Organ Transplantation. International Transplant

 Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 29, 2018 Advanced Practice Nurse Clinical Management of Adult Congenital Heart Disease.

 International Transplant Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 29, 2018 Advanced Practice Nurses as Partners in Clinical Excellence in Mechanical Circulatory

 Support Program.International Transplant Nurses Society27th Transplant Nursing

 Symposium, Rosemont, IL

Sept. 30, 2018 2018 Immunization Updates for Solid Organ Transplantation. International Transplant

 Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 30, 2018 Optimization Strategies of Right Ventricle as a Bridge to Heart Transplantation.

 International Transplant Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 30, 2018 Advanced Practice Providers Role in Transitions of Care in Mechanical Circulatory

 Support Devices as Bridge to Transplantation. International Transplant Nurses Society

27th Transplant Nursing Symposium, Rosemont, IL

Sept. 30, 2018 Transplant Nurses Clinical Leadership Role in Preventing Incidence of Lung Primary

 Graft Dysfunction. International Transplant Nurses Society27th Transplant Nursing

 Symposium, Rosemont, IL

Sept. 30, 2018 Bedside Nurses and Advanced Practice Providers Responsibility in Educating the Patients

 in the Utilization of Novel Hepatitis C Clinical Trials. International Transplant Nurses

 Society27th Transplant Nursing Symposium, Rosemont, IL

Dec. 7, 2018 Phases of Care in Heart Transplantation: Balancing Infection and Rejection. Advanced

 Practice Provider-Critical Care Fellowship Lecture Series. Hospital of the University of

 Pennsylvania. Silverstein 3 Neurosurgery Conference.

Dec. 13, 2018 Cardiology Advanced Practice Provider Service Heart Transplant Management Updates.

Hospital of the University of Pennsylvania, Founders 10, Coronary Intermediate Care Unit

Jan. 30, 2019 New UNOS Cardiac Allocation System and Implications to Clinical Practice.

 Hospital of the University of Pennsylvania, Founders 5, Heart and Vascular Intensive Care

 Unit.

Feb. 19, 2019 Building an Infrastructure of Interprofessional Gender Research Collaboration Symposium”

1. *Nurse Practitioners and Global Impact to Clinical Practice; (2) Interprofessional Outcomes research for quality improvement and patient safety; (3) Grooming for greatness: Balancing work and home life.*

 Laguna State Polytechnic University, San Pablo City Amphitheater, Philippines.

 Sponsored by Departments of Gender and Development Resource, Center Guidance Services

 and Health Services. Philippines

**Feb. 23, 2019 Solid Organ Transplantation in the Philippines: Controversies and Current Issues.**

 **Philippine Heart Center, Lung Center of the Philippines, and National Kidney and**

 **Transplant Institute. Quezon City, Philippines.**

May 10, 2019 Passion to Publish” presented to Advanced Practice Providers- Professional Development

 Series. Hospital of the University of Pennsylvania

May 24, 2019 Passion to Research- presented to Doctor of Nursing Practice Students from University of

 Pennsylvania: Penn Nursing Science.

Sept. 5, 2019 UNOS CARE (Clinical Practice, Administrator, Research, Education) Collaborative Model

 Fall 2019 UNOS Region 2 Educational Forum, Arlington, VA, September 5, 2019 Clinical

 Application of Best Practices for Broader Sharing: OPO/Transplant Centers Administrator’s

 stepwise approach to surgeons credentialing Research Update on HCV Positive Organs into

 Negative Recipients Educating the donor and recipient about APOL1 Testing for Living

 Donors: Pros, Cons, and genetic implications.

Oct. 5, 2019 Multidisciplinary Intraoperative Risk Stratification for Arrythmogenic Right Ventricular

 Cardiomyopathy. 33rd European Association for Cardio-Thoracic Surgery EACTS Annual

 Meeting, At 33rd EACTS Annual Meeting, Lisbon, Portugal.

Nov.11, 2019 Potpourri of Mixed Connective Tissue Disorders and Implications to Heart and Lung

 Transplantation. International Transplant Nurses Society 28th Transplant Nursing

 Symposium, Orlando, FL

Nov. 12, 2019 Photopheresis for Persistent Cellular Rejection: Is there a gender and genetic

 predisposition? “At International Transplant Nurses Society 28th

 Transplant Nursing Symposium, Orlando, FL

Nov. 13, 2019 Mutations of Unclassified Genetic Cardiomyopathy: Lamin A/C and Danon Disease.

 International Transplant Nurses Society 28th Transplant Nursing Symposium, Orlando, FL.

May 10, 2019 Passion to Publish 2 Penn Advanced Practice Providers- Professional Development

 Series. Hospital of the University of Pennsylvania

May 24, 2019 Passion to Research 2. Doctor of Nursing Practice Students from University of Pennsylvania:

 Penn Nursing Science.

Feb. 1, 2020 3Ds: Drugs, Devices, and Directions. 1st MVJ International Nursing Advancement and

 Scientific Conference Series. Manila, Philippines

Oct. 22, 2020 A Year in Review with Cardiothoracic Allocation System. International Transplant Nurses

 Society 2020 Virtual Transplant Nursing Symposium

Oct. 23, 2020 Extracorporeal Membrane Oxygenation as a Bridge to Lung Transplantation and Survival.

 International Transplant Nurses Society Virtual Transplant Nursing Symposium.

Oct. 24, 2020 Mechanical Circulatory Support Devices and Clinical Implication to UNOS Cardiac

 Allocation System. International Transplant Nurses Society 2020 Virtual Transplant Nursing

 Symposium.

Sept. 9, 2021 Transplant Pharmacology: Pharmocogenomics and Immunogenetics.2021International

 Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Sept. 12, 2021 Triad of Kearns-Sayre Syndrome (KSS): Evaluation, Treatment, and Future Direction.

 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Sept. 12, 2021 Mitochondrial Cardiomyopathy and Next-Generation Sequencing (NGS) of the

 Mitochondrial Genome. 2021International

 Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Sept. 12, 2021 21st Century Cardiac Allograft Vasculopathy, Diagnosis, Prevention, and Education

 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Oct. 8, 2021 Advanced Practice Provider-Critical Care Fellowship Lecture Series. Hospital of the

 University of Pennsylvania. Silverstein 3 Neurosurgery Conference.

Oct. 12, 2021 Unique Ability of US NP in leading Clinical Excellence and Personalized Care: History

 and Outcomes” and “Innovations and Genetics in Heart Failure

 Perpetual Help Medical Center, Las Pinas, Philippines

March 5, 2022 COVID-19: Pearls, Prevention, and Precautions. Community Health Education

 Philippine Nurses Association of Southern New Jersey and Philadelphia, Inc

 Annual Public Health Education Drive

May 4, 2022 Advancement Learning Series-Innovation Focused”. The Alliance: Advancing Organ

 Donation and Transplantation. 2022 National Innovation Leadership Council Meeting.

 Southwest Transplant Alliance, Dallas, Texas

May 17, 2022 Cardiovascular Medicine Advanced Practice Provider Transitions of Care for COVID-19

 Patients: From Critical Illness to Outpatient Telemedicine”. Global Congress in Integrated

 Healthcare, Ishtar Dead Sea, Jordan (hybrid-virtual)

## June 24, 2022 Cardiogenetics and Gene Editing”. New York American College of Cardiology: 14th Annual

##  CVT Symposium New York Academy of Medicine, CVT Symposium, Dissection Workshop

##  & Summer Soirée Hosted by the New York State Chapter of the American College of

##  Cardiology and the New York Cardiological Society, in association with the New

##  York Cardiac Center.

July 22, 2022 Immunogenicity and Therapeutic Monoclonal Antibodies for Advanced Heart Failure and

 Cardiac Transplant: Preliminary Data. 2022 Global Congress on Pharmaceutical Sciences

 and Clinical Research. Osaka, Japan. (hybrid-virtual)

Sept. 26, 20222 Advanced Practice Provider Week: Interesting Case Presentation “Familial

 Hypercholesterolemia- Cascade Screening” University of Pennsylvania Health System

Sept. 28, 2022 Heart Transplant 101: University of Pennsylvania School of Nursing Course N877 (Advanced

 Clinical Concepts & Professional Role for Critical Care Advanced Practice Providers II)

Oct. 21, 2022 Gene Addition and Editing in 21st century. 30th International Nurses Society Conference,

 Chicago, Illinois.

Oct. 22, 2022 Advanced Heart Failure and Human Leukocyte Antigen Consideration for Heart Transplant

 University of Pennsylvania: Penn State of the Art Heart Failure Symposium

January 21, 2023 Genomics, the Universal Code of Humanity

 Association of Higher Education Multidisciplinary Researchers Inc (AHEdMRI)

 Beijing and Shanghai, China, and the Philippines

February 20, 2023 Basic Pharmacogenomics and Immunogenetics

 2nd International Conference on Healthcare Summit

 Goa, India

March 17, 2023 Advocacy, Leadership and Innovation to Promote Empowerment, Health, and Healing

 International Council of Women, United Nations, NY, USA

May 18, 2023 Solid Organ Disparities and Inequities in the Philippines

 National Kidney and Transplant Institute, Quezon City, Philippines

 40th year of Excellence in Renal Car and Organ Transplantation

June 8, 2023 Impact and Influence of Cardiovascular Genetic Testing

 Swiss Implementation Science, Basel, Switzerland

September 20.2023 Genomics Evidence-Based Practice around the World

 Penn Advanced Practice Providers- Grand Rounds

 University of Pennsylvania Healthcare System

September 26, 2023 Artificial Intelligence, Big Data and Computer Vision Technology

 The Alliance: Innovation and Advancement Learning Series

 Alliance Organ Donation and Transplantation

Oct. 14, 2023 Reducing Advanced Practice Providers Turnover. 31st International Nurses Society

 Conference, Dallas, Texas

Oct. 15, 2023 “Immuno Bill for All” and impacts on the “Iron Triangle”. 31st International Nurses Society

 Conference, Dallas, Texas

Oct. 20, 2023 INSPIRE Genomics Implementation Science

 Penn Advanced Practice Providers- Grand Rounds

 University of Pennsylvania Healthcare System

Posters:

June 18, 2014 Nesiritide Renoprotective Properties in Post-Op Cardiac Surgical Patients with Acute Kidney

 Injury. American Association of Nurse Practitioners National Conference, Nashville, TN

June 19, 2014 Outcomes in Patients with Advanced Cardiac Cirrhosis Requiring Combined Heart-Liver

 Transplantation.American Association of Nurse Practitioners Conference, Nashville, TN

March 21, 2015 CAV and Vascular Inflammation as Predictors of Cardiac Related Death in Cardiac Allograft

 Recipients: An Autopsy Series. 104th Annual Meeting United States & Canadian Academy of

 Pathology, Boston, MA

June 11, 2015 Advanced Practice Providers Relationship-Centered Clinical Practice Model. American

 Association of Nurse Practitioners National Conference, New Orleans, Louisiana

June 10, 2015 Risk Stratification Strategies in Preventing Transplant Atherosclerosis.American Association of

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Pre-Transplant Amiodarone Use at The Time of Orthotopic Heart Transplantation Predicts Post-Operative Need for Temporary Chronotropic Support, But Not the need for Permanent Pacemaker Implant Prior to Discharge. American Heart Association Scientific Sessions 2018, Chicago, IL, November 10, 2018

**Molina, M** and Quiaoit, Right Ventricular Assist Device (RVAD): An adjuvant therapy in variety of cardiovascular procedures., At Heart Failure 2019 - 6th World Congress on Acute Heart Failure. Athens, Greece. May, 2019

**Molina, M;** Quiaoit, Lajoie, J and Cash, N. Advanced practice providers ‘utilization of EUROMACS (European Registry for patients with mechanical circulatory support); single center experience, At Heart Failure 2019 - 6th World Congress on Acute Heart Failure. Athens, Greece. May, 2019

**Molina, MR**, Williams, MA, and Quiaoit, YA. *Outcomes of Heart Transplantation and Combined Heart-Liver Transplantation in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy*. The 30th International Nursing Research Congress, Calgary, Alberta, Canada, July 25-29, 2019.

Ziegler, A and **Molina, M**. Genetic Errors in Metabolism: Different Types of Syndromes and Inherited Disorder. At International Transplant Nurses Society 28th Transplant Nursing Symposium, Orlando, FL. November, 2019

Quiaoit, Y and **Molina, M.**  Transthyretin Amyloidosis (ATTR): Genetic and Clinical Implications. 2020 International Transplant Nurses Society Virtual Transplant Nursing Symposium.

Chiang, C and **Molina, M**. Takutsubo Cardiomyopathy in Liver Transplant Recipients. 2020 International Transplant Nurses Society Virtual Transplant Nursing Symposium.

Hanff, T; Zhang, R; **Molina, M**; Zhang, Y; McLean, R Mazurek, J; Tanna, M; Rame, J; Wald, J; Atluri, P; Acker, M; Jessup, M; Goldberg, L & Birati, E. Predicting Long-Term Survival after Heart Transplant Using Post-Transplant Cardiopulmonary Stress Tests. AHA 2019 Scientific Sessions of the American Heart Association, November 18, 2019, Philadelphia, PA.

Chambers, S; Wang, A; and **Molina, M**. Trans-COVID-19 Multi-Center Registry of Cardiac Transplant Patients in the United States with Confirmed COVID-19 and Impact to Transplant Medicine. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Grubb, E, and **Molina, M**. Varying Presentations and Management of Posterior Reversible Encephalopathy

Syndrome (PRES) in Transplant Medicine. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Cusack, T; Kannadan, M; and **Molina, M**. Tacrolimus Induced Acquired Thrombotic Microangiopathy and Role of ADAMST13 Deficiency. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

September, 2021

LaJoie, J; Barnes, M; Cash, N; and **Molina, M.** Sexually Transmitted Infections: The Burden and Implications. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Burke, M and **Molina, M**. Categorized, and Standardized Treatment Options for Cytomegalovirus Infection. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Quiaoit, Y and **Molina, M.** A Rare Case of Cytomegalovirus and Parvovirus B-19 Co-Infection after Transplantation. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Quiaoit, Y and **Molina, M.** Cytopenias after Solid Organ Transplantation: Primer for Clinicians. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Editorials, Reviews, Chapters, including participation in committee reports (print or other media):

2013- present BRIGHT study: international research liaison/project manager. BRIGHT (Building Research

 Initiative Group: Chronic Illness Management and Adherence in Transplantation)

Penn Transplant Institute representative to intercontinental study that analyzed practice patterns regarding pre- and post-transplant medication adherence assessment and interventions with different international heart transplant centers

**SELECT INTERNATIONAL COLLABORATION Publications: BRIGHT** [**Collaborators (45)**](https://www.ncbi.nlm.nih.gov/pubmed/28624338) **Maria Molina-USA East coast representative**

Senft, Y et. al. (2017) BRIGHT Collaborators**.** Practice patterns to improve pre and post-transplant medication adherence in heart transplant centres: a secondary data analysis of the international BRIGHT study. European Journal of Cardiovascular Nursing 17(2):147451511774757. December 2017. DOI 10.1177/1474515117747577

Cajita MI, et al (2017) BRIGHT Collaborators. [Heart transplant centers with multidisciplinary team show a higher level of chronic illness management - Findings from the International BRIGHT Study.](https://www.ncbi.nlm.nih.gov/pubmed/28624338) Heart Lung. 2017 Sep - Oct;46(5):351-356. doi: 10.1016/j.hrtlng.2017.05.006. Epub 2017 Jun 16.

Cajita, MI et. al (2017). BRIGHT Study Team. Do Heart Transplant Centers Have a Multidisciplinary Team as Indicated by ISHLT Guidelines? Findings from the International BRIGHT Study. The Journal of Heart and Lung Transplantation 36(4): S357-S358. April 2017. DOI 10.1016/j.healun.2017.01.1005

Cajita MI, et. al (2017); BRIGHT Collaborators. [Health literacy in heart transplantation: Prevalence, correlates and associations with health behaviors-Findings from the international BRIGHT study.](https://www.ncbi.nlm.nih.gov/pubmed/27773449) J Heart Lung Transplant. 2017 Mar;36(3):272-279. doi: 10.1016/j.healun.2016.08.024. Epub 2016 Sep 13.

Luta, X et. al. (2018) BRIGHT Collaborators. Variability in Trust in the Heart Transplant Team Internationally and Its Relation to Patient and Center Level Factors in Heart Transplant Centers: The International Cross-Sectional BRIGHT Study. The Journal of Heart and Lung Transplantation 37(4): S421. April 2018. DOI 10.1016/j.healun.2018.01.1092

Duerinckc, N. et al.BRIGHT Collaborators. Variability in Depressive Symptoms and Its Multilevel Correlates in Heart Transplant Recipients: Results from the International Cross-sectional BRIGHT Study. The Journal of Heart and Lung Transplantation 37(4): S20. April 2018.DOI 10.1016/j.healun.2018.01.027

Helmy, R. et al. (2019). BRIGHT Collaborators. Prevalence of Medication Nonadherence to Co-Medication Compared to Immunosuppressants in Heart Transplant Recipients: Findings from the International Cross-sectional BRIGHT Study. Clinical Therapeutics, 41 (1): 130 – 136. DOI: [10.1016/j.clinthera.2019.11.007](http://dx.doi.org/10.1016/j.clinthera.2018.11.007)

## Alaerts, E. et. al (2020) Variability in practice patterns regarding protective isolation measures after heart transplantation: A secondary analysis of the international BRIGHT study**.** [American Journal of Infection Control](https://www.sciencedirect.com/journal/american-journal-of-infection-control)

48 (7): 786-790. <https://doi.org/10.1016/j.ajic.2019.11.012>

Iglesias, K. et.al (2020) Validation of the patient assessment of chronic illness care (PACIC) short form scale in heart transplant recipients: the international cross-sectional bright study. BMC Health Serv Res 20,160 (2020). https://doi.org/10.1186/s12913-020-5003-3

Cajita, MI et. al (2021). Is degree of chronic illness management in heart transplant centers associated with better patient survival? Findings from the intercontinental BRIGHT study. Chronic Illness 2021. <https://doi.org/10.1177/17423953211039773>

Books:

Ticehurst, EH; **Molina, M;** Frank, R; Kearns, J; Lal, P; Goldberg, LR; Tsai, D; Wald, JW; Kamoun, M. *Antibody-mediated rejection in heart transplant recipients: long term follow-up of patients with high*

*levels of donor-directed anti-DQ antibodies.* In: Checka, JM and Terasaki PI, editors. Clinical

Transplants 2011: 409-414. Los Angeles, UCLA Tissue Typing Laboratory, 2012.

**Molina, M** Co-author/contributor. Cardiovascular Nursing: Scope and Standards of Practice 2nd

 Edition*.* [American Nurses Association](http://m.barnesandnoble.com/c/american%20nurses%20association/0) for [American Nurses Publishing](http://m.barnesandnoble.com/s/american%20nurses%20publishing/54456)

 **PUB. DATE** July 2015; ISBN: 9781558106239; PUB# 9781558106239

Kunkel, K; **Molina, M** & Wald, Joyce. Combined Heart Transplantation with Other Organ Transplantation (2020 edition). 10.1007/978-3-319-33280-2\_34-1. Part of the [Organ and Tissue Transplantation](https://link.springer.com/bookseries/13177) . Contemporary Heart Transplantation Book- Editors, Bogar and Stempien-Otero

Alternative Media: (List any other non-peer reviewed contributions to alternative communication formats, such as instructional audio or video tapes, articles in the lay press, educational material via Internet, etc.)

[Maria Reila Molina, CRNP, MSN profile | PennMedicine.org](https://www.pennmedicine.org/providers/profile/maria-molina)

[ECMO as Bridge to Lung Transplant - Penn Medicine](https://www.pennmedicine.org/for-health-care-professionals/for-physicians/physician-education-and-resources/clinical-briefings/2017/june/ecmo-as-bridge-to-lung-transplant)

[(19) Maria Reila Molina (researchgate.net)](https://www.researchgate.net/profile/Maria-Molina-29)

[Maria Molina - The Organ Donation and Transplantation Alliance (organdonationalliance.org)](https://www.organdonationalliance.org/profile/maria-molina/)

[(22) Feed | LinkedIn](https://www.linkedin.com/feed/?trk=404_page)

[News - Internal Newsletters: HUPdate | Penn Medicine](https://www.pennmedicine.org/news/internal-newsletters/hupdate)

Research/Quality Improvement Projects (date, title, funding source if applicable)

2012-2016 Co-investigator: Building an Infrastructure for a Team-Based Patient Centered Outcomes

 Research Database for Quality Improvement and Patient Safety.

2014-2019 Co-investigator: ORDER (Outcomes Research of Drug interactions and Economic

 Relationship) Study

2015-2020 Co-investigator: ROHT (Research Outcomes of Heart Transplant) Study

2015 Member, Process Improvement Project/Penn Transplant Institute/Reporting and

 Documenting Donor Positive Culture

2016-present Co-investigator: L-TOR (Lung Transplant Outcomes Research) Study

2016-present Co-investigator: Outcomes Research of ECMO (Extracorporeal Membrane Oxygenator)

 Recipients.

2015-2020 Co-investigator: ICD Deactivation at End of Life (Social and Behavioral Sciences)

2017-present Study Coordinator: A Prospective Randomised Trial of Early LV Venting Using Impella CP

 for Recovery in patients with cardiogenic shock managed with VA ECMO (REVERSE)

 Study

 2018-2021 Sub-Investigator, Gene Expression- Allomap Result Review/Penn Heart Transplant

2020-present Sub-Investigator, Multi-center Trans-VAD COVID Registry

2020-present Good Shepherd Penn Partners/Heart Transplant Partnership Workgroup, Pathway

 Development for heart transplant recipients in acute rehabilitation

2020-present Co-chair Decreasing Hospital Length of Stay and Readmissions for Heart Transplant

 Patients at HUP

2022 Primary Investigator: Penn Advanced Practice Provider Implementation Science Registry

2023 Primary Investigator: INSPIRE: Improving Knowledge of Genomics in Cardiology Practice

 Program Evaluation

Grants (date, title, funding source)

2013-2015 BRIGHT (Building Research Initiative Group: Chronic Illness Management and

 Adherence in Transplantation)

 Funded by Institute of Nursing Science of the University of Basel (Switzerland), the

 Center of Health Services and Nursing Research of the University of Leuven (Belgium),

 and the International Transplant Nurses Society (ITNS).

Community/Service Activities (date, organization, activity)

1988-1994 Volunteer, Philippine Red Cross Disaster Relief Program

2007-2009 Volunteer, Camden County, NJ Free Clinic

2014-2015 Volunteer, Franklin Community- Ronald MacDonald Hospitality House

2016-2018 Volunteer, American Heart Association “Go Red Campaign”

2017-present Volunteer, Philippine Angels of Donation Caravan

2019-present Volunteer, American Heart Association, West Philadelphia Community Heart

 Healthy Program

2021 Volunteer, Penn Heart to Heart Program and New Life Community Deliverance

2021 Volunteer, PCAM 15 COVID19 Vaccine Clinic