

# CAROLYN A. DUBEAU

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## EDUCATION

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**Frank H. Netter MD School of Medicine, Quinnipiac University, Hamden, CT** August 2016-May 2020  
Doctor of Medicine (MD), anticipated May 2020

**Concentration:** Basic, Translational, and Clinical Research

**Capstone:** “Essential Wisdom: Inspiring Future Female Physicians”

A Podcast for Pre-Medical and Medical Students planning their pursuit of the medical field.

**Elective Coursework in Education:** “Leading the Instructional Program to Improve Student Learning”

Additional, elective emphasis on curricular design and instructional strategies to improve student learning.

**Select Example Project:** Design of an instructional unit for cardiovascular health for middle school students.

USMLE Step One Score: 249

### Awards:

*2019 Women in Thoracic Surgery Brigid Scanlan Traveling Mentorship Award*

*Gold Humanism Honor Society Nominee*

*2019 Society of Thoracic Surgeons Looking to the Future Scholarship*

*Paul C. Montana Service Award*

*Frank H. Netter MD School of Medicine Scholarship Grant - \$30,000*

*Frank H. Netter MD School of Medicine Academic Summer Research Fellowship - \$4,000*

*First Place Research Poster, Saint Vincent's Medical Center Science Symposium 2017*

### Certifications/Training:

BLS, ACLS, TEAM, IRB, Human Subjects Training

**Saint Mary's College, Notre Dame, IN**

August 2012-June 2016

**Summa Cum Laude**, Bachelor of Science in Biology, Minor in Chemistry

**Senior Comprehensive:** A Survey of Patient Education and Offspring Birth Weight in Women with Type 1, Type 2, and Gestational Diabetes Mellitus.

**Featured Artwork:** “Passion in Sciences”, A hand-drawn piece that was selected to be featured on the walls of the new construction of Saint Mary's College Science Hall remodel. It has since been adapted to a wallpaper piece and can be seen on a hallway panel in newly renovated building.

### Awards:

*Sister M. Rosaleen Dunleavy Allied Health Award*

*Kappa Gamma Pi (National Catholic College Graduate Honor Society)*

*Beta Beta Beta Biological Honor Society*

*Moreau Presidential Scholarship (All Semesters 2012-2016)*

*Academic Dean's List (All Semesters 2012 -2016)*

**Santa Margarita Catholic High School, Rancho Santa Margarita, CA**

August 2008-June 2012

Certificate International Baccalaureate

### Awards:

*National Honors Society, California Scholarship Federation, Department of Vocal Music Director's Award, Department of Vocal Music Most Inspirational Award, 2012 Officer Award, Childress M.A.C.Y. Award of Outstanding Achievement, Peer Ministry Academic Award*

Activities: Senior Class Vice President, Chamber Choir (President, Secretary, Member), Talon Theater, Peer Ministry, Music Ministry, Water Polo (Team Captain), Swim Team

## PROFESSIONAL MEMBERSHIPS

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### National:

American Medical Women's Association, <b>Medical Student/Resident Combo Member</b>	2018-Present
Society of Thoracic Surgery, <b>Pre-Candidate Membership</b>	2018-Present
Women in Thoracic Surgery, <b>Candidate Membership</b>	2018-Present
American College of Surgeons, <b>Medical Student Member</b>	2017-Present
American Academy of Communication in Healthcare, <b>Medical Student Member</b>	2016-Present
American College of Physicians, <b>Medical Student Member</b>	2016-Present
American Medical Association, <b>Medical Student Member</b>	2016-Present

### Local:

American Medical Women's Association, Netter Chapter, <b>Member</b>	2018-Present
Lifestyle Medicine Interest Group, <b>Founding Member</b>	2017-Present
Surgery Interest Group, <b>Member</b>	2016-Present
Pediatric Interest Group, <b>Member</b>	2016-Present
<i>Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	

## RESEARCH

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### CURRENT EXPERIENCES:

<b>American Medical Women's Association Student Social Media Committee</b>	2018-Present
<b>Medical Student Fellow, IRB Authorship, Survey Design, Data Analysis</b>	
<i>American Medical Women's Association; Massachusetts General Hospital, Boston, MA; and Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	
"Influence of Social Media on Medical Student Career Aspirations and Perception of Women in Medicine". Co-Principal Investigators: Rebecca Minehart, MD, MSHPEd Amanda Xi, MD, MSE	

<b>Cardiovascular Genetics Research Associate</b>	2017-Present
<b>Medical Student Fellow, ECG Measurement and Analysis</b>	
<i>Cardiovascular Genetics Center, Brigham and Women's Hospital, Boston, MA</i>	
"Left Atrial Remodeling in HCM: Serial Analysis of ECG Markers in Disease Progression" Principal Investigator: Neal Lakdawala, MD	

<b>Undergraduate Medical Education</b>	2016-Present
<b>Medical Student Fellow, Data Analysis, Abstract Authorship</b>	
<i>St. Vincent's Medical Center, Bridgeport, CT and Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	
"Use of Echocardiography for Optimization of CRT-Devices in Management of Patients with Treatment Resistant Heart Failure" Principal Investigators: Joseph Tiano, MD, William DeForge, PhD	

### PAST EXPERIENCES:

<b>Undergraduate Medical Education</b>	2016-2017
<b>Medical Student Fellow</b>	
<i>St. Vincent's Medical Center, Bridgeport, CT and Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	
1. "The APPROACH Study: A Randomized Controlled Trial Evaluating Hybrid Ablation Approaches for Treatment of Persistent and Long Standing Persistent Atrial Fibrillation" Role: Protocol Design and Authorship, IRB Authorship Principal Investigator: Joseph Tiano, MD Research Coordinator: Lindsey Scierka, MD, MPH	
2. "The APPROACH Study: A Randomized Controlled Trial Evaluating Hybrid Ablation Approaches for Treatment of Persistent and Long Standing Persistent Atrial Fibrillation, Database Design and Implantable Cardiac Monitor Review" Role: Database Design, Literature Review Authorship <i>Presented at Frank H. Netter MD School of Medicine Summer Research Poster Day</i>	

3. “A Novel Approach to Hybrid Atrial Fibrillation Ablation: Outcomes of the ‘TS’ Approach, 5 Years of Follow Up”  
Role: Data Analysis, Abstract Authorship, Presenter  
Principal Investigator: Joseph Tiano, MD  
Research Coordinator: Lindsey Scierka, MD, MPH  
*Presented at American Heart Association Scientific Sessions, 2017 and Saint Vincent’s Medical Center Science Symposium, 2017*

**Senior Comprehensive in Biology** 2014-2016

**Undergraduate Research Associate, Protocol Authorship, Survey Design, Data Collection and Analysis**  
*Saint Mary’s College, Notre Dame, IN*  
*Maternal-Fetal Medicine, Memorial Hospital, South Bend, IN*

“A Survey of Patient Education and Offspring Birth Weight in Women with Type 1, Type 2, and Gestational Diabetes Mellitus”

Principal Investigator: Kurt Stiver, MD

*Presented at Saint Mary’s College Senior Comprehensive Poster Session and Saint Mary’s College Senior Comprehensive Oral Presentations, 2016*

**Undergraduate Microbiology** 2014

**Laboratory Assistant**

*Saint Mary’s College, Notre Dame, IN*

Isolating bacteria from cultures of common probiotic products.

Principal Investigator: Reena Lamichhane Khadka, PhD

**PUBLICATIONS/PRESENTATIONS**

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**PUBLICATIONS:**

**Dubeau, C.** “Passion in Sciences”. 2012. Pencil. Saint Mary’s College, Notre Dame, IN.

**PRESENTATIONS:**

Scierka, L., **Dubeau, C.**, DiMeo, A., Squitieri, R., Tiano, J. (2017, November). “A Novel Approach to Hybrid Atrial Fibrillation Ablation: Outcomes of the ‘TS’ Approach, 4 Years of Follow Up”. American Heart Association: Scientific Sessions, 2017. Anaheim, CA.

**Dubeau, C.**, Scierka, L., Tiano, J. (2017, October). “The APPROACH Study: A Randomized Controlled Trial Evaluating Hybrid Ablation Approaches for Treatment of Persistent and Long Standing Persistent Atrial Fibrillation, Database Design and Implantable Cardiac Monitor Review”. Frank H. Netter MD School of Medicine Summer Research Poster Day, North Haven, CT.

Scierka, L., **Dubeau, C.**, DiMeo, A., Squitieri, R., Tiano, J. (2017, March). “A Novel Approach to Hybrid Atrial Fibrillation Ablation: Outcomes of the ‘TS’ Approach, 4 Years of Follow Up”. Saint Vincent’s Medical Center Science Symposium, Bridgeport, CT.

**Dubeau, C.**, Nekvasil, N., Stiver, K. (2016, April). “A Survey of Patient Education and Offspring Birth Weight in Women With Type 1, Type 2, and Gestational Diabetes Mellitus”. Saint Mary’s College Senior Comprehensive Oral Presentations, Notre Dame, IN.

**Dubeau, C.**, Nekvasil, N., Stiver, K. (2016, April). “A Survey of Patient Education and Offspring Birth Weight in Women With Type 1, Type 2, and Gestational Diabetes Mellitus”. Saint Mary’s College Senior Comprehensive Poster Session, Notre Dame, IN.

**ABSTRACTS:**

Soucier-Tagliavini, D., **Dubeau, C.**, DeForge, W., Tiano, J., Conelius, J. (2019, April). “The Effect of Biventricular Pacemaker Optimization on Heart Failure Burden”.  
*Eastern Nursing Research Society Scientific Sessions 2019, Providence, RI.*

Scierka, L., **Dubeau, C.**, DiMeo, A., Squitieri, R., Tiano, J. (2017, November). “A Novel Approach to Hybrid Atrial Fibrillation Ablation: Outcomes of the ‘TS’ Approach, 4 Years of Follow Up”.  
*American Heart Association Scientific Sessions 2017, Anaheim, CA.*

Scierka L., Dubeau, C., DiMeo, A., Squitieri, R., Tiano, J. (2017, March). "A Novel Approach to Hybrid Atrial Fibrillation Ablation: Outcomes of the 'TS' Approach, 4 Years of Follow Up".  
*Saint Vincent's Science Symposium 2017, Bridgeport, CT.*

## **ACTIVITIES AND LEADERSHIP**

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- Student Committee Member, American Medical Women's Association Social Media** 2018-Present  
*American Medical Women's Association National Committee*  
Managing AMWA social media between multiple media platforms in collaboration with committee.
- Class of 2020 Student Representative, Clinical Arts and Sciences Course Committee** 2016-Present  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Four-year appointment as a voting-member at monthly committee meetings for continual analysis and improvement of medical undergraduate clinical education at Frank H. Netter MD SOM.
- Student Mentor and Panelist, Surgery Interest Group** 2018  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Participating in a peer-mentoring session and panel for discussing third year rotations, USMLE Step 1, and Capstone with first and second year members of the Surgery Interest Group.
- Essential Wisdom: Inspiring Future Female Physicians, Podcast** 2018-Present  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Design and development of a podcast for pre-medical and medical students including interviews with female physicians to gather mentorship and advice regarding specialty, lifestyle, and practice.
- Student Coordinator and Volunteer, Science Friday Program** 2017-2018  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Paul C. Montana Service Award Recipient  
Science Friday program provides monthly science enrichment for underprivileged students grades 5-8 at St. Martin dePorres school in New Haven, CT. My roles involve organizing volunteer teachers for monthly events, writing, and teaching monthly lessons. My lesson "Blood Flow Through the Heart" was featured in Quinnipiac Magazine.
- Creator and Program Coordinator, Peer-to-Peer Clinical Reasoning Masterclass** 2017-2018  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Design of a co-curricular program for second year medical students including six sessions with Medical Residents teaching clinical reasoning through case presentation based on curricular topics.
- M1 Liaison, Surgery Interest Group** 2016-2017  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Participation in the Surgery Interest Group Board as a representative of the first year class, organizing service events, suturing workshop, and group meetings.
- Founding Member, Lifestyle Medicine Interest Group** 2016  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
Development of an interest group devoted to promoting wellness, including establishment of 'Walk With a Doc' at Netter SOM, where Quinnipiac and North Haven community members gather to walk for health promotion.
- Cardiology Externship** 2016  
*Mission Hospital, Mission Viejo, CA*  
Summer enrichment in Interventional Cardiology including >60 hrs. observing in Cath Lab and outpatient Cardiology.
- Teaching Assistant, General Physiology 328** 2016  
*Saint Mary's College, Notre Dame, IN*  
Set-up and instruction of laboratory sessions for General Physiology for biology and nursing majors.
- Vice President, Choir Board, Section Leader Saint Mary's College Women's Choir** 2015-2016  
*Saint Mary's College, Notre Dame, IN*  
Organizing choir tour, events, and team-building. Supervising sections of ~10 singers in three weekly rehearsals. Promoting and managing attendance and music preparation.

<b>Vice President, Xi Chi Chapter, Beta Beta Beta Biological Honor Society</b>	2015–2016
<i>Saint Mary's College, Notre Dame, IN</i>	
Coordinating college student tutoring, research colloquia, and guest speakers for Biology Department.	
<b>Peer Mentor and Instructor, Biology Major Sophia Program in Liberal Arts Learning</b>	2015–2016
<i>Saint Mary's College, Notre Dame, IN</i>	
Teaching weekly lecture for first-year biology majors throughout the first-semester transition to college. Individual meetings for peer counseling on engagement and success during first year.	
<b>Biology Tutor, High School General Biology</b>	2015
<i>Saint Mary's College, Notre Dame, IN</i>	
<b>Admissions Ambassador</b>	2013–2015
<i>Saint Mary's College, IN</i>	
Leading weekly tours and twice-yearly events for prospective students of Saint Mary's College.	
<b>Camp Counselor, Summer Academy for Female High School Learners</b>	2014
<i>Saint Mary's College, Notre Dame, IN</i>	
Teaching summer camp in Forensic Science, Theatre, and Visual Arts. Responsibility for 10-20 students 24 hours/day during three-week camp experience.	
<b>Director, Section Leader, Social Outreach Bellacappella</b>	2012–2016
<i>Saint Mary's College, Notre Dame, IN</i>	
Directing two rehearsals/week for a 12-woman ensemble during the academic year, arranging music for acappella voices, staging and producing one show each semester, and leading outreach workshops with Boys and Girls Club of South Bend and senior living communities throughout South Bend.	
<b>Biology Department Representative, Admissions Days</b>	2012–2016
<i>Saint Mary's College, Notre Dame, IN</i>	
<b>Section Leader, Madrigal Singers</b>	2013
<i>Saint Mary's College, Notre Dame, IN</i>	
<b>Student Representative, Science Hall Renovations Committee</b>	2012
<i>Saint Mary's College, Notre Dame, IN</i>	

## **VOLUNTEER**

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<b>Anatomy Teaching Demonstrations</b>	2017–Present
<i>The Morgan School, Clinton, CT</i>	
Leading dissection of kidneys, heart, and brain for high school students 1-2x/semester.	
<b>Faculty-Staff Appreciation Planning and Event Committee</b>	2018
<i>Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	
Planning annual faculty appreciation week, with performance in skit and musical act.	
<b>Second Look Weekend Planning and Event Committee</b>	2017
<i>Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	
Organizing and teaching at Second Look weekend for accepted prospective medical students including cardiac anatomy and pathology dissection demonstration.	
<b>Chaperone, High School Choir International Tour</b>	2017
<i>Santa Margarita Catholic High School, CA</i>	
Chaperoning 41 high school student singers over an 8-day tour of Austria.	
<b>Music Director, Ceremony of Gratitude</b>	2016
<i>Frank H. Netter MD School of Medicine, Quinnipiac University, CT</i>	
Directing a small cohort of medical students for performance at the Ceremony of Gratitude for families of anatomy donors.	

- St. Valentine's Day at St. Vincent's Medical Center** 2016  
*Frank H. Netter MD School of Medicine, Quinnipiac University, CT*  
 Organizing and volunteering for Valentine's Day event at Saint Vincent's Medical Center with Surgery Interest Group including letter writing and flower delivery to patients.
- Friends with Sisters Program** 2012-2016  
*Sisters of the Holy Cross, Saint Mary's College, Notre Dame, IN*  
 Dedicating 3 hours/week visiting with one elderly Catholic Sister to provide camaraderie.
- Northern Indiana Science Fair Judge** 2014  
*University of Notre Dame, IN*  
 Speaking with middle school and high school students about science projects and posters as a judge representing Saint Mary's College.
- First-Year Retreat Leader** 2013  
*University of Notre Dame, IN*
- Classroom Aide and Pen Pal, 4<sup>th</sup>-8<sup>th</sup> Grade** 2013  
*Saint Joseph Grade School, South Bend, IN*

## **MENTORS AND REFERENCES**

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HelenMari Merritt, DO, FACS  
 Assistant Program Director, Cardiothoracic Surgery Residency Program  
 University of Nebraska Medical Center  
 Phone: (210) 863-8289  
 Email: [helenmari.merritt@gmail.com](mailto:helenmari.merritt@gmail.com)  
*Women in Thoracic Surgery Mentor*

Joseph Tiano, MD  
 Electrophysiology, Assistant Professor  
 Saint Vincent's Medical Center, Frank H. Netter MD School of Medicine  
 Phone: (203) 254-2452  
 Email: [jjtiano1@gmail.com](mailto:jjtiano1@gmail.com)  
*Research Mentor*

Neal Lakdawala, MD, MSc  
 Associate Physician, Instructor in Medicine  
 Brigham and Women's Hospital, Harvard Medical School  
 Phone: (857) 307-4000  
 Email: [nlakdawala@bwh.harvard.edu](mailto:nlakdawala@bwh.harvard.edu)  
*Research Mentor*

Rafael Squitieri, MD  
 Chief of Cardiothoracic Surgery  
 Saint Vincent's Medical Center  
 Phone: (475) 210-5708  
 Email: [rsquitieri@aol.com](mailto:rsquitieri@aol.com)  
*Cardiothoracic Surgery Mentor*

## **PERSONAL INTERESTS**

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I enjoy running 10k's and half-marathons, hiking, and creating across many outlets: guitar, piano, ceramics, and painting.