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EDUCATION

Northeastern University, College of Arts Media and Design

- *PhD in Interdisciplinary Design and Media*

September 2023– Present

Northeastern University, Bouvé College of Health Sciences

- *Master Science in Nursing: Adult/Gerontology Primary Care ANP: GPA 4.0*
- *Bachelor Science in Nursing: GPA: 3.85 Summa Cum Laude*

September 2021– May 2023

September 2016 – May 2020

LICENSES & CERTIFICATIONS

- Commonwealth of Massachusetts BORN License RN2344721
- Basic Life Support for Health Care Providers (BLS)

PUBLICATIONS

- Yu, C., and Arnold Mages, M. (2026) Designing with care for the end of life: a reflective co-design workshop using material facilitation, DRS2026: Edinburgh 8-12 June, Edinburgh, UK.
<https://doi.org/10.21606/drs.2026.462>
- Yu, C., and Arnold Mages, M. (2024) Exploring opportunities to design for decision-making in palliative care contexts: A rapid overview of recent literature reviews in healthcare and design fields, in Gray, C., Ciliotta Chehade, E., Hekkert, P., Forlano, L., Ciuccarelli, P., Lloyd, P. (eds.), DRS2024: Boston, 23–28 June, Boston, USA. <https://doi.org/10.21606/drs.2024.1062>
- Foglieni, F., Leoni, F., Kim, M., Cantalupi, S., Yu, C., Maffei, S., Bianchini, M., Mages, M.A., Chehade, E.C., and Ciuccarelli, P. (2024) Developing evaluation models for patient-centeredness, in Gray, C., Hekkert, P., Forlano, L., Ciuccarelli, P. (eds.), DRS2024: Boston, 23–28 June, Boston, USA.
<https://doi.org/10.21606/drs.2024.1657>

SELECTED RESEARCH EXPERIENCES

Northeastern University

College of Arts Media and Design (Center for Design Health and Wellness lab) & Bouvé College of Health Sciences

Graduate Research Assistant

OurSleepKit Project (1R01HL160836-01)

March 2022– Present

- Collaborate with a multidisciplinary team, including sleep medicine, design, media, and CS, to develop, refine, and test the dyadic mobile health application, OurSleepKit, aimed at promoting CPAP therapy adherence
- Assist faculty with research and creative activities, coordinating and delegating tasks as needed
- Develop work plans in accordance with project objectives and contribute to the development of research
- Plan and conduct usability and field test interviews, and assist in facilitating the clinical trial process

ECMH Project

August 2023– Present

- Work with Boston Public Health Commission (BPHC) and multidisciplinary NEU team (public health, UX design, CS) to develop and pilot-test a smartphone app facilitating communication between community health workers and caregivers of young children, supporting early childhood mental health.
- Conduct dyad interviews to identify needs from the target population for initial app design.
- Contribute to app prototyping and subsequent phases of development of the app.

Knox Clinic & Thomaston Green C2C Project

January 2024– Present

- Collaborate with Knox Clinic and interdisciplinary NEU faculty (nursing, architecture, design, communication studies) on community health promotion projects in Knox County, Maine
- Participate in the redesign of Thomaston Green Park in Thomaston town, Knox County, to enhance community health and wellness
- Conduct literature reviews to support park redesign initiatives, engage with Thomaston town stakeholders, assist in creating a long-term project plan, and help identify funding to sustain collaboration and future research
- Support the design, planning, and deployment of a mobile health van for Knox Clinic

TEACHING EXPERIENCES

Northeastern University
College of Arts Media and Design
Teaching Assistant

ARTG 6310: Design for Behavior and Experience

Spring 2024

- Co-developed course focus on healthcare design, contributing to syllabus design and instructional materials
- Helped design three course projects and led development of one studio project focused on designing for chronic conditions
- Co-facilitated studio sessions, guiding students through project development and design processes
- Supported student learning in qualitative and participatory research methods, including ethnographic observation, interviews, shadowing, and co-creation
- Mentored students in applying experience design methods such as mapping, prototyping, and visualization
- Provided feedback on student work to support critical analysis, design thinking, and professional deliverables
- *Conference Presentation: Interdisciplinary Teaching: Connecting Design and Healthcare in the Classroom* (CAEBL 2025)
 - Presented a course model integrating experience design and healthcare contexts in an interdisciplinary studio setting
 - Showcased three student projects focused on habit formation, treatment adherence, and shared decision-making
 - Drew on student interviews and course reflections to evaluate learning outcomes and teaching effectiveness
 - Proposed a future model for interdisciplinary, experience-based learning that bridges design and healthcare education

COMM 2110: Sports, Media, & Communication

- Led weekly discussion sections, facilitating case-based deliberations on sports media cases and communication theories
- Guided students in applying theoretical frameworks and communication studies concepts to real-world scenarios
- Evaluated weekly case preparation documents and participation using structured rubrics
- Provided detailed feedback to support students' critical thinking, argument development, and use of course concepts
- Supported student learning through office hours and one-on-one guidance on assignments and course material

CLINICAL ROTATIONS

Brigham and Women's Hospital

Boston, MA

Nurse Practitioner practicum **Lung Transplant Service**

January – April 2023

- Conducted comprehensive post-transplant assessments for lung transplant recipients under the supervision of an NP preceptor
- Assessed for medical needs such as infections, rejection, or other acute complications, developing and implementing individualized care plans, ordering appropriate testing, and referring for further evaluation if needed
- Coordinated care and referrals with other disciplines' care teams to ensure seamless patient care delivery
- Assisted in pre-transplant evaluation and advocated for patient and caregiver needs
- Provided patient education on post-transplant care, medication management, and lifestyle modifications

Beth Israel Deaconess Medical Center

Boston, MA

Nurse Practitioner practicum **Palliative Care**

September – December 2022

- Practiced with an NP preceptor to provide palliative care consults for hospitalized patients with serious and advanced diseases
- Addressed physical symptoms and stress as well as provide emotional and spiritual support to patients and families
- Conducted assessments and establish or revise care plan in consultation with patient/family and primary team

- Coordinated care and referrals with other healthcare professionals

Crimson Care Collaborative

Boston, MA

Nurse Practitioner practicum Healthcare Associate Clinic

September – December 2022

- Worked with senior clinicians to deliver comprehensive chronic disease management and urgent care in an outpatient clinic setting under the supervision of the attending physician
- Analyzed and interpreted patients' histories, symptoms, physical assessment findings to formulate differentials, order appropriate diagnostic tests/labs, develop individualized care plan and refer as clinically indicated
- Provided patient education on chronic disease management, health promotion and disease prevention

Brigham and Women's Hospital

Boston, MA

Senior Nursing Practicum Interventional Radiology Department

January – April 2020

- Practiced the professional nursing role under the supervision of a RN preceptor in a 4-suite IR unit
- Developed, implemented, and evaluated care plans to meet patient care needs safely and efficiently for various IR procedures such as angioplasty and stent insertion, trans-arterial chemoembolization (TACE), and nephrostomy
- Coordinated with multidisciplinary teams to provide optimum patient care by screening, prepping and monitoring patients throughout all stages of procedures

HEALTHCARE WORK EXPERIENCES

CareOne At Brookline

Brookline, MA

Registered Nurse Sub-Acute (COVID quarantine) & Long-Term Care

November 2020 – July 2021

- Carried out comprehensive nursing care to patients with various needs, such as complex medical care, chronic disease management, orthopedic and pulmonary rehabilitation, and stroke recovery
- Worked with internal medicine providers to plan, implement, and evaluate plans of care and treatment, and formulated long-term and short-term rehabilitation programs for patients
- Collaborated with other interdisciplinary team members to expedite recovery and rehabilitation
- Demonstrated nursing skills include IV therapy, complex wound care, respiratory therapy, trach care, TPN, enteral feeding, ostomy care, sterile dressing, catheter insertion and care, lab draw, peritoneal dialysis, etc.
- Coordinated and organized patient care with other specialties and healthcare services in the community, and facilitated appropriate follow-up appointments for patients during the stay and after discharge

Atrius Health

Watertown, MA

Registered Nurse Internal Medicine, Immunization Clinic

September 2020 – November 2020

- Delivered compassionate care while administering vaccines skillfully to individuals age 6 months and older
- Ensured all patients' concerns related to the visit were solved and considered age-related needs of the patients
- Provided proper education and follow-up instructions based on individual or family needs

Beth Israel Deaconess Medical Center

Boston, MA

Patient Care Technician Rosenberg, Medical ICU

July 2019 – December 2019

- Collaborated effectively with ICU teams to carry out cares for critically ill patients with a wide range of serious medical illnesses from sepsis to pneumonia, acute respiratory distress syndrome to multiple organ failure
- Performed various nursing tasks including straight catheterization, basic wound care, temperature management, and oral care for patients with endotracheal/nasotracheal and tracheostomy tubes

Patient Care Technician Farr 2, General Medicine

July 2018 – December 2018

- Provided nurses with assistance with diverse requests such as IV management, catheterization, wound care, and ostomy care for acutely ill complex medical patients
- Displayed clinical skills in assessing vitals, performing glucose checks, collecting samples, and obtaining EKGs
- Ensured patients' safety and wellbeing through ambulation and feeding, and assisted with ADLs