

**Rachel Cox Simms, DNP, MS-HPEd, FNP-BC**

School of Nursing  
MGH Institute of Health Professions  
36 1<sup>st</sup> Avenue  
Boston, MA 02129-4557  
rlcox@mghihp.edu

**Education**

Doctor of Philosophy Student, Health Professions Education, MGH Institute of Health Professions, Boston, MA	Current
Master of Science, Health Professions Education, MGH Institute of Health Professions, Boston, MA	2023
Doctor of Nursing Practice, University of Massachusetts Amherst, Amherst, MA	2020
Master of Science, Nursing, Boston College, Chestnut Hill, MA	2015
Bachelor of Science, Biology, Tufts University, Medford, MA	2013

**Certificates and Licensure**

Massachusetts RN/CNP	2015 -
Rhode Island RN	2020
ANCC – Board Certified Family Nurse Practitioner	2015 -

**Academic Appointments**

Assistant Professor, MGH Institute of Health Professions School of Nursing, Boston, MA	2020 -
--	--------

**Clinical Appointments**

Family Nurse Practitioner, Tristan Medical, Norton, MA	2016 - 2022
Family Nurse Practitioner, Minute Clinic, Seekonk, MA	2015 - 2016

**Administrative Appointments**

Clinical Director, Tristan Medical, Norton, MA	2020-2022
Clinical Operations Associate, Tristan Medical, Norton, MA	2019 – 2020

**Honors and Awards**

SON Excellence in Teaching Award	2023
Alexandra Paul Simon Mentoring Award- Sigma	2023
Pillars of Excellence – Prelicensure Team Member Group Award	2022

Best in Care Award, Tristan Medical	2020
Sigma Theta Tau, Honor Society	2015
Gordon Family Fellowship	2015

## Publications

### Peer Reviewed

- **Rachel Cox**, Karen Hunt, Rebecca Hill. (2023) Comparative Analysis of NCLEX Questions: A Duel Between ChatGPT and Human Expertise, *Journal of Nursing Education*, 2023;62(12):679–687 <https://doi-org.treadwell.idm.oclc.org/10.3928/01484834-20231006-07>
- 
- Jean Bernhardt, Suellen Breakey, **Rachel Cox**, Oluwatonisin Olayinka, Lisa Quinn, Katherine Simmonds, Katherine Simmonds, Kathryn Atkin, Margaret H. Sipe and Patrice Nicholas. (2022) Development of a Tool for Assessment of Climate Change-Related Heat Illness in the Clinical Setting, *Journal of the American Academy of Nurse Practitioners*, 35(5) 2023, 291-298. [doi:DOI: 10.1097/JXX.0000000000000856](https://doi.org/10.1097/JXX.0000000000000856)
- **Rachel Cox**, Kaveri M. Roy and Samantha Bernstein. (2022) A Guide to Application of Diversity, Equity, and Inclusion (DEI) Principles for Prelicensure Nursing Education, *Journal of Professional Nursing*, 46 2023, 146-154. [doi:doi: 10.1016/j.profnurs.2023.03.002](https://doi.org/10.1016/j.profnurs.2023.03.002)

### Editorial

- Barbara Resnick, Jean M. Bernhardt, Lisa Quinn, **Rachel Cox** (2023). The impact of rising ambient temperatures on older adults. *Geriatric Nursing*, 53(1) A1-A2, <https://doi.org/10.1016/j.gerinurse.2023.08.007>

### Online materials

1. **Cox, R.** (2022). Op-Ed: Monkeypox is going to college. Here's how to prevent a campus outbreak. *University Business*. Retrieved from <https://universitybusiness.com/monkeypox-is-going-to-college-heres-how-to-prevent-a-campus-outbreak/>
2. **Cox, R.** (2020). 'Things have been very tumultuous': A family nurse practitioner worries patients could go without care. *Boston.Com*. Retrieved from <https://www.boston.com/culture/health/2020/04/10/family-nurse-practitioner-coronavirus-pandemic>

### IHP Media Appearances

1. **Cox, R.** (2022). **Interview with Carolyn Barrett**. Monkeypox: A Cause for Calculated Concern and Preparedness. *MGH IHP*. Retrieved from: <https://www.mghihp.edu/monkeypox-cause-calculated-concern-and-preparedness>
2. **Cox, R.** (2022). **Interview with Carolyn Barrett**. Expert: Colleges Must Prepare for Monkeypox Outbreak. *MGH IHP*. Retrieved from <https://www.mghihp.edu/expert-colleges-must-prepare-monkeypox-outbreaks>

## Media Appearances

3. **Cox, R.** (2022). **Interview by Michael Rosenfield.** Mass. Announces 36 More Monkeypox Cases; No Deaths From Illness Reported in US. *NBC10 Boston*. Retrieved from <https://www.nbcboston.com/news/local/mass-announces-36-more-monkeypox-cases-no-deaths-from-illness-reported-in-us/2792817/>
4. **Cox, R.** (2022). **Written Interview with Healthline:** 8 Common Questions About Monkeypox, Answered. *Healthline*. Retrieved from <https://www.healthline.com/health-news/8-common-questions-about-monkeypox-answered>
5. **Cox, R.** (2022). **Interview by Jim Morelli.** Is monkeypox the next infectious issue for college campuses? *Fox 25 Boston*. Retrieved from <https://www.boston25news.com/news/local/is-monkeypox-next-infectious-issue-college-campuses/VP5MEVWUU5FKDMJ7XBFSU7WD4M/>
6. **Cox, R.** (2022). **Interview by Akila Muthukumar.** As monkeypox spreads, university campuses prepare for another outbreak. *STAT*. Retrieved from <https://www.statnews.com/2022/08/09/monkeypox-spreads-university-campuses-prepare-for-another-outbreak/>
7. **Cox, R.** (2022). **Interview by Liam Knox.** Colleges Brace for a New Viral Threat: Monkeypox. *Inside Higher Ed*. Retrieved from [https://www.insidehighered.com/news/2022/08/05/colleges-prepare-potential-monkeypox-outbreaks?utm\\_source=Inside+Higher+Ed&utm\\_campaign=4d5a3e49a0-DNU\\_2021\\_COPY\\_02&utm\\_medium=email&utm\\_term=0\\_1fcbc04421-4d5a3e49a0-237184349&mc\\_cid=4d5a3e49a0&mc\\_eid=caa252645a](https://www.insidehighered.com/news/2022/08/05/colleges-prepare-potential-monkeypox-outbreaks?utm_source=Inside+Higher+Ed&utm_campaign=4d5a3e49a0-DNU_2021_COPY_02&utm_medium=email&utm_term=0_1fcbc04421-4d5a3e49a0-237184349&mc_cid=4d5a3e49a0&mc_eid=caa252645a)
8. **Cox, R.** (2022). **Interview by Michael Rosenfield.** Monkeypox Concerns on Campus: Colleges Offer Guidance and Protocols. *NBC10 Boston*. Retrieved from <https://www.nbcboston.com/news/local/monkeypox-colleges/2820768/>
9. **Cox, R.** (2022). **Interview by Kim Tunnicliffe.** Colleges Should Prepare For Monkeypox, Infectious Disease Expert Says. *WBZ*. Retrieved from <https://wbznewsradio.iheart.com/content/colleges-should-prepare-for-monkeypox-infectious-disease-expert-says/>
10. **Cox, R.** (2022). **Interview by Kirk Carapezza.** As alcohol home delivery persists, public health officials worry about substance abuse. *GBH News*. Retrieved from <https://www.wgbh.org/news/local-news/2022/06/07/as-alcohol-home-delivery-persists-public-health-officials-worry-about-substance-abuse>

## Invited Presentations

**National**

**Cox, R,** Roy, K (2021) Incorporating Intersectionality in Nursing Education, AACN 2021

**Regional**

Katharine Robb, Rowana Ahmed, **Rachel Cox**, John Wong, Elissa Ladd and Jorrit de Jong (2023) “*Substandard housing and the risk of COVID-19 infection and disease severity in Chelsea, MA.*” Poster presented at the Chelsea Research Festival, Chelsea, MA 2023

Patrice Nicholas, Suellen Breakey, Roksolana Starodub, Elaine Tagliareni, Margaret H. Sipe, Eleanor A. Pusey-Reid, Clara M. Gona, Lisa Quinn, **Rachel Cox**, Jean Bernhardt, Oluwatonisin Olayinka, John Wong, Kathryn Sabo, Patricia Reidy, Linda Evans, Robert Evans, Lisa O'Brien, Carla Donati, Valerie Grande, Tyler Leary and Steering Committee of the MGH Institute Center for Climate Change. (2023) Climate Justice, and Health, “*The National Institutes of Health (NIH) climate change initiative strategic framework.*” Poster presented at the MGH Nurse Research Day. 2023

**Cox R** (2022) Game-Based Learning, MGH Medical CNS Team Meeting 2022

**Cox, R** (2022) Tech Jam 2: Game-Based Learning Platform, MGH IHP 2022

Roy, K, **Cox, R**,... et al. (2021) New Approaches to Office Hours Students Won't Want to Miss, MGH IHP 2020

**Invited Lectures and Seminars**

**Cox, R,** *Chronic Disorders of the Pulmonary System: COPD Smoking Cessation Tuberculosis*, Invited Lecture presented to the MGH IHP PC3 2023

**Cox, R,** *Asthma, Allergies, anaphylaxis*, Paper presented to the MGH IHP PC1 2023

**Cox, R,** *Pharmacologic Management: Common Acute and Chronic Respiratory Disorders*, Invited Lecture presented to the MGH IHP Pharmacology Symposium 2022

**Cox, R.** (2020) Contraception Education Module Intervention, UMass Amherst, Virtual 2020

**Cox, R** (2020) Cervical myelopathy: Identification and risk reduction in the primary care setting, Tristan Medical, Raynham, MA 2019

**Technology Development**

**Devices and software applications**

ContraceptionCare.com – Contraception review site 2020

**Educational Activities**

**Courses taught**

Rachel Cox DNP

Pharmacology – NS519, NS622	2021-current
Nursing Practice: Process and Skills – NS510, NS660	2021-current
Common Problems of Adult Health – NS520	2020

### **Clinical supervision**

Preceptor, MGH IHP, 2 Students	2017 – 2018
Preceptor, Boston College, 4 Students	
Preceptor, Northeastern University, 1 Student	

### **Curriculum development**

JEDI Workshop Development - Microaggressions	2021-
Standardized Intake, Blackboard Course, Tristan Medical	2018

### **Scholarship Activities**

First Author - Institute of Health Professions On-Ramp Group: Antimicrobial Stewardship Pilot Program	2022-
Institute of Health Professions On-Ramp Group: Phase 2: Application of Screening Tool for Climate Change-Related Heat Illness for Older Adult Patients	2022-
Institute of Health Professions On-Ramp Group: Development of a Screening Tool for Climate Change-Related Heat Illness in the Clinical Setting	2021-2022
Institute of Health Professions On-Ramp Group: Phase 2: Characteristics of the Patient Population at a Covid-19 Non-Congregate Shelter	2022-
Institute of Health Professions On-Ramp Group: Characteristics of the Patient Population at a Covid-19 Non-Congregate Shelter: An Analysis of Socioeconomic, Housing, and Health Risk Factors	2020 - 2022

**Mentoring  
Students**

Sarah Noble, MGH IHP, DEN, Preceptor	2021
Michael Hitchner, MGH IHP, DEN, Preceptor	2021
Kelsey Murphy, Tristan Medical New Provider Program, Mentor	2019 - 2020
Michelle Kuhn, Boston College, FNP Track, Preceptor	2019 - 2020
Jessie Allen, Boston College, FNP Track, Preceptor	2018 - 2019
Christine Ash, Northeastern University, FNP Track, Preceptor	2017 - 2018
David Palmer, Boston College, FNP Track, Preceptor	2017 - 2018
Alexandra May, Boston College, FNP Track, Preceptor	2017

**Clinical Innovations and Quality Improvement Projects**

<i>Pandemic Preparedness Project and COVID-19 Testing Site</i> – Tristan Medical. Designed the policies and procedures for the pandemic preparedness and response team and established our COVID-19 testing site.	2020
<i>Contraceptive Education Module</i> , Tristan Medical - Designed an online screening and education module to improve contraceptive related behaviors and knowledge about contraception. Evaluate pre-test/post-test data and saw a statistically significant increase in both measured outcomes.	2019 - 2020
<i>New Provider Training Program</i> , Tristan Medical- Designed Tristan Medical's first standardized training program for new graduate primary care providers. The program consisted of 6 weeks of training, journal assignments, and interprofessional collaboration.	2019 -
<i>Skills and Grill</i> , Tristan Medical – Created the first annual full day clinical training and socialization event for all Tristan Medical locations. Designed hands-on training and skills evaluation as well as didactic lectures.	2019 -
<i>Intake Standardization Project</i> , Tristan Medical – Created a Blackboard based course for staff members to improve clinical consistency, increase knowledge, and effectively evaluate clinical knowledge. Evaluated by examining pre-test/post-test scores	2018 - 2019
<i>Social History Standardization</i> – Implemented quality improvement project to improve and standardize the social history forms.	2017

**Professional Memberships and Activities**

Member, American Nurses Association (ANA)	2020
Member, Massachusetts Coalition of Nurse Practitioners (MCNP)	2020

Sigma Theta Tau – Delegate	2021-
<b>Institutional Service</b>	
Policy Committee	2022-
ATI Taskforce	2022-
JEDI Curriculum Taskforce	2022-
Appeals Committee	2022-
Faculty Development Committee	2022-
Curriculum Committee	2021
Co-Chair SEA Workshops Committee. JEDI Program	2021
<b>Professional Service</b>	
<i>FNAMA Scholarship Committee. Serving on the scholarship committee of the ANA of Mass</i>	2023-
	2022-
<i>Massachusetts Consortium on Pathogen Readiness.</i>	2020-
Chief, Pandemic Preparedness Team, Tristan Medical	
Co-Chief, Policy and Procedure Implementation Team, Tristan Medical	2018-
<b>Community Service</b>	
Coordinator of COVID Vaccine Clinic at Substance Use Treatment Facility	2021
Leader of Volunteer COVID vaccine clinic for front line workers.	2021
Tufts Admissions Network Interviewer	2016-2017
STEAM Night – Easton Public Schools	2016
Boston College Flu Clinics	2013