

**Stephen P. Wood,MS, ACNP-BC**  
Bouve College of Health Sciences  
School of Nursing  
109F Robinson Hall  
360 Huntington Avenue  
Boston, MA 02115  
[s.wood@northeastern.edu](mailto:s.wood@northeastern.edu)

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## **EDUCATION**

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2022 – present Doctor in Medical Science candidate	Northeastern University Healthcare Leadership and Health Law
2009 Master of Science	MGH Institute of Health Professions Acute Care Nurse Practitioner
2002 Master of Science	Northeastern University Toxicology
1999 Bachelor of Science	Rivier University Biology
1991 Associate of Science	New Hampshire Technical Institute Paramedic Sciences

## **ACADEMIC POSITIONS**

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2023-Present Northeastern University	Program Director: Acute Care NP Program Clinical Associate Professor Bouve College of Health Sciences Graduate School of Nursing
	Program Director: Extreme Medicine Program Bouve College of Health Sciences School of Clinical and Rehabilitation Science
2022 – Present Tufts University School of Medicine	Clinical Instructor Department of Medicine
2020-Present Harvard Law School	Visiting Fellow Petrie-Flom Center
2017- 2020 Harvard Medical School	Fellow Center for Bioethics
2017 – 2022 Northeastern University	Lecturer Graduate School of Nursing

2015 – 2017 MGH IHP	Co-Director / Assistant Professor Acute Care Nurse Practitioner Program
2010 – 2014 MGH IHP	Lecturer Graduate School of Nursing
2010 – 2014 Northeastern University	Lecturer Undergraduate School of Nursing
2010 – 2012 NHTI	Lecturer Department of Science
2009 – 2015 Beth Israel Deaconess / HHI	Associate Director Disaster Medicine Fellowship

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## **PROFESSIONAL CLINICAL EXPERIENCE**

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June 2021- March 2023 St. Elizabeth's Medical Center	Director, Advanced Practice Providers Department of Pulmonary and Critical Care Medicine
Sep 2022 – present World Extreme Medicine	Field Operations Director, USA Education Division
Mar 2021- Oct 2022 Boston Red Sox	Emergency Medical Technician Department of Security
Aug 2020 – Aug 2022 Oxford Medical Simulation	Clinical Consultant Clinical Design Division
Jun 2020 – Jun 2021 Carney Hospital	Director of Affiliate Practitioners Department of Pulmonary and Critical Care Medicine
Jun 2019 – present Carney Hospital	Nurse Practitioner Department of Emergency Medicine
Aug 2018 – Aug 2021 Armstrong Ambulance	NEMLEC SWAT Medical Operator Field Operations Division
May 2010- Apr 2019 Winchester Hospital	Nurse Practitioner / Department Educator Assoc. Medical Director for EMS Department of Emergency Medicine
Aug 2009 – Jun 2015 Beth Israel Deaconess Medical Center	Assistant / Associate Director BIDMC Fellowship in Disaster Medicine Department of Emergency Medicine
Jan 2009 – Jan 2011 Carney Hospital	Nurse Practitioner Department of Emergency Medicine

Aug 2009- Jan 2010 Harrington Hospital	Nurse Practitioner Department of Emergency Medicine
Aug 2009- Jan 2010 UMASS Memorial Medical Center	Nurse Practitioner Department of Hospital Medicine
May 2008-May 2009 Beth Israel Deaconess Medical Center	Clinical Nurse I Department of Emergency Medicine
Jan 2006 - May 2006 New Hampshire State Police	Criminalist Toxicology Lab
Jan 2005-May 2008 Beth Israel Deaconess Medical Center	Clinical Research Coordinator Department of Emergency Medicine
May 1998 -Oct 2007 Boston MedFlight	Critical Care Transport Paramedic
Feb 1991-Jan 1999 American Medical Response	Paramedic/Paramedic Supervisor

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## PROFESSIONAL GROWTH

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### Refereed Journal Articles

1. Wilson, L., **Wood, SP.**, Goldberg, S. Labor Trafficking and the Role of the EMS Professional. JCEMS.2022 5(1)
2. Pelletier, M., Podisadlo, B., **Wood, SP**, Dalton, M. Optimal Prehospital Airway Management Depends on EMS System Efficiency. 2020. JEMS. 8(43).
3. **Wood, SP**. Trafficked. AMA J Ethics. 2018. 20(12):1215 – 17.
4. **Wood, SP**. This One is Scary. J Emerg Nursing. 2018.44(4):411-2.
5. **Wood, SP**. 2017. Prescription Monitoring Programs: Intended and Unintended Consequences. J Preventive Med.2017. 2:1; e102
6. **Wood SP**. A reappraisal of the safety of 50 % dextrose administration in patients with hypoglycemia. Journal of Emergency Medical Services. 2007. 32(3)
7. **Wood S**. Hypothermia. Journal of Emergency Medical Services. 2006. 26(2)
8. **Wood S.**, Vrahas M, Wedel SK. Femur fracture immobilization with traction splints in multisystem trauma patients. Prehospital Emergency Care. 2003. 7(2)
9. **Wood S**. Hip fractures and dislocations. Journal of Emergency Medical Services. 1998.23(11)

10. **Wood S.** Dental trauma. *Journal of Emergency Medical Services*. 1998. 23 (2)
11. **Wood S.** Thiamine: A critical review. *Journal of Emergency Medical Services* .1997. 22 (8)
12. **Wood S.** Cardiac infections. *Journal of Emergency Medical Services* .1996. 21 (5)

### **Refereed Proceedings**

1. **Wood, S.** What Can Fish Teach Us About Moral Injury. *Harvard Medical School, Center for Bioethics Annual Conference*. Poster presentation. [2020]
2. **Wood, S.** The Utility of Social Media In Disseminating Information During Disasters: The Hurricane Sandy Experience. *SAEM NE Regional Conference*. Poster presentation [2013]
3. **Wood S.** Pahigian B. Detection of Latent Blood on Semi-invasive Medical Equipment. *Association of Air Medical Services Annual Conference*. Poster presentation. *Air Med Journal*; 25(5). [2006]
4. **Wood S.** Quantification of orogastrically administered aspirin. *American College of Chest Physicians Annual Conference*. Poster presentation. *CHEST*; 126 (4). [2004]
5. **Wood S.** Droperidol toxicity: A critical care transport experience. Best poster award. *Association of Air Medical Services Annual Conference*. Poster presentation. [2003]
6. **Wood S,** Mieckowski A, Wedel S. A Case Series of Pediatric Poisoning. *American Academy of Pediatrics National Scientific Symposium*. Poster presentation [2002]
7. **Wood S.** Time to tertiary care in stroke. *Association of Air Medical Services Annual Conference*. Poster presentation. [2002]

### **Book Chapters**

1. **Wood S.** (2015). Chapter 44: The Role of Social Media in Disasters. In Ciottone's *Disaster Medicine* 2nd ed. G. Ciottone (Ed). Elsevier: PA.
2. **Wood S.** (2015) Chapter 120: Mass Casualties from Riot Agents. In Ciottone's *Disaster Medicine* 2nd ed. G. Ciottone (Ed). Elsevier: PA.
3. **Wood S.** (2015) Chapter 146: Chikungunya Virus Attack. In Ciottone's *Disaster Medicine* 2nd ed. G. Ciottone (Ed). Elsevier: PA.
4. **Wood S.** (2015) Chapter 151: Henipavirus Attack: Hendra and Nipah Viruses. In Ciottone's *Disaster Medicine* 2nd ed. G. Ciottone (Ed). Elsevier: PA.
5. **Wood S.,** Longley-Wood K. (2015) Chapter 156: Marine Toxin Attack. In Ciottone's *Disaster Medicine* 2nd ed. G. Ciottone (Ed). Elsevier: PA.

6. **Wood S.** (2006). Prehospital Care. In Handbook of clinical trauma care: The first hour. D. Danis, J. Blansfield, A. Gervasini (Eds.) Mosby Elsevier: PA

### **Non-Refereed Proceedings (Invited Lectures)**

1. Magic and Medicine: Exploring Bias and Expectation Violation. Urology weekly rounds. *Lenox Hill Hospital*. June 2023. Presenter.
2. Clinical Resources for Victims of Human Trafficking. *MPTC*. June 2023. Presenter.
3. Principles of Toxicology. *Tufts Medical School Student Conference*. February 2023. Presenter.
4. What Can Magic Teach Us About Misinformation. *Petrie-Flom Center. Harvard Law School*. January 2023. Organizer and Moderator.
5. Vitamin and Supplement Toxicity. *American College of Medical Toxicologists, Total Tox Course*. November 2022. Invited presenter.
6. Hospital Violence: A Growing Crisis. *Petrie-Flom Center. Harvard Law School*. November 2022. Presenter, Moderator.
7. Medicine and Magic. *Arts and Humanities Initiative at Harvard Medical School*. October 2022. Presenter / Magician.
8. Countering COVID-19 Misinformation: The Impact on Health Care Providers. *Petrie-Flom Center. Harvard Law School*. February 2022. Moderator. Presenter
9. A Case of Bradycardia. *Carney Hospital Resident Rounds*. January 2022. Invited presenter
10. Management of pain in patients with opioid use disorder”. *Carney Hospital Resident Rounds*. August 2020. Invited speaker.
11. Incarcerated Populations and COVID-19: Public Health, Ethical and Legal Concerns. *Harvard Law School*. May 2020. Moderator.
12. Masks as PPE: Stories from the Hospitals and Communities. *NEUSHA Symposium*. May 2020. Moderator.
13. Helicopter EMS: What’s the Data? *FDNY EMS Fellowship*. May 2020. Invited speaker.
14. “Ethical Dilemmas in Mask and Equipment Shortages: Health Care During the COVID-19 Pandemic. *Harvard Law School*. April, 2020. Moderator. Invited speaker.
15. Meth labs, Butane Honey Oil and HME”. *Boston MedFlight Critical Care Conference*. November 2019. Invited speaker.
16. The Opioid Epidemic: How did we get here? *Opioid Boot Camp. Northeastern University*. June 2019. Keynote speaker

17. Things That Bite: A Guide for Search and Rescue Professionals. *FDNY Medical Special Operations Course*. May 2019. Invited speaker
18. Human Trafficking: Response Strategies for Healthcare and Public Safety.” *Northeastern University*. April 2019. Moderator. Invited speaker.
19. Public Health Approaches to the Opioid Crisis: Overcoming Obstacles to Community-Driven Solutions. *Petrie-Flom Center. Harvard Law School*. April 2019. <https://bit.ly/2GhTOQI>
20. Opioid Case Conference. *Student Coalition for Addiction Harvard Medical School*. January 2019. Invited speaker.
21. The Role of Providers in the Opioid Epidemic. *Health Law Year in Review. Petrie-Flom Center. Harvard Law School*. December 2018. <https://vimeo.com/306251359>
22. Is this a Drug Bust or a HAZMAT?. *International Association of Chiefs of Police*. October 2018. Invited speaker
23. Crime(?) and Punishment: Evaluating Mass Incarceration for Substance Use Disorder.” *Justice and Activism in Medicine Medical Student Seminar. Harvard Medical School*. August 2018. Invited speaker
24. The Emergency Department as a Public Health Safety Net. *Indiana University Robert H. McKinney School of Law and Fairbanks School of Public Health. Innovations in Opioid Interventions*. July 2016. Invited speaker
25. Novel and Emerging Drug of Abuse”. *National Rural Institute on Alcohol and Drug Abuse Conference. University of Wisconsin-Stout*. June 2018. Invited speaker
26. The Opioid Epidemic: Where are We Now? *Northeastern University Preceptor Reception*. April 2018. Invited speaker.
27. The Healthcare Response to the Opioid Epidemic. *Eastern Middlesex County Opioid Task Force, Office of the Middlesex District Attorney*. March 2018. Invited speaker.
28. Team Building Simulation: Professional Development Week. *Harvard Medical School*. Boston, December 2017. Invited speaker.
29. Substances of Abuse: From Fentanyl to Synthetic Cannabinoids.”. *International Association of Chiefs of Police*. October 2017. Invited speaker.
30. Hemorrhage Control for School Resource Officers. *National Association of School Resource Officers Conference*. July 2017. Invited speaker.
31. The Opiate Epidemic by the Numbers. *Winchester Hospital Women’s Leadership Council*. May, 2017. Invited speaker.
32. The Opiate Epidemic. *Organization of Nurse Leaders Conference*. March 2017. Expert Panel Participant.

33. The Current State of Affairs in the Opiate Epidemic. *Winchester Hospital Leadership Forum*. February 2017. Invited speaker.
34. Pre-hospital Management of Junctional Trauma. *Patrick Gill Memorial Trauma Symposium*. December 2016. Invited speaker.
35. Update on Illicit Drugs and Drug Legislation. *Winchester Hospital Medical Staff CME Program*. September 2016. Invited speaker.
36. Utilization of a Code STEMI team in the ED and the impact on Quality Measures. *Winchester Hospital Cardiology Committee Meeting*. September 2016. Invited speaker.
37. Update on Fentanyl. H.E.A.T 2016 Annual Conference. June 2016. Invited speaker.
38. Current Trends in Illicit Drugs. *International Law Enforcement Educators and Trainers Association*. March 2016. Invited speaker.
39. Homemade Bombs and Chemical Suicide. *Mystic Valley REPC Annual Meeting*. October 2015. Invited speaker.
40. Emerging Chemical and Biologic Threats. *FBI Medical and Nursing Conference*. September 2015. Invited speaker.
41. Cardiac Resuscitation in Toxicology". *Rhode Island ENA*. May 2015. Invited speaker.
42. Social Media in Disaster and Humanitarian Response. *BIDMC Fellowship in Disaster Medicine. Harvard Medical School*. February 2015. Invited speaker.
43. Telemedicine: A Role in Disaster and Humanitarian Medicine. *Student National Medical Association Region VII Conference. Harvard Medical School*. October 2014. Invited speaker.
44. Climate Change and Disaster Medicine. *NESDM Annual Conference, Beth Israel Deaconess Medical Center*. May 2014. Keynote speaker.
45. "Cholera: The Haiti Experience". *Harvard Medical School*. March 2014. Invited speaker.
46. Tick Bites and Lyme Disease. *World Extreme Medicine Conference. Harvard Medical School*. October 2013. Invited speaker.
47. Hematological Emergencies. *Boston ED Consortium*. September 2009. Invited speaker.
48. Acetaminophen toxicity". *Boston ED Consortium*. June 2009. Invited speaker.
49. Emergency Nursing Master's Program. Core content toxicology, stroke and clinical research. *Harvard Medical Faculty Physicians/University of Iceland. Reykjavik, Iceland*, March 2009.
50. Pre-Hospital Management of Shock. *Harvard Medical School Shock Symposium*, June 2006. Invited speaker.

51. Amphetamine Toxicity. *National Association of College EMS*. October 2006. Invited speaker.

## **Fellowships**

1. Fellow. Harvard Law School. Petrie Flom Center for Bioethics. 2020 - present
2. Fellow of Extreme and Wilderness Medicine. World Extreme Medicine. 2021 - present
3. Fellow. Harvard Medical School, Center for Bioethics. Department of Global Health and Social Medicine. Research. Fellow. 2017 – 2020.
4. Fellow. HEAL Human Trafficking Fellow. 2019 – 2020
5. Fellow. Beth Israel Deaconess Medical Center/Harvard Humanitarian Initiative Fellowship in Disaster Nursing. 2013 – 2014.

## **Journal Peer Review**

1. Journal of Drug Abuse. 2018 - present
2. Critical Care Nurse. Contributing Editor: Toxicology. 2009-2014
3. Air Med Journal. Editorial Board: 2005-2009

## **Participation in Professional Associations**

1. American College of Medical Toxicologists. 2021 – present
  - Total Tox Conference Planning Committee and Moderator
  - Education Committee

## **Honors & Awards**

1. Honor Your Caregiver Award. The Schwartz Center for Compassionate Healthcare. 2018
2. Middlesex County District Attorney Staff Awards. The September 11th Award. 2017.
3. Northeastern University Distinguished Educator Award. Nominee. 2017 – 2018.
4. Beth Israel Deaconess Medical Center/Harvard Humanitarian Initiative Special Recognition for Humanitarian Efforts. 2014.
5. Wilderness and Expedition Medicine Person of the Year, 2013
6. James T. Melvin Scholar, MGH Institute of Health Professions, 2006

7. H. Francis Burrows Scholar, MGH Institute of Health Professions, 2006

### **Professional Certifications**

- 2009-present      Acute Care Nurse Practitioner
- 2015 – present    Nationally Registered EMT
- 1991 – 2008      Nationally Registered EMT-P

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### **TEACHING EFFECTIVENESS**

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- 2023              Balvenia Trevino. Masters Student. Northeastern University. Graduate School of Nursing. Directed Study. *Use of psilocybin for the management of delirium in the ICU.*
- 2022              Christina Martinka, Masters Student. Harvard Medical School. Center for Bioethics, Capstone Advisor. *Ethics in Emergency Medical Services.*
- 2019              Michael Martin. Masters Student. Harvard Medical School. Center for Bioethics, Capstone Advisor. *Using Simulation to Teach Ethics.*

### **Participation in Teaching Training**

- 2019              Harvard Macy Program for Healthcare Educators.

### **Curriculum Development and Teaching Innovations**

- 2009              Designed and instructed a course on pharmacology for paramedic students.
- 2014              Developed and designed the Pre-deployment to Humanitarian Disasters course for the BIDMC Fellowship in Disaster Medicine.
- 2014              Developed and designed the Operational Medicine course for the BIDMC Fellowship in Disaster Medicine
- 2015              Developed and designed the Cold Weather Medicine course for the BIDMC Fellowship in Disaster Medicine
- 2015              Redesigned and instructed the Acute Care theory 1,2 and 3 courses for the Acute Care NP program at the MGH IHP. Introduced case-based teaching, simulation, and skills-based learning into the program.

- 2017 Designed a new course called Acute Care Seminar that used didactics, simulation, and a case-based approach for learning communication and documentation as well as the clinical decision making process for an array of medical conditions.
- 2018 Redesigned and instructed in Acute Care Theory 2 and 3, introducing a flipped classroom and case-based approach to complex medical problems. Instituted a skills lab and simulation program to enhance student learning.
- 2019 Designed a new approach to teaching Advanced Pathophysiology using a flipped classroom, case-based approach. Integrated the humanities and art into the pedagogy of this course. Included social justice issues and ethics into the curriculum.
- 2019 Developed an experiential learning model at the New England Aquarium using analogy to explore concepts on bias, interpersonal relationships and personal wellness.
- 2021 Designed a new approach to teaching Advanced Pharmacology, introducing a case-based approach, as well as a survey of social justice issues, and the use of film as a construct for learning.
- 2022 Developed and implemented a new course, Magic and Medicine: A Scientific Approach. This Course looked at how magic and mentalism engage neuroscience, cognitive bias and misinformation and how that can inform us as providers on these concepts.
- 2022 Designed and implemented the Extreme Medicine graduate certificate program.

### **Courses Taught**

2003 – 2006	BIOL 195.	Anatomy and Physiology. NHTI.
2004- 2005	PEM 126	Pharmacology. NHTI.
2012- 2013	NRSG 2350	Pathophysiology. Northeastern University
2014 - 2017	NP-834 / 854.	Acute Care Theory/Seminar II, III. MGH IHP
2015 – 2016	NS-621	Advanced Pathophysiology. MGH IHP
2017 – 2020	NRSG 5126	Advanced Pathophysiology. Northeastern University
2018 – 2019	NRSG 6221/6241	Acute Care Theory/Seminar II,III. Northeastern University
2021 – present	NRSG 5117	Advanced Pharmacology
2022 – present	NRSG 6241	Acute Care Theory 3, Northeastern University
2023 – present	NRSG 6220	Acute Care Theory 1, Northeastern University
2023 – present	NRSG 6420	Acute Care Practicum

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**SERVICE**

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**Service to the Department**

1. 2019 - 2020 Co-Advisor, Students for Health Justice
2. 2019 – present Co-Advisor. NEU EMS

**Service to the Profession**

1. 2021 Red Sox Scholars Selection Committee. 2021
3. 2020 – 2021 Employee Engagement Committee. Member. Carney Hospital
1. 2019 – present Ethics Committee. Member. Carney Hospital.
2. 2018 – 2019 Schwartz Rounds Committee. Winchester Hospital.
3. 2018 – present FDNY MSOC Conference Planning Committee.
4. 2017 – 2019 Ethics Committee, Member, Winchester Hospital.
5. 2017 – 2018 ED Behavioral Health Committee. Winchester Hospital.
6. 2015 – 2018 Opiate Stewardship Committee, Winchester Hospital. Chairperson.

**Service to the Community**

1. 2020 – present Dana-Farber Cancer Institute. Sibling Program.
2. 2018 – present Physicians for Human Rights, Asylum Network
3. 2018 – present Harvard Medical School Asylum Clinic
4. 2018 – present The Harvard Students Human Rights Collaborative
5. 2015 – present Be Like Brit. Medical Volunteer. Haiti