

Katherine Scafide, PhD, RN, FAAN*Curriculum Vitae*

October 17, 2024

**Contact
Information:**

School of Nursing
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Mason Profile: <https://www.gmu.edu/profiles/kscafide>

Education:

Doctor of Philosophy, Nursing, 2012
Johns Hopkins University, Baltimore, MD
Dissertation: Determining the Relationship between Skin Color, Sex, and Subcutaneous Fat and the Change in Bruise Color Over Time

Master of Science in Nursing, 2005
Johns Hopkins University, Baltimore, MD
Concentration: Forensic Clinical Nurse Specialist

Bachelor of Science in Nursing, 2000
Georgetown University, Washington, DC

**Professional
Employment:**

Associate Professor, Tenured, 2022 – present
Assistant Professor, tenure-track, 2015 – 2022
George Mason University, School of Nursing, Fairfax, VA
Affiliate Faculty, Collaborative for Health Equity, 2022 – Present
Affiliate Faculty, Institute for Biohealth Innovation, 2018 – Present
Courses taught:
Doctoral – Advanced Ethics in Healthcare Research, Systematic Reviews in Healthcare Research, Conducting and Publishing Healthcare Research, Measurement Theories in Healthcare Research, Evidence-based Practice in Nursing and Healthcare
Graduate – Nursing Research and Biostatistics I
Undergraduate – Research in Nursing

Assistant Professor, Term, 2012 – 2014
Adjunct Instructor, 2008 – 2011
Georgetown University, School of Nursing & Health Studies, Washington, DC

*Courses taught:**Graduate* – Research Evidence and Best Practice in Healthcare*Undergraduate* – Transitions to Professional Practice; Ethics, Quality and Decision-making; Forensic Analysis of Victims of Violence*Summer Institutes* – Medical, Forensic**Forensic Nurse Examiner**, Adult and Pediatrics, 2005 – 2013

Forensic Medical Unit, Shady Grove Adventist Hospital, Rockville, MD

Forensic Investigator, 2005 – 2006

Office of Chief Medical Examiner, State of Maryland, Baltimore, MD

Clinical Nurse II/Trauma Nurse, 2001 – 2005

Suburban Hospital, Emergency Department, Bethesda, MD 20814

**Licensures
and
Certifications:**

Maryland Board of Nursing

Registered Nurse/Compact License, 2001 – 2026

Forensic Nurse Examiner – Adult and Pediatric, 2005 – 2014

District of Columbia Board of Nursing

Registered Nurse, 2000 – 2020

International Association of Forensic Nurses

Sexual Assault Nurse Examiner – Adult/Adolescent, 2005 – 2014

Sexual Assault Nurse Examiner – Pediatric, 2010 – 2013

American Board of Medicolegal Death Investigators

Diplomate, 2005 – 2010

**Grants and
Fellowships:****Current Funding:**

Wojtusiak, J. (PI), **Scafide, K. (Co-PI)**, & Lattanzi, D. (Co-PI). *Technical and ethical evaluation of artificial intelligence-based tools for assessing injuries on diverse skin colors*. National Institute of Health (NIH), Artificial Intelligence/Machine Learning Consortium to Advance Health Equity and Researcher Diversity (AIM-AHEAD), Biomedical Research and Clinical Practice That Embodies Ethics and Equity (ABC-EE). Total: \$231,588. October 2024 – July 2025.

Scafide, K. (PI), Lattanzi, D. (Co-PI), & Wojtusiak, J. (Co-PI). *Equitable and accessible software for injury detection (EAS-ID)*. Private family foundation. Total: \$4,850,000. September 2023 – December 2024.

Scafide, K. (PI), Lattanzi, D. (Co-PI), & Wojtusiak, J. (Co-PI). *Collaborative artificial intelligence platform for bruise age analysis*. National Institute of

Justice (DOJ), Research and Development in Forensic Science for Criminal Justice Purposes, FY 2021 (15PNIJ-21-GG-04145-SLFO). Total: \$988,559; January 2022 – December 2024.

Completed Funding:

Scafide, K. (PI), Ekroos, R., Mallinson, R., & Hayat, M. *Improving the forensic documentation of injuries through alternate light: A researcher-practitioner partnership* (2019-NE-BX-0008). National Institute of Justice (DOJ), Research and Evaluation on Violence Against Women. Total: \$398,719; January 2020 – June 2023.

Scafide, K. (PI), Wojtusiak, J., & Lattanzi, D. *Digital image analysis of bruise photographs: From infrastructure to machine learning*. George Mason University, Summer Impact Grant. Total: \$34,560; May 2019 – August 2019.

Scafide, K. (PI), Sheridan, D. (Co-PI), Downing, N., & Hayat, M. *Analysis of alternate light in the detection and visibility of cutaneous bruises* (2016-DN-BX-0147). National Institute of Justice (DOJ), Research and Development in Forensic Science for Criminal Justice Purposes, FY 2016. Total: \$449,437; January 2017 – June 2020.

Fellowship:

Campbell, J. (PI). *Interdisciplinary research training on violence* (T32MH20014). National Institute of Mental Health. Role: Pre-doctoral fellow; September 2008 – August 2009

Publications: Original Papers in Refereed Journals (*data-based, †students)

33. ***Scafide, K. N.**, Arundel, L., Assas[†], G., & King[†], E. L. (accepted). Pressure injury detection using alternate light: Results of a pilot study. *Journal of Wound Care*.
32. ***Downing, N.**, **Scafide, K. N.**, Ali, Z., & Hayat, M. J. (2024). Visibility of inflicted bruises by alternate light: Results of a randomized controlled trial. *Journal of Forensic Science*, 69(3), 880-887. <http://doi.org/10.1111/1556-4029.15481>
31. Bocker[†], A., & **Scafide, K. N.** (2023). Systematic review: Self-Efficacy and skill performance. *International Nursing Review*. <http://doi.org/10.1111/inr.12915>
30. Alanazi[†], S. J., Haas, T., & **Scafide, K. N.** (2023). Interventions to enhance nursing student compliance with infection control: A systematic review. *Nursing Education Perspectives*, 44(6), E45-E49. <http://dx.doi.org/10.1097/01.NEP.0000000000001168>

29. *Kutahyalıoglu[†], N., Mallinson, R. K., **Scafide, K. N.**, & D'Agata, A. (2023). "It takes a village" to implement family-centered care in the Neonatal Intensive Care Unit. *Advances in Neonatal Care*, 23(5), 467-466.
<https://doi.org/10.1097/ANC.0000000000001091>
28. **Scafide, K. N.**, Ekroos, R. A., Mallinson, R. K., Alshahrani[†], A., Volz, J., Holbrook, D. S., & Hayat, M. J. (2023). Improving the forensic documentation of injuries through alternate light: A researcher-practitioner partnership. *Journal of Forensic Nursing*, 19(1), 30-40.
<http://doi.org/10.1097/JFN.0000000000000389>
27. *Sharma[†], S., **Scafide, K. N.**, Maughan, E., & Dalal, R. (2023). Relationship between perceived supervisor support and workplace bullying in school nurses in Virginia. *Journal of School Nursing*, 39(5), 396-405.
<https://doi.org/10.1177%2F10598405211025771>
26. Kutahyalıoglu[†], N. S. & **Scafide, K.** (2023). The effects of family-centered care on bonding: A systematic review. *Journal of Child Health Care*, 27(4), 721-723. <https://doi.org/10.1177/13674935221085799>
25. ***Scafide, K. S.**, Downing, N. R., Kutahyalıoglu[†], N. S., Sheridan, D. J., Langlois, N. E., & Hayat, M. J. (2022). Predicting alternate light absorption in areas of trauma based on degree of skin pigmentation: Not all wavelengths are equal. *Forensic Science International*, 339, 111410.
<https://doi.org/10.1016/j.forsciint.2022.111410>
24. Beran[†], K., & **Scafide, K.** (2022). Factors associated with concussion knowledge, attitudes, and reporting behaviors among US high school athletes: A systematic review. *Journal of School Health*, 92(4), 406-417.
<https://doi.org/10.1111/josh.13140>
Recipient of *Top Cited Article 2022-2023* by Wiley.
23. ***Scafide, K. N.**, Downing, N. R., Kutahyalıoglu[†], N., Sebeh[†], Y., Sheridan, D. J., & Hayat, M. J. (2021). Quantifying the degree of bruise visibility observed under white light and an alternate light source. *Journal of Forensic Nursing*, 17(1), 24-33. <https://doi.org/10.1097/JFN.0000000000000304>
22. *Kutahyalıoglu[†], N. S., **Scafide, K. N.**, Mallinson, R. K., & D'Agata, A. (2021). Implementation and practice barriers of family-centered care encountered by neonatal nurses. *Advances in Neonatal Care*, 22(5), 432-443.
<https://doi.org/10.1097/ANC.0000000000000948>
21. Steves[†], S. & **Scafide, K. N.** (2021). Multimedia in preoperative patient education for adults undergoing cancer surgery: A systematic review. *European Journal of Oncology Nursing*, 52, 101981.
<https://doi.org/10.1016/j.ejon.2021.101981>

20. ***Scafide, K. N.**, Bahari[†], G., Kutahyalioğlu[†], N., Mohammadifirouzeh[†], M., & Senko[†], S. (2021). Development and pilot analysis of the Bruise Visibility Scale. *Sage Open Nursing*, 7. <https://doi.org/10.1177/23779608211020931>
19. *Sharma[†], S., **Scafide, K. N.**, Dalal, R., & Maughan, E. (2021). Individual and organizational characteristics associated with workplace bullying of school nurses in Virginia. *Journal of School Nursing*, 37(5), 343-352. Advance online publication. <https://doi.org/10.1177/1059840519871606>
18. ***Scafide, K. N.**, Sheridan, D. J., Downing, N., & Hayat, M. J. (2020). Detection of inflicted bruises by alternate light: Results of a randomized controlled trial. *Journal of Forensic Sciences*, 65(4), 1191-1198. <https://doi.org/10.1111/1556-4029.14294>
19. *Bahari[†], G., **Scafide, K. N.**, Weinstein, A., Krall, J., & Han, H. (2020). Assessment of hypertension self-care behaviors and self-efficacy among men in Saudi Arabia. *Journal of Nursing Measurement*, 28(2), 283-302. <https://doi.org/10.1891/JNM-D-18-00112>
16. **Scafide, K. N.**, Narayan[†], M. C., & Arundel, L. (2020). Bedside technologies to enhance the early detection of pressure injuries: A systematic review. *Journal of Wound, Ostomy and Continence Nursing*, 47(2), 128-136. <https://doi.org/10.1097/WON.0000000000000626>
15. ***Scafide, K. N.**, Sharma[†], S., Tripp[†], N. E., & Hayat, M. J. (2019). Bruise detection and visibility under alternate light during the first three days post-trauma. *Journal of Forensic and Legal Medicine*, 69, 101893. <https://doi.org/10.1016/j.jflm.2019.101893>
14. *Bahari[†], G., **Scafide, K. N.**, Krall, J., Mallinson, R. K., & Weinstein, A. (2019). Mediating role of self-efficacy in the relationship between family social support and hypertension self-care behaviours: A cross-sectional study of Saudi men with hypertension. *International Journal of Nursing Practice*, 25(6), e12785. <https://doi.org/10.1111/ijn.12785>
13. Sibandze[†], B. T., & **Scafide, K. N.** (2018). Among nurses, how does education level impact professional values? A systematic review. *International Nursing Review*, 65(1), 65-77. <https://doi.org/10.1111/inr.12390>
12. Narayan[†], M. C., & **Scafide, K. N.** (2017). Systematic review of racial/ethnic outcome disparities in home health care. *Journal of Transcultural Nursing*, 28(6), 598-607. <https://doi.org/10.1177/1043659617700710>

11. ***Scafide, K. N.**, Sheridan, D. J., Taylor, L., Hayat, M. J. (2016). Reliability of tristimulus colourimetry in the assessment of cutaneous bruise colour. *Injury*, 47(6), 1258–1263. <https://doi.org/10.1016/j.injury.2016.01.032>
10. *Politt, E. N., Anderson, J. C., **Scafide, K. N.**, Holbrook, D., D'Sylva, G., & Sheridan, D. J. (2016). Alternate light source findings of common topical products. *Journal of Forensic Nursing*, 12(3), 97-103. <https://doi.org/10.1097/JFN.0000000000000116>
9. ***Scafide, K. N.**, Sheridan, D. J., Campbell, J. C., DeLeon, V. B., & Hayat, M.J. (2013). Evaluating change in bruise colorimetry and the effect of subject characteristics over time. *Forensic Science, Medicine, & Pathology*, 9, 367-376. <https://doi.org/10.1007/s12024-013-9452-4>
8. **Nash, K. R.**, & Sheridan, D.J. (2009). Can one accurately date a bruise? State of the science. *Journal of Forensic Nursing*, 5, 31-37. <https://doi.org/10.1111/j.1939-3938.2009.01028.x>
7. Sheridan, D. J., & **Nash, K. R.** (2007). Acute injury patterns of intimate partner violence victims. *Trauma, Violence, & Abuse*, 8, 281-289. <https://doi.org/10.1177/1524838007303504>

Conference Papers

6. Aminfar[†], K., **Scafide, K.**, Wojtusiak, J., & Lattanzi, D. (2024). From structure health monitoring to forensics: Adapting computer vision to support victims of violence. *Proceedings of Society of Photo-Optical Instrumentation Engineers (SPIE): Health Monitoring of Structural and Biological Systems XVIII*, 12951. <https://doi.org/10.1117/12.2691482>

Chapters in Books

5. Sheridan, D. J., **Scafide, K. N.**, Kapur, J., & Giardino, A. (2019). Intimate partner violence and rape. In L. Ledray & A. Burgess (Eds.), *Medical response to adult sexual assault: A resource for clinicians and related professionals* (2nd ed., pp. 361-380). STM Learning.
4. Sheridan, D. J., **Scafide, K. N.**, Hawkins, S. L., Makely, J. L., & Campbell, J. C. (2013). Forensic implications of intimate partner violence. In R. Hammer, B. Moynihan, & E. M. Pagliaro (Eds.), *Forensic nursing: A handbook for practice* (2nd ed., pp. 129-144). Jones and Bartlett.
3. Sheridan, D. J., **Nash, K. R.**, & Bresee, H. (2009). Forensic nursing in the emergency department. In Emergency Nurses Association & L. Newberry

(Eds.), *Sheehy's emergency nursing: Principles and practice* (6th ed., pp. 174-186). Elsevier.

2. Sheridan, D. J., **Nash, K. R.**, Poulos, C. A., Watt, S., & Fauerbach, L. (2009). Soft tissue and cutaneous injury patterns. In C. Mitchell & D. Anglin (Eds.), *Intimate partner violence: A health-based perspective* (pp. 237-252). Oxford University Press.
1. Williams, J. R., Baty, M. L., Gonzalez-Guarda, R. M., **Nash, K. R.**, & Campbell, J. C. (2009). Trauma and violence. In J. C. Urbancic & C. J. Groh (Eds.), *Women's mental health: A clinical guide for primary care providers* (pp. 350-385). Lippincott, Williams, & Wilkins.

Awards and Honors:

Ann Burgess Forensic Nursing Research Award, 2024
International Association of Forensic Nurses

Forensic Nurse Scientist Award, 2024
American Academy of Forensic Science

Academy Fellow, 2023
American Academy of Nursing

The Index Award (finalist), 2023
[The Index Project](#)

ICON Award, Nurse Innovator of the Year (top 5 finalist), 2023
[Nurse.org](#)

Evelyn Cohalen Leadership Award, 2020
School of Nursing, George Mason University

Master Teacher Award (Nominated), 2021, 2019
College of Health and Human Services, George Mason University

Teaching Excellence Award (Nominated), 2016
Center for Teaching and Learning, George Mason University

Dolores Caylor Award, 2011, 2010
School of Nursing, Johns Hopkins University

Johns Hopkins University Alumni Award, 2006
School of Nursing, Johns Hopkins University

Peer-reviewed International (†students)**Conference****Presentations:**

(Prior 10 years)

Ekroos, R., & Scafide, K. N. (2024, August). *Clinical implications and limitations of alternate light*. Podium presentation at the annual International Conference on Forensic Nursing Science and Practice by International Association of Forensic Nurses (IAFN), Denver, CO.

Scafide, K. N., Ekroos, R., Voltz, J., Holbrook, D., Mallinson, R., & Hayat, M. (2023, September). *“AtLAST” the Clinical Practice Guidelines - Alternate Light for the Assessment of Skin Trauma*. Podium presentation at the annual International Conference on Forensic Nursing Science and Practice by IAFN, Phoenix, AZ.

Jennings, S. B., Scafide, K. N., Wickwire, K. A., Sekula, K. L., Miyamoto, S., & Downing, N. R. (2022, September). *Elevate your contribution to forensic nursing: How DNPs and PhDs advance forensic nursing science and practice*. Panelist at annual International Conference on Forensic Nursing Science and Practice by IAFN, Dallas, TX.

Scafide, K., Downing, N., Hayat, M., Sheridan, D., & Kutahyaliloglu†, N. (2021, September). *Not all wavelengths are equal: Predicting light absorption in areas of trauma by skin color*. Podium session co-presented at annual International Conference on Forensic Nursing Science and Practice by IAFN, virtual.

Scafide, K., Ekroos, R., & Voltz, J. (2021, September). *From research to evidence-based practice: Taking the next step with alternate light*. Podium session co-presented at annual International Conference on Forensic Nursing Science and Practice by IAFN, virtual.

Scafide, K. & Sheridan, D. (2021, April). *Detection and visibility of bruises using alternate light: From science to practice*. Podium session presented at annual International Conference on Sexual Assault, Domestic Violence, and Violence Across the Lifespan by End Violence Against Women International (EVAWI), virtual. (rescheduled from 2020)

Scafide, K., Sheridan, D., Downing, N., & Hayat, M. (2019, September). *Detection and visibility of cutaneous bruises using alternate light: A multisite randomized controlled trial*. Podium session co-presented at annual International Conference on Forensic Nursing Science and Practice by IAFN, New Orleans, LA.

Narayan†, M. & Scafide, K. (2016). *Systematic review of racial/ethnic outcome disparities in home health care*. Poster session presented at 42nd Annual Conference of Transcultural Nursing Society, Cincinnati, OH.

National (†students)

Aminfar[†], K., Ghyabi, M., **Scafide, K.**, Wojtusiak, J., & Lattanzi, D. (2025, February). *Optimizing bruise detection in forensic imaging: a comparative analysis of object detection models*. Podium presentation at NIJ Forensic Science R & D Symposium held at 77th Annual Scientific Meeting of American Academy of Forensic Science (AAFS), Baltimore, MD.

Arundel, L., Assas[†], G., Alshahrani[†], A., King[†], E., & **Scafide, K. N.** (2024, February). *Pressure injury detection using alternate light: A pilot study*. Poster presentation at the 2024 Annual Conference of National Pressure Injury Advisory Panel (NPIAP), San Antonio, TX.

Scafide, K. N., Latanzi, D., & Wojtusiak, J. (2023, February). *A collaborative artificial intelligence platform for bruise age analysis*. Podium presentation at 75th Anniversary Conference of American Academy of Forensic Sciences (AAFS), Orlando, FL.

Downing, N. R., **Scafide, K. N.**, & Williams, J. (2023, February). *An introduction to the new Organization of Scientific Area Committees (OSAC) Forensic Nursing Subcommittee*. Podium presentation at 75th Anniversary Conference of AAFS, Orlando, FL.

Arundel, L., **Scafide, K.**, & Narayan[†], M. (2021, March). *Bedside technologies to enhance the early detection of pressure injuries*. Poster session presented at the 2021 Annual Conference of National Pressure Injury Advisory Panel, virtual.

Scafide, K., Downing, N., Hayat, M., Sheridan, D., & Kutahyaliloglu[†], N. (2021, February). *Predicting alternate light absorption in areas of trauma based on skin color: Not all wavelengths are equal*. Podium session co-presented at 73rd Annual Scientific Meeting of the AAFS, virtual.

Scafide, K., Downing, N., Hayat, M., Sheridan, D. J., & Kutahyaliloglu[†], N. (2021, February). *How skin color affects bruise assessments by alternate light: The results of a randomized controlled trial*. Poster session co-presented at National Institute of Justice (NIJ) Forensic Science Research and Development Symposium held at 73rd Annual Scientific Meeting of AAFS, virtual.

Scafide, K., Sheridan, D., Downing, N., & Hayat, M. (2020, February). *Alternate light wavelength and filter detection of inflicted cutaneous bruise*. Podium session presented at 72nd Annual Scientific Meeting of AAFS, Anaheim, CA.

Sheridan, D., **Scafide, K.**, & Downing, N. (2020, February). *Clinical implications of using alternate light to assess bruises*. Podium session presented at 72nd Annual Scientific Meeting of AAFS, Anaheim, CA.

Scafide, K. & Sheridan, D. (2019, February). *Analysis of alternative light in the detection of cutaneous bruises: A multisite randomized controlled trial*. Podium session co-presented at the NIJ Forensic Science R & D Symposium held at 71st Annual Scientific Meeting of AAFS, Baltimore, MD.

Moyer[†], L., Downing, N., **Scafide, K.**, & Sheridan, D. (2019, February). *Let There be light! Using alternate light sources to detect and improve cutaneous bruise visibility*. Poster session presented at Creating Healthy Work Environments conference of Sigma Theta Tau International (STTI), New Orleans, LA.

Dynin, M., DeVore, H., Lane, D., & **Scafide, K.** (2016, October). *Epidemiological Analysis of Drug-Facilitated Sexual Assault in Washington*. Abstract presented at American College of Emergency Physicians Research Forum, Las Vegas, NV. Published: *Annals of Emergency Medicine*, 68(4) S119-S120.

Sheridan, D. J. & **Scafide, K.** (2015, March). *Using alternate light sources (ALS) to assess strangulation and other bruises in victims*. Workshop session co-presented at 7th Biennial National Conference on Health and Domestic Violence by Futures Without Violence, Washington, DC.

Scafide, K., Holbrook, D., & Sheridan, D. (2014, December). *Alternate light source and colorimetry: Addressing the disparity in forensic clinical assessment*. Podium and poster sessions presented at National Institute on Minority Health & Disparities Grantees' Conference, National Harbor, MD.

Regional (†students)

Arundel, L., **Scafide, K.**, & Narayan[†], M. (2021, November). *Bedside technologies to enhance the early detection of pressure injuries*. Poster session presented at 2021 Annual Conference of Northeast Region Wound, Ostomy and Continence Nurses Society, virtual.

*Received first place in Research Category.

Scafide, K., Sheridan, D., Downing, N., & Hayat, M. (2021, February). *Detection of cutaneous bruises using alternate light: A multi-site, randomized controlled trial*. Podium session presented at 35th Annual Conference of Southern Nursing Research Society (SNRS), virtual. (rescheduled from 2020)

Kutahyaliloglu[†], N., & **Scafide, K.** (2021, February). *Implementation and practice barriers to family-centered care encountered by neonatal nurses*. Poster session presented at 35th Annual Conference of SNRS, virtual.

Sebeh[†], Y., **Scafide, K.**, & Hayat, M. (2020, March). *Lessons learned in developing an interdisciplinary collaboration between biostatistics and forensic nursing*. Poster session presented at Spring Meeting of Eastern North American Region International Biometric Society, Nashville, TN. (session cancelled)

Scafide, K., Sharma[†], S., & Hayat, M. (2017, February). *Bruise visibility using alternate light technology during the first 72 hours post-trauma*. Poster session presented at 31st Annual Conference of SNRS, Dallas, TX.

Proffitt[†], T. B., Salyer, J., Menzies, V., & **Scafide, K.** (2016, February). *Anticipatory advocacy: A conceptual model*. Poster session presented at 30th Annual Conference of SNRS, Williamsburg, VA.

Local (†students)

Scafide, K. & Crego, N. (2014, June). *Teaching nursing prioritization and delegation using multi-patient simulation*. Podium session co-presented at the Colloquium for Georgetown University Medical Center (GUMC) Educators in the Health Professions by the Center for Innovation and Leadership in Education (CENTILE), Washington, DC.

Scafide, K. & Thomson, W. (2014, June). *Room of errors: Can You spot the risk to patient safety?* Poster session co-presented at Colloquium for GUMC Educators in the Health Professions by CENTILE, Washington, DC.

Invited

Presentations:

(Prior 10 years)

National

Scafide, K. (2025, February). *Illuminating the invisible: Leveraging AI and alternate light for forensic bruise detection*. Podium presentation at Young Forensic Scientists Forum Special Session, 77th Anniversary Conference of American Academy of Forensic Sciences (AAFS), Baltimore, MD.

Scafide, K., Fox, K., Hammond, C., & Johnson, C. (Mod). (2023, May). *Can science enhance equity? Findings and implications from a study to detect bruising on victims with dark skin pigmentation*. Plenary speaker panel at 2023 National Research Conference of the National Institute of Justice (NIJ), Arlington, VA. Recording: https://www.youtube.com/watch?v=WoBl-tdR_ps

Scafide, K., & Sheridan, D. (2022, June). *Detecting bruises using alternate light: From science to practice*. Academy of Forensic Nursing. [webinar].

Scafide, K. (2020, July). *Improving the detection of bruises through alternate light*. Advancing Forensic Nursing Science: Spotlight on Four Nurse Researchers. IAFN. [webinar].

Scafide, K. & Carter-Snell, C. (2020, October). *Got a clinical practice question? How to find answers in research literature*. IAFN. [webinar].

Scafide, K., & Sheridan, D. (speakers). (2019, October 30). *Detection and visibility of bruises using alternate light: from science to practice*. Forensic Technology Center of Excellence. [webinar].
<https://forensiccoe.org/webinar/detection-and-visibility-of-bruises-using-alternate-light-from-science-to-practice/>

Regional

Scafide, K. (2023, May). *Alternative light source & bruise detection*. Podium presentation for 2023 New York State IAFN Forensic Science & Practice Conference. [virtual].

Local

Scafide, K. (2024, March). *Avoiding the Silos: A Nursing Research Journey*. Johns Hopkins University School of Nursing, Baltimore, MD.

Scafide, K., & Castillo Valladares, H. (2024, March). *Detecting bruises using alternate light: From science to practice*. Speaker panel at Physicians for Human Rights Student Advisory Board clinical speaker series, University of Michigan Medical School. [virtual].

Hines, D., Grace, K. T., Gupta, J., & **Scafide, K.** (2023, April). *Faculty roundtable on violence prevention research*. College of Public Health, George Mason University. [webinar].

Scafide, K. (2018, October). *A researcher's journey: From practice problem to innovative research solution*. Keynote session presented at Nursing Research & Evidence-based Practice Symposium by Inova Health Systems, Fairfax, VA.

Scafide, K. (2018). *Advancing practice through bruise science*. Keynote session presented at Interdisciplinary Research & Evidence-based Practice Conference of Valley Health Winchester Medical Center, Winchester, VA.

Scafide, K. (2017). *Path to excellence*. Distinguished speaker of Induction Ceremony of Sigma Theta Tau International Epsilon Zeta Chapter, Fairfax, VA.

Patents:

Patents Pending:

Scafide, K., Lattanzi, D., & Wojtusiak, J. (2024, June). *Systems and processes for automated detection and characterization of skin features using machine*

learning (US Patent Application 2024-0185419-A1). U.S. Patent and Trademark Office.

Other Media: Chute, J. & Scafide, K. (2024, April). *Just Science. Just Technology to Improve Sexual Assault Bruise Detection*. National Institute of Justice's Forensic Technology Center of Excellence. [audio podcast].
<https://forensiccoe.org/podcast-2024-saam-ep2/>

Walker, J. (producer). (2023, January). *Patients Come First Podcast - Katherine Scafide*. Virginia Hospital & Healthcare Association. [audio podcast].
<https://www.vhha.com/communications/patients-come-first-podcast-katherine-scafide/>

Pilkington, M. (producer). (2022, November 14). *Shedding light on assault*. Justice Today Podcast. National Institute of Justice. [audio podcast].
<https://www.ojp.gov/news/podcast/shedding-light-on-assault>

Mangum, L. (producer). (2019, May 14). *Just skin deep (Guests: Dr. Katherine Scafide and Dr. Daniel Sheridan)*. Just Science Podcasts. RTI International Center for Forensic Sciences. [audio podcast]. <https://forensiccoe.org/2019rd-e1/>

College of Public Health, George Mason University. (2019, January 16). *Forensic nursing: Finding the best ways to assess bruises* [video].
<https://www.youtube.com/watch?v=-gzi-hfnJvI>

Professional Memberships: *American Academy of Forensic Sciences Standards Board (ASB), LLC*
 Forensic Nursing Consensus Body, appointed founding member, 2024 – present
 (Prior 10 years)

National Institute of Standards & Technology (NIST), Organization of Scientific Area Committees (OSAC) for Forensic Science
 Forensic Nursing Sub-committee, appointed founding member, 2021-2023; affiliate member, 2023 – present

American Academy of Nursing
 Member, 2023 – present

American Academy of Forensic Sciences
 Member, inducted, 2020 – present

Academy of Forensic Nursing
 Lifetime Member, 2020 – present

Council for the Advancement of Nursing Science
 Member, invited, 2018 – present

International Association of Forensic Nursing

Chair, Research Committee – 2021 – 2022

Maryland-District of Columbia (MD-DC) Chapter Board Officer, 2005 – 2008

Lifetime Member, 2004 – present

Southern Nursing Research Society

Member, 2008 – present

Sigma Theta Tau International, National Nursing Honor Society

Member, inducted, 1996 – present

Research**Service:**

(Prior 10 years)

Journal of Forensic Nursing

Editorial Board member, 2024 – present

Inova Health System

Nursing Research & EBP Council, George Mason representative, 2023 – present

Manuscript Reviewer:

- Forensic Science, Medicine, & Pathology (Springer Publishing)
- International Journal of Legal Medicine (Springer Publishing)
- Journal of Family Violence (Springer Publishing)
- Journal of Forensic Nursing (Wolters Kluwer)
- Journal of Forensic Sciences (Wiley)
- Journal of Wound Care (MA Healthcare)
- SAGE Open Nursing (Sage Publishing)
- Violence and Gender (Mary Ann Liebert, Inc. Publishing)

External Tenure Reviewer:

- Old Dominion University, Virginia Beach VA
- Oakland University, Rochester, MI

International Association of Forensic Nurses

Research Committee, Chair, 2021 – 2022; member, 2019 – 2023

Council for the Advancement of Nursing Research

Advanced Methods Conference Planning Committee, 2018 – 2019

George Mason University, Provost's Office

Multidisciplinary Research Seed Award, Grant Reviewer, 2015, 2016

Washington Regional Nursing Research Consortium

Annual Doctoral Student Research Conference, Abstract Reviewer, 2014

**Teaching
Service:**
(Prior 10 years)

Scafide, K. (2022, 2023, 2024). *Sexual Assault Nurse Examiner*. Invited guest lecture presented in Forensic DNA Laboratory (FRSC.461) at George Mason University, Fairfax, VA.

Scafide, K. (2023). *Advancing practice through bruise science*. Invited guest lecture presented in Nursing as a Health Profession and Discipline (NURS.334) at George Mason University, Fairfax, VA.

Scafide, K. (2020, 2021). *Detection and visibility of cutaneous bruises using alternate light: A multisite randomized controlled trial*. Invited guest lecture presented in Fundamentals of Clinical Trials (PH.8885) at Georgia State University, School of Public Health, Atlanta, GA.

Ewell, M., Fucci-Bartoszek, A., Saxton, R. & **Scafide, K.** (2021, April). *You won a grant. Now what?* Invited panelist presented by Office of Sponsored Research at George Mason University, Fairfax, VA.

Scafide, K. (2020, April). *Detection and visibility of bruises using alternate light: From science to practice*. Invited guest lecture presented in Special Topics in Violence Research (NR.110.812) at Johns Hopkins University, School of Nursing, Baltimore, MD.

Scafide, K. (2018, October). *A researcher's journey: From clinical problem to research solution*. Invited guest lecture presented in Research in Nursing (NURS.453) at George Mason University, School of Nursing, Fairfax, VA.

Peppard, L., & **Scafide, K.** (2016, October). *Pearls of wisdom in grant writing*. Invited guest lecture co-presented to Doctoral Student Organization, George Mason University, School of Nursing, Fairfax, VA.

Scafide, K. (2016). *Advancing practice through bruise science*. Invited guest lecture presented to Nursing Faculty Organization, George Mason University, School of Nursing, Fairfax, VA.

Scafide, K. (2016). *Honor Code Committee: Giving faculty perspective*. Invited guest lecture presented to Nursing Faculty Organization, George Mason University, School of Nursing, Fairfax, VA.

Scafide, K. (2016, November). *Nurse's Role in Research & Evidence-based Practice*. Invited guest lecture presented to Nursing as a Health Profession and Discipline (NURS.334) at George Mason University, School of Nursing, Fairfax, VA.

Scafide, K. (2016). *From literature...to evidence*. Invited guest lecture presented to Evidence-based Practice in Nursing and Healthcare (NURS.883) at George Mason University, School of Nursing, Fairfax, VA.

Scafide, K. (2015, October). *Quantitative research*. Invited guest lecture presented to Research in Nursing (NURS.453) at George Mason University, School of Nursing, Fairfax, VA.

Scafide, K. (2015). *Liability: Protecting yourself and the patient*. Invited guest lecture presented to Transition to Professional Practice (NURS.252) at Georgetown University, School of Nursing and Health Studies, Washington, DC.

Scafide, K. (2013, 2014). *Effects of violence and the role of the public health nurse*. Invited guest lectures presented to Public Health Nursing (NURS.251) at Georgetown University, School of Nursing & Health Studies, Washington, DC.

University Service:

University-level

Honor Code Committee, Member, 2016 – 2019
Provost's Multidisciplinary Research Seed Grant Award, Reviewer, 2015, 2016

College of Public Health

Promotion & Tenure Committee, School representative, 2024 – 2026
Faculty Council, Chair 2022-2023; School representative 2021 – 2023
Search Committee (Assoc. Dean of Research), invited, 2018 – 2019
Faculty Development Committee, School representative, 2017 – 2018
Grievance Committee, School representative, 2015 – 2018

School of Nursing

Search Committee (tenure-line faculty), Chair 2020 – 2021, 2024 – Present
Search Committee (Division Dean), Member 2023 – Present
Faculty Shared Governance, Chair, 2021 – 2023
Program Evaluation, Chair 2020, Member 2019 – 2021
Faculty Matters Committee, Chair 2017 – 2018, Member 2015 – 2019
Nursing Camp, Instructor, Summer 2017, 2018, 2019
Faculty Council, At-large Member, 2015

Community Outreach:

Scafide, K. (2024, October). *Telling the victim's story: How advances in technology are improving the detection of injuries*. Invited guest lecture for Osher Lifelong Learning Institute, George Mason University, Fairfax, VA.

Scafide, K. (2018, October). *Forensics in healthcare*. Invited guest lecture/activity for STEM+H Power Aid, sponsored by Northern Virginia Area Health Education Center (AHEC), George Mason University, Fairfax, VA.

Mentorship: Doctor of Philosophy Candidates (defended):

(Formal)

Kutahyalioğlu, N. *Implementation and practice barriers of family-centered care in neonatal nurse*. George Mason University, Fairfax, VA. Role: **Chair** dissertation committee. Defended, 2021.

Bahari, G. *Family social support, self-efficacy, and self-care behaviors among Saudi adult males with hypertension in Saudi Arabia*. George Mason University, Fairfax, VA. Role: **Chair** dissertation committee. Defended, 2019.

Sharma, S. *Factors associated with workplace bullying at the individual and school levels among school nurses*. George Mason University, Fairfax, VA. Role: **Chair** dissertation committee. Defended, 2019.

Nunn, J. *Development of spectroscopic identification and analysis of haemoglobin components in bruises*. Flinders University, Adelaide, Australia. Role: External reviewer (invited). Defended, 2019.

Kurban, G. *A grounded theory study of the process by which nurses promote sleep among ICU patients in the Kingdom of Saudi Arabia*. George Mason University, Fairfax, VA. Role: Member dissertation committee. Defended, 2019.

Asamoah, S. *The process by which African-born nurses deliver palliative and end-of-life care in intensive care setting under the American health care system*. George Mason University, Fairfax, VA. Role: Member dissertation committee. Defended, 2019.

Sibandze, B. *The process by which nurses in Swaziland develop a values-based practice: A mixed-methods study*. George Mason University, Fairfax, VA. Role: Member dissertation committee. Defended, 2018.

Doctor of Nursing Practice Candidates (graduated):

Ayoade, D. *Integrating a music intervention protocol for persons with dementia at a long-term care facility*. George Mason University, Fairfax, VA. Role: Member project committee. Graduated, 2018.

Senko, S. *Increasing discussions about advance directives with well adults in the primary care setting: A toolkit for providers*. George Mason University, Fairfax, VA. Role: Member project committee. Graduated, 2018.

Thilakawardana, U. *A framework to educate healthcare providers on human trafficking*. George Mason University, Fairfax, VA. Role: Member project committee. Graduated, 2018.

In the News:

(Prior 10 years)

National

National Institute of Justice (NIJ). (2023, Aug). *Using science to enhance equity: Findings and implications from a study to detect bruising on victims with dark skin*. NIJ. <https://nij.ojp.gov/topics/articles/using-science-enhance-equity>



American Journal of Nursing (AJN). (2023). *AJN*, 123(7).

- Featured on cover.
- Guest editor mention: Jolie, A. Addressing health inequities in survivors of domestic violence. p. 5.
<https://doi.org/10.1097/01.NAJ.0000944848.82638.8d>
- Profiled in “Nurse Innovator” series: Benjamin, E., & Giuliano, K. K. Improving bruise detection in patients with dark skin tone. p. 46-47.
<https://10.1097/01.NAJ.0000944928.99103.45>

Das, S. (2023, July). *Who is Katherine Scafide? Angelina Jolie pens powerful op-ed about 'racial bias' against domestic violence survivors in health care*.

Microsoft Start. <https://www.msn.com/en-us/health/wellness/who-is-katherine-scafide-angelina-jolie-pens-powerful-op-ed-about-racial-bias-against-domestic-violence-survivors-in-health-care/ar-AA1dv5ko>

Esquibias, L. (2023, July). *Angelina Jolie pens powerful op-ed about domestic violence survivor's health inequities*. People. <https://people.com/angelina-jolie-pens-op-ed-health-inequities-survivors-domestic-violence-7557293>

Science Magazine. (2023, July). *Nurse researcher casts new light on bruise detection in patients with darker skin tones*. <https://scienmag.com/nurse-researcher-casts-new-light-on-bruise-detection-in-patients-with-darker-skin-tones/>

Printup, L. C (Producer). (2023, May). *Bruise detection*. SCRIPPS Local Media Division (61 TV stations in 41 markets). <https://f.io/6lYsRNSV>

Rayford, R. R. (2023, April). *Black mom who killed husband after years of abuse is freed from Georgia jail after judge rules it self-defense*. Essence. <https://www.essence.com/news/black-mom-domestic-abuse-freed-from-georgia-jail/>

Johnson, C. (2023, February). *New research could help nurses, police detect bruises on people with dark skin*. National Public Radio (NPR). [audio podcast]. <https://www.npr.org/2023/02/21/1158334975/new-research-could-help-nurses-police-detect-bruises-on-people-with-dark-skin>

Moges-Gerbi, M, & Chavez, N. (2023, February). *Using an alternate light*

source could help nurses and police detect bruises on darker skin, research says. CNN: health. <https://www.cnn.com/2023/02/22/health/bruise-detection-darker-skin-victims-reaaj/index.html>

Brusie, C. (2022, December). *Forensic nurse develops bruise detecting technology for dark skin*. Nurse.org. <https://nurse.org/articles/nurse-develops-bruise-technology-dark-skin/>

Blackman, J. (Producer) & Kate Snow (Reporter). (2022, August). *Bruises are harder to detect on people of color in abuse cases. New technology could change that*. Nightly news with Lester Holt. National Broadcasting Company (NBC). <https://www.nbcnews.com/nightly-news/video/bruises-are-harder-to-detect-on-people-of-color-in-abuse-cases-new-technology-could-change-that-145990213867>

Using AI for better forensic bruise analysis. (2022, July). Forensic: On the Scene and in the Lab. <https://www.forensicmag.com/587860-Using-AI-for-Better-Forensic-Bruise-Analysis/>

Blackman, J. (Producer) & Kate Snow (Reporter). (2022, March 16). *Nightly news with Lester Holt*. National Broadcasting Company (NBC). <https://www.youtube.com/watch?v=SfG0M2VhMSk>

Blackman, J. (Producer) & Kate Snow (Reporter). (2022, March 17). *Today*. NBC. <https://www.today.com/video/angelina-jolie-on-laws-protecting-women-and-children-during-custody-disputes-135579717662>

McLeod-Henning, D. (2022, January). *Improving bruise detection with alternate light*. National Institute of Justice (NCJ 303692). <https://nij.ojp.gov/library/publications/improving-bruise-detection-alternate-light#additional-details-0>

*Most accessed article IAFN *Forensic Nursing News* 2022.

Taylor, M. (2020, May 6). *Alternative light 5x better at detecting bruises across diverse skin types*. Forensic: On the Scene and in the Lab. <https://www.forensicmag.com/563958-Alternative-Light-5x-Better-at-Detecting-Bruises-Across-Diverse-Skin-Types/>

Henderson, E. (2020, May 1). *Alternate light 5 times more effective in detecting bruises on victims of color*. AZO Life Sciences. <https://www.azolifesciences.com/news/20200501/Alternate-Light-5-Times-More-Effective-In-Detecting-Bruises-On-Victims-Of-Color.aspx>

Hawkins, D. (2020, April 30). *Alternate light gives five times more effective in detecting bruises on victims of color*. Medical Xpress.

<https://medicalxpress.com/news/2020-04-alternate-effective-victims.html>

George Mason: Faculty receives National Institute of Justice grant for bruise identification protocol. (2019, December 10). Association of Schools and Programs in Public Health. <https://www.aspph.org/george-mason-faculty-receives-national-institute-of-justice-grant-for-bruise-identification-protocol/>

Research helps forensic nurses see underlying bruises. (2019, Aug 22). Forensic Nurses News, IAFN. <https://multibriefs.com/briefs/iafn/IAFN082219.php>

Local

Casillas, Mauricio (Producer/Reporter) (2024, March). *GMU gets \$5M for creation of AI-fueled anti-domestic violence app*. National Broadcasting Company (NBC) 4 Washington.

<https://www.nbcwashington.com/news/local/northern-virginia/gmu-gets-5m-for-creation-of-ai-fueled-anti-domestic-violence-app/3571731/>

Luthern, A. (2023, March). *Bruises can be hard to see on dark skin tones. How technology is illuminating injuries*. Milwaukee Journal Sentinel.

<https://www.jsonline.com/story/news/health/2023/03/07/purple-light-makes-visible-bruises-in-black-brown-skin-helps-domestic-violence-victims-milwaukee/69969414007/>

Hughes, M. (Producer). (2023, February). *Shedding light on bruise detection for dark skinned patients*. KCBS Radio in San Francisco. [audio podcast].

<https://www.audacy.com/podcasts/kcbs-on-demand-20757/shedding-light-on-bruise-detection-for-dark-skinned-patients-1556930071>

Clanton, N. (2022, December). *Nurse develops technology to detect bruises on dark skin*. The Atlanta Journal-Constitution. <https://www.ajc.com/pulse/nurse-develops-technology-to-detect-bruises-on-dark-skin/>

Raman, Arun (Producer) and Olabanji, Jummy (Reporter) (2022, October). *Forensic nurse in Virginia develops technology to detect bruises on dark skin*. National Broadcasting Company (NBC) 4 Washington.

<https://www.nbcwashington.com/news/local/forensic-nurse-in-virginia-develops-technology-to-detect-bruises-on-dark-skin/3187640/>

College of Health and Human Services, George Mason University. (2019, October 16). *Dr. Scafide receives National Institute of Justice grant to develop protocol and curriculum for bruise identification using alternate light* [Press

release]. <https://chhs.gmu.edu/news/2019-10/dr-scafide-receives-national-institute-justice-grant-develop-protocol-and-curriculum>

Clark, M. L. (2019, August 19). *Research helps forensic nurses see underlying bruises*. George Mason University. <https://www2.gmu.edu/news/578921>

Inquiring minds. (2017, Winter). *Mason Spirit*.
https://issuu.com/masonspiritmagazine/docs/mason_spirit_winter_17_final

Irish, Britney. (2017, Spring). Paintball gun keys study of bruise visibility. *Mason Spirit*.
https://issuu.com/masonspiritmagazine/docs/masonspirit_spring2017_signoff_1

College of Health and Human Services, George Mason University. (2016, September 29). Nursing professor receives grant to study bruise visibility using unique paintball method [Press release]. <https://chhs.gmu.edu/news/2016-09/nursing-professor-receives-grant-study-bruise-visibility-using-unique-paintball-method>

Erickson, F. (2014, August 5). *The forensic science behind bruise healing [Infographic]* [Press release]. <https://online.nursing.georgetown.edu/the-forensic-science-behind-bruise-healing-infographic/>