

Nathan Alan Miracle, MS, PA-C
University of Pittsburgh
School of Health and Rehabilitation Sciences

BIOGRAPHICAL

Name: Nathan Miracle, MS, PA-C

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EDUCATION and TRAINING

UNDERGRADUATE

2004-2009	Missouri State University, Springfield, MO	Bachelor of Science	Radiography
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GRADUATE

2011-2012	Missouri State University, Springfield, MO	Master of Science	Physician Assistant Studies
2024 (In Progress)	University of Pittsburgh, Pittsburgh PA	Doctorate	Physician Assistant Studies

APPOINTMENTS and POSITIONS

ACADEMIC

2018-2022	Missouri State University Department of Physician Assistant Studies Physician Assistant Program Springfield, MO	Assistant Professor
2020-2022	Missouri State University Department of Physician Assistant Studies Physician Assistant Program Springfield, MO	Director of Didactic Education
2023-Present	University of Pittsburgh School of Rehabilitation Sciences Department of Physician Assistant Studies Hybrid Physician Assistant Studies Program Pittsburgh, PA	Assistant Professor
2023-Present	University of Pittsburgh School of Rehabilitation Sciences Department of Physician Assistant Studies Hybrid Physician Assistant Studies Program Pittsburgh, PA	Director of Curriculum
2023-Present	University of Pittsburgh School of Rehabilitation Sciences Department of Physician Assistant Studies Hybrid Physician Assistant Studies Program Pittsburgh, PA	Associate Program Director

NON-ACADEMIC

2013-2015	Golden Valley Memorial Hospital Clinton, MO	Orthopedic Physician Assistant
2015-208	Salem Memorial District Hospital Salem, MO	Family Medicine Physician Assistant
2018-2022	Mercy Orthopedic Hospital Ozark, MO	Orthopedic Physician Assistant

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION:

National Commission on Certification of Physician Assistants 2012-Present

MEDICAL or OTHER PROFESSIONAL LICENSURE:

Boarding of Healing Arts, Missouri 2013-Present

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

Missouri Academy of Physician Assistants	Member	2012-2023
American Academy of Physician Associates	Member	2012-Present
Physician Assistant Education Association	Member	2018-Present
Pennsylvania Society of Physician Assistants	Member	2023-Present

PUBLICATIONS

PUBLISHED ABSTRACTS

Schmidt B, Lutz M, Worley V, Rodgers C, **Miracle N**, Dawkins S. Exam Question Complexity Using Bloom's Taxonomy: Relationship to PACKRAT Performance. PAEA 2023 Forum Poster Abstracts. *The Journal of Physician Assistant Education* 35(1):p 62-82, March 2024. | DOI: 10.1097/JPA.0000000000000560

BOOKS, BOOK CHAPTERS AND MONOGRAPHS

Miracle, Nathan Alan, Health Policy, *Digital Health: Telemedicine and Beyond*, Chapter 22, Publisher: Elsevier, Available 2024

OTHER PEER REVIEWED PUBLICATIONS

Blazar M, Feirstein J, **Miracle N**, et al. PACKRAT version 26. Washington, DC: *Physician Assistant Education Association*, 2021.

Blazar M, Feirstein J, **Miracle N**, et al. PACKRAT version 27. Washington, DC: *Physician Assistant Education Association*, 2022.

Blazar M, Feirstein J, **Miracle N**, et al. PACKRAT version 28. Washington, DC: *Physician Assistant Education Association*, 2023.

PROFESSIONAL ACTIVITIES

TEACHING

Graduate Student Teaching:

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| 2018-2022 | PAS 787 Laboratory Medicine and Clinical Procedures/Lab, 30 Master of Science in Physician Assistant Studies Students, 2 Credits |
| 2018-2022 | PAS 786 Clinical Medicine II/Lecture, 30 Master of Science in Physician Assistant Studies Students |
| 2019-2022 | PAS 717 Medical Human Anatomy and Radiology/Lecture, 30 Master of Science in Physician Assistant Studies Students |

- 2019-2022 PAS 765 Clinical Assessment I/Lab, 30 Master of Science in Physician Assistant Studies Students
- 2019-2022 PAS 775 Principles of Clinical Problem Solving/Lab, 30 Master of Science in Physician Assistant Studies Students, 1 Credit
- 2019-2022 PAS 785 Clinical Medicine I/Lecture, 30 Master of Science in Physician Assistant Studies Students
- 2019-2022 PAS 766 Clinical Assessment II/Lab, 30 Master of Science in Physician Assistant Studies Students
- 2020-2022 PAS 780 Pharmacotherapeutics I/Lecture, 30 Master of Science in Physician Assistant Studies Students, 1 Credit
- 2020-2022 PAS 781 Advanced Pharmacotherapeutics/Lecture, 30 Master of Science in Physician Assistant Studies Students, 3 Credit
- 2022-2023 PAS 2406 Medical Physiology and Pathophysiology, 100 Master of Science in Physician Assistant students, 4 Credit
- 2023-2024 PAS 2409 History Taking and Physical Examination 1, 100 Master of Science in Physician Assistant Student, 3 Credit
- 2023-2204 PAS 2413 History Taking and Physical Examination 2, 100 Master of Science in Physician Assistant Student, 3 Credit
- 2023- 2024 PAS 2401 Introduction to the PA Profession, 100 Master of Science in Physician Assistant students, 1 credit

RESEARCH

Prior Grant Support:

Grant Number	Grant Title	Role in Project	Years Inclusive	Source and Amount
N/A	Enhancement of Acute Airway Management and Endotracheal Intubation Skills in PA Studies	Principal Investigator 12 Months	2021-2022	Missouri State University Faculty Center on Teaching and Learning \$2,105

Non-Funded Research:

- *Does the Difficulty of Clinical Medicine Exam Questions Impact PACKRAT Outcomes?* (Missouri State University IRB-FY2022-230)
- *Healthcare utilization in relation to patient medical knowledge in the uninsured, underinsured patient population in a free clinic* (Missouri State University IRB-FY2022-328)

LIST of CURRENT RESEARCH INTERESTS

- Novel approaches to the assessment of learner's knowledge acquisition
- Healthcare utilization practices of the uninsured patient population

INVITED SEMINARS AND LECTURESHIPS

Regional Presentations:

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| 26 April 2021 | "Promoting Culture Competence and Cultural Consciousness in Physician Assistant Studies", McQueary College of Health and Human Services Diversity Showcase, Springfield, MO |
| 22 July 2021 | "Confounding Causes of Hip Pain", Missouri Academy of Physician Assistants, Annual Primary Care Update, Branson, MO |
| 22 July 2021 | "Updates in the Management of Osteomyelitis", Missouri Academy of Physician Assistants, Annual Primary Care Update, Branson, MO |
| 3 November 2022 | "Primer on Therapeutic Joint Injections", Missouri Academy of Physician Assistants, Annual Primary Care Update, Branson, MO |
| 14 July 2023 | "Hidradenitis Suppurativa Update", Missouri Academy of Physician Assistant, Annual Conference, Branson, MO |
| 25 October 2023 | Poster Presentation: "'Moral Disengagement in Medicine.'" Olivia Miller, PA-S2; Nathan Miracle, MS, PA-C. Pennsylvania Society of Physician Assistants, Annual Conference, Hershey, PA |

National Presentations

10 October 2023 Poster Presentation: "Exam Questions Complexity Using Bloom's Taxonomy: Relationship to PACKRAT Performance." Elizabeth H. Schmidt, DMS, PA-C; Mark Lutz, MPAS, PA-C; Christine Rodgers, MPAS, PA-C, MPH. Vanessa H. Worley, MPAS, PA-C; Stacy Dawkins, MPAs, PA-C; Nathan Miracle, MS, PA-C. Physician Assistant Education Association, Education Forum, New Orleans, LA.

SERVICE

University and School:

2018-2022	Member, Promotion and Professional Standards Committee, Physician Assistant Studies Program, Missouri State University
2019-2022	Senator, Faculty Senate, Missouri State University
2019-2022	Member Admissions Committee, Physician Assistant Studies Program Admissions Committee
2020	Chair, Faculty Search Committee, Physician Assistant Studies Program, Missouri State University
2020-2022	Member, MCHHS College Budget Committee, Missouri State University
2020-2022	Member, MCHHS Inter-professional Education Committee, Missouri State University
2020-2022	Chair, Curriculum Committee, Physician Assistant Studies Program, Missouri State University
2023 – Present	Member, Admissions Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh
2023 – Present	Member, Student Advisory and Assessment Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh
2023 – Present	Member, Executive Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh
2023 – Present	Member, Accreditation Standards Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh

- 2023 – Present Member, Data Analytics Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh
- 2023 – Present Chair, Curriculum Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh
- 2023-Present Chair, Data Analytics Committee, Hybrid Physician Assistant Studies Program, University of Pittsburgh
- 2023 – Present Faculty Advisor, Hybrid Physician Assistant Student Society, Hybrid Physician Assistant Studies Program, University of Pittsburgh

Regional Service:

- 2019-2020 Secretary, Membership Committee, Missouri Academy of Physician Assistants
- 2022-2023 Member, Social Media Committee, Missouri Academy of Physician Assistants

National Service:

- 2019 Conference Proposal Grader, American Academy of Physician Assistants
- 2023-2024 Peer Reviewer, Conference Submissions, Physician Assistant Education Association, Annual Education Forum
- 2021-Present Exam Development Board Member, PACKRAT Exam, Physician Assistant Education Association