

DEANNA L. DENAULT

EDUCATION

Ph.D. – Physiology, *Geisel School of Medicine at Dartmouth*

Dissertation: “*Identification of Aldosterone-Responsive Genes in Cortical Collecting Duct Cells*”

Mentor: Anikó Náray-Fejes-Tóth, MD

M.A. – Physiology, *Boston University School of Medicine*

Thesis: “*Regulation of Smooth Muscle Contraction*”

Mentor: William J. Lehman, PhD

M.Ed. – Cardiac Rehabilitation, *Springfield College*

Thesis: “*Hemodynamic Effects of Exercise on Patients During Hemodialysis*”

Mentor: Edward Burke, PhD

B.S. – Exercise Science, *University of Massachusetts*

Division I Varsity Soccer Team and Senior Tri-Captain

POST-DOCTORAL TRAINING

Geisel School of Medicine at Dartmouth College, Hanover, NH

Department of Genetics and Biochemistry

Research Focus: “*Molecular Mechanisms of Circadian Rhythms in Neurospora crassa*”

Mentors: Jay C. Dunlap, PhD & Jennifer J. Loros, PhD

ACADEMIC APPOINTMENTS

MGH Institute of Health Professions, Boston, MA

Interim Chair, Physician Assistant Program | *January 2025 – Present*

Associate Professor, Physician Assistant Program | *May 2024 – Present*

MGH Institute of Health Professions, Boston, MA

Associate Director/Associate Chair, Physician Assistant Program | *May 2024 – December 2024*

Associate Professor, Physician Assistant Program | *May 2024 – Present*

Clarkson University, Potsdam, NY

Interim Director of Didactic Education, Physician Assistant Program | *August 2021 – May 2024*

Associate Professor, Physician Assistant Program | *August 2021 – May 2024*

Assumption University, Worcester, MA

Professor of Practice, Physician Assistant Program | *January 2020 – July 2021*

Franklin Pierce University, Rindge, NH

Associate Director of Didactic Education, Physician Assistant Program | *July 2013 – January 2020*

Assistant Professor, Physician Assistant Program | *July 2011 – January 2020*

Geisel School of Medicine at Dartmouth College, Hanover, NH

Program Coordinator, On-Doctoring Course | *September 2010 – June 2011*

River Valley Community College, Claremont, NH

Chair, Math and Sciences, Liberal Arts and Science Department | *January 2005 – August 2010*

Assistant Professor, Liberal Arts Program | *January 2002 – August 2010*

Middlesex Community College, Bedford, MA

Founding Director and Professor, Cardiovascular Technology Program | *June 1985 – August 1989*

TEACHING EXPERIENCE**MGH IHP Physician Assistant Program**

- PA650 Foundations of Medicine
- PA736 Essentials of Cardiovascular Disease

Capstone Research Project

- PA830 Seminar I
- PA840 Seminar II
- PA850 Seminar III

Clarkson University Physician Assistant Program

Pharmacotherapeutics Course Series

- PA507 Pharmacotherapeutics I
- PA508 Pharmacotherapeutics II
- PA500 Pharmacotherapeutics III

Master's Project

- PA609 Clinical Research Elective
- PA611 Master's Project

Assumption University Physician Assistant Program
Clinical Science Course Development

- PHA 521 Clinical Science I
- PHA 522 Clinical Science II
- PHA 523 Clinical Science III

Pharmacology Course Development

- PHA 531 Pharmacotherapeutics I
- PHA 532 Pharmacotherapeutics II
- PHA 533 Pharmacotherapeutics III

Franklin Pierce University Physician Assistant Program
Clinical Application of Basic Science Course Series

- ME512 Clinical Application of Basic Science I
- ME540 Clinical Application of Basic Science II
- ME564 Clinical Application of Basic Science III

Pharmacology Course Series

- ME504 Pharmacology I
- ME506 Pharmacology II
- ME509 Pharmacology III
- ME588 Clinical Pharmacology

Evidence-Based Medicine Course Series

- ME556 Understanding and Accessing the Medical Literature
- ME584 Evidence-Based Medicine in Clinical Practice

River Valley Community College

- Biology I, Biology II
- Anatomy and Physiology I, Anatomy and Physiology II
- Microbiology, Nutrition

Middlesex Community College

- Cardiac Anatomy, Physiology, and Pathophysiology
- Cardiovascular Patient Assessment
- Medical Terminology
- Basic Electrocardiography Interpretation
- Advanced Electrocardiography Interpretation

HONORS AND AWARDS

- Faculty Member of the Year, Franklin Pierce Physician Assistant Program (2013)
- Phi Theta Kappa Teacher of the Year, River Valley Community College (2010)
- Chancellor's Excellence in Teaching Award, River Valley Community College (2008)
- President's Good Steward Award, River Valley Community College (2007)
- Phi Theta Kappa International Convention Advisor's Award, River Valley Community College (2007)
- John W. Strohbehn Excellence in Biomedical Research, Nominee, Dartmouth (1997)
- Hoechst Marion Roussel-Excellence in Renal Research Award, APS (1996)
- American Association of Anatomists Travel Award, Experimental Biology (1996)
- Albert J. Ryan Foundation Fellowship, Dartmouth College (1995)

PUBLICATIONS & SCHOLARSHIP

Peer-reviewed Journals

- Horowitz AJ, Frey D, Denault D, et al. Sympathomimetics. [Updated 2023 Jan 17]. *StatPearls [Internet]*. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK546597/>
- Lofrese JJ, Tupper C, Denault D, et al. Physiology, Residual Volume. [Updated 2023 Feb 27]. *StatPearls [Internet]*. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK493170/>
- Denault D, Gardner H. OSHA Bloodborne Pathogen Standards. [Updated 2023 Apr 10]. *StatPearls [Internet]*. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK570561/>
- Rhodes CE, Denault D, Varacallo M. Physiology, Oxygen Transport. [Updated 2022 Nov 14]. *StatPearls [Internet]*. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK538336/>
- Reeves SA, Denault D, Huntington JT, et al. Learning to Overcome Hierarchical Pressures to Achieve Safer Patient Care: An Interprofessional Simulation for Nursing, Medical, and Physician Assistant Students. *Nurse Educator*, 42(5S Suppl 1), S27–S31. <https://doi.org/10.1097/NNE.0000000000000427>

Book Chapters

- Denault, D. L. (2024). Chapter 37: Breast Surgery and Chapter 45: Procedures. In: *The PA Rotation Exam Review*. Lippincott Williams & Wilkins.
- Coale, J.A., Ambrosi, A., Denault, D. L., Diallo, S.N. (2022). Chapter 4: The Pulmonary System. In: *Clinical Medicine for Physician Assistants*. Springer Publishing Company, LLC.
- Froehlich, A. C., Pregueiro, A., Lee, K., Denault, D., Colot, H., Nowrouzian, M., Loros, J. J., & Dunlap, J. C. (2003). The molecular workings of the *Neurospora* biological clock. *Novartis Foundation Symposium*, 253, 184–284.

RECENT PRESENTATIONS

- Yealy, J., Massey, S., Chadha, R., Beck, D., **Denault, D.** (2021). Relationship of the PA-CAT Exam to Clinical GPA and PANCE. Poster presentation at the PAEA Education Forum, Philadelphia, PA.
- Massey, S., Yealy, J. K., Chadha, R., Beck, D., **Denault, D.** (2020). The Relationship Between the PA School Admissions Exam (PA-CAT), the PA program didactic year and PACKRAT. Poster presentation at the PAEA Education Forum, Virtual Conference.
- **Denault, D.**, Allman, M., Massey, S. and Yealy, J. (2019). Current PA Admissions Practices: The Common and Uncommon. Invited lecture at the PAEA Education Forum, Washington, DC.

SERVICE

Professional Service

- Dartmouth College Admissions Ambassador (2025 – Present)
- UMASS Lowell Exercise Science Program Advisory Board (2025 – Present)
- JAX Clinical Education Advisory Board (2024 – Present)
- Physician Assistant Education Region Forum Proposal Reviewer (2024 – Present)
- Physician Assistant Education Forum Proposal Reviewer (2021 – Present)

Community Service

- Friends of Norwich and Hanover Schools Committee, Board Member (2012 – 2020)
- Lighting Soccer Club, Head Coach (2007 – 2017)
- Hanover Hockey Association, Board Member (2010 – 2012)

University/Institutional Service

- Clarkson University: Provost Committee on Faculty Development (2021 – 2024)
- Assumption University: Froehlich School of Nursing Faculty Search Committee (2021)
- Franklin Pierce University: Provost and VP for Academic Affairs Search Committee, Chair (2018)