

Dipu Patel, DMSc, MPAS, PA-C

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SUMMARY

Heal, education, and learn with humor, humility, and humaneness. Whether it is educating students, patients, or professionals or engaging leadership in a new project, it is crucial to meet each person where they are in their learning journey. This is my philosophy in approaching curriculum development, project management, and patient education.

EDUCATION AND PROFESSIONAL EXPERIENCE

CURRENT/RECENT POSITION(S)

Vice Chair for Innovation, Professor, Doctor of PA Studies Program, University of Pittsburgh, Pittsburgh, PA
September 2022-Current

- Teaching: Core Concepts of Scholarly Practice, Scholarly Practice Capstone Project, Internship Experience, Telehealth curriculum development
- Projects: Telehealth curriculum development for Hybrid PA Program, Virtualist Program in collaboration with UPMC, Digital Health Certificate Program development, Digital Health Book in progress
- Grants: 2023 Health Professional Clinical Training Expansion Grant Program Clinical Partnerships, Telehealth, and Health Equity Scholarship Program, in collaboration with Augsburg University

Director of Clinical Pathways, DayToDay/Babylon Health, Boston, MA
May 2020-August 2022

- Oversee collaborative team of OKR and KPI-driven Pathways Managers to develop a deep understanding of the patient journey with surgical staff at hospital partners
- Strategic product planning to identify and scale delivery of app features and capabilities to develop new features
- Utilize Jira and Confluence across sales, research, product, and UX teams to develop and deliver holistic content through sprint planning
- Support sales team with storyboarding and slide decks as needed
- Developed and scaled over 60 HIPAA-compliant surgical and chronic disease pathways in various verticals (cardiovascular, orthopedics, oncology, gastrointestinal/general surgery, neurology, genitourinary, coloproctology, maternity, and COVID-19) to aid in patient support and outcomes
- Conduct broad literature review, environmental scanning, and competitor analysis to understand and apply industry standards and trends to product
- Collaborate and develop partnerships to drive and operationalize novel pathways translating to exceptional patient experience and meeting the needs of partnering hospitals using remote patient monitoring data
- Worked closely with medical writers to generate a library of disease-specific educational content that is medically accurate, and direct timing for content delivery through the app
- Partner with research team on clinical outcomes data collection methodology and analysis to improve delivery of product for clients
- Implement quality improvement through the validation and review of existing pathways using patient reported outcomes data and evolution in the standard of care
- Conduct trainings for both internal and external stakeholders on care plans
- Understanding of Lean and Agile methodologies and NLP in the context of data collection
- Jira, Confluence, Miro, and Monday.com proficient
- Excellent Microsoft and Google Suite product skills

CURRENT TEACHING

Dipu Patel, DMSc, MPAS, PA-C

Adjunct Professor, University of Lynchburg, Lynchburg, VA <i>Courses/Lectures: Evidence Based Medicine</i>	January 2022- current
Adjunct Professor, Bay Path University, Springfield, MA <i>Courses/Lectures: Infectious Disease, IBD/IBS</i>	August 2020- current
Adjunct Professor, Dominican University, San Rafael, CA <i>Courses/Lectures: Health Policy, Lab Studies, Hypertension, Metabolic Disease</i>	September 2019-current
Adjunct Professor, University of Pittsburgh, Pittsburgh, PA <i>Courses/Lectures: Core Concepts of Scholarly Practice (in development)</i>	January 2022- September 2022
Guest Lecturer, Augsburg University, Minneapolis, MN <i>Courses/Lectures: Capstone Advisor, Hematology/Oncology</i>	September 2019- current

- Savvy in multiple LMS (Google suite, Blackboard, Canvas, Moodle) and citation management (APA, AMA)
- Excellent slide deck preparation skills with audience engagement through interactive presentations
- Strategic and interdisciplinary adult learning and innovation in course, curriculum, and workflow design
- Lifelong learner of infectious disease patterns including COVID-19

CLINICAL POSITIONS

Atrius Health

- Urgent Care, Kenmore Square Center, June 2002-2022, Per Diem
 - Serve the adult acute patient with urgent care
 - Precepting and mentoring new Physician Assistants and Nurse Practitioners
 - Savvy with suturing and other procedural skills
 - Starting IVs, pushing medications, phone triage
 - Fluency EpicCare EHR system
- COVID-19 Employee Health Crisis Response Team, March 2020-May 2020
 - Identified, developed, and implemented strategies and workflows to achieve, monitor and evaluate clinical/population/roadmap outcomes with practice teams
 - Stay abreast of current clinical evidence to continually improve upon COVID-19 education for healthcare providers and staff
 - Collaborate with medical staff, team managers and members, care management, department leaders and provider educators
- Hematology and Oncology, Kenmore Square Center, January 2009-January 2013
 - Solid and liquid tumor collaborative practice
 - Chemotherapy clearance, urgent visits
 - Phone triage; Per diem phone triage over multiple years
- Clinical Leader of Urgent Care, Virtual Telecom, and Student Health Services, August 2007- January 2009
 - Responsible for bottom line financial performance of the three departments
 - Develop, implement, and manage clinical protocols for the three departments
 - Successfully improved morale and performance by taking telecommunications services virtual
 - Selected for corporate Leadership Academy among thousands of HVMA employees
 - Work closely with senior management to successfully improve clinical outcomes

Pappas Rehab Health, COVID-19 Employee Health Vendor/Contract, Canton, MA, April 2020-January 2022

- Provide consultation, staff care, and leadership to clinical care teams regarding COVID-19 testing, contact tracing, and vaccination efforts
- Stay abreast of current clinical evidence to continually improve upon COVID-19 education for healthcare providers and staff
- Collaborate with medical staff, team managers and members, care management, department leaders and provider educators
- Plan, develop, and standardize policies and workflows for clinical and operational practice
- Oversee and collaborate with team members, act as a resource for current workflows, evidence, and guidance with COVID-19

Dipu Patel, DMSc, MPAS, PA-C

Codman Square Community Health Center, Urgent Care (Pediatrics/Adults), Dorchester, MA, October 2003-February 2008

Cambridge Hospital, Emergency Room (Pediatrics/Adults), Cambridge, MA, June 2004-June 2005

Merrimack Valley Hospital, Emergency Room (Pediatrics/Adults), Fast Track, Haverhill, MA, April 2001-June 2002

PREVIOUS POSITION TITLE/RANK

Associate Program Director, Associate Clinical Professor- Physician Assistant Program, Bouvé College of Health Sciences, Northeastern University

Director of Simulation Education, Physician Assistant Program, Bouvé College of Health Sciences, Northeastern University

EDUCATION

University of Lynchburg, Doctor of Medical Science	2020-2021
University of Nebraska Medical Center Omaha, MPAS, Emergency Medicine	2004-2005
Bronx Lebanon Hospital Center Bronx, NY Physician Assistant Certificate	1998-2000
St. John's University Queens, NY Bachelor of Science, Physician Assistant	1997-2000

BOARD CERTIFICATIONS

Physician Assistant Certification
Physician Assistant Surgery Certification

PROFESSIONAL LICENSURES

Physician Assistant Certification (Massachusetts License)
Physician Assistant Surgery Certification
Advanced Cardiac Life Support Certified
Basic Life Support Certified
MCSR license (Massachusetts)
DEA license

OTHER CREDENTIALS

Digital Health Certification, Imperial College, Coursera
Virtual Coaching, LinkedIn Learning

PREVIOUS ACADEMIC APPOINTMENTS

Associate Program Director, Northeastern University, Boston, MA, March 2016-May 2020

Associate Clinical Professor, Full Time, non-tenured, Northeastern University, Boston, MA, June 2019-May 2020

Director of Simulation Education, Northeastern University, Boston, MA, March 2015-May 2020

HIPAA Compliance Officer, Speech-Language and Hearing Center, Northeastern University, Boston, MA, July 2015-May 2020

Assistant Clinical Professor, Full Time, non-tenured, Northeastern University, Boston, MA, January 2015-June 2019

Interim Program Director, Physician Assistant Studies, Massachusetts College of Pharmacy and Health Sciences, Boston, MA, July 2013-January 2015

Assistant Professor, Full Time, non-tenured, Physician Assistant Studies, Massachusetts College of Pharmacy and Health Sciences, Boston, MA, October 2013-January 2015

SERVICE

International

- Global Medical Brigades through Northeastern University, Panama Medical Mission, Lead PA, March 2016

National

- PAVMT CME Chair Sept 2022-Current

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- PAEA Director at Large, Elected October 2016-2020
- PACKRAT Item Writing Committee, PAEA, Member, February 2015-January 2017
- PAEA Northeast Regional Meeting Lead Facilitator, October 2016
- American Academy of Physician Assistants, Member

Local/Regional

- Massachusetts Board of Registration of Physician Assistants, Chair
 - Chair September 2012-current
 - Member since 2009
- Special Commission to Study and Make Recommendations Regarding the Licensing of Foreign-Trained Medical Professionals, Member, May 2021-current
- Governor's Advisory Council, Task Force on Foreign Born Healthcare Professionals in Massachusetts, Advisor, 2014
- Atrius Health COVID19 Employee Health Incident Command Team, Clinical Lead, March 2020

University

Pittsburgh

- Diversity, Equity, and Inclusion Committee, University of Pittsburgh, Member, September 2022-Current
- Admissions Committee, DPAS Program, University of Pittsburgh, Member, September 2022-Current
- Curriculum Committee, DPAS Program, University of Pittsburgh, Member, September 2022-Current
- PAS Scholarship Program, Department of PA Studies, University of Pittsburgh, Member, September 2022-Current
- Student Counseling Initiatives Committee, Department of PA Studies, University of Pittsburgh, Member, September 2022-Current
- Invited Lecture Series, DPAS Program, University of Pittsburgh, Chair, September 2022-Current

Northeastern

- Graduate Curriculum Committee, Northeastern University, Member, January 2020-May 2020
- COMET Task Force, Northeastern University, November 2017-June 2018
- Innovations in Healthcare for High School Students, Northeastern University, October 2017-July 2019
- Program Website Task Force, Northeastern University, November 2017-May 2020
- Social Media Manager, Physician Assistant Program, Northeastern University, December 2016-May 2020
- Simulation Leadership Council, Northeastern University, Grant Review Committee, October 2016-May 2020
- Simulation Leadership Council, Northeastern University, Member, January 2015-May 2020
- Northeastern University Speech, Language, and Hearing Center, Compliance Officer, August 2015-May 2020
- Bouvé Health Fair Planning Committee, Northeastern University, 2015-2018
- Continuous Self-Evaluation Process Committee, Physician Assistant Program, Northeastern University, Chair, January 2015-May 2020
- Admission Committee, Physician Assistant Program, Northeastern University, Member, January 2015-May 2020
- Academic Standing Committee, Physician Assistant Program, Northeastern University, Member, January 2015-May 2020
- Hiring Committee, Physician Assistant Program, Northeastern University, Member, January 2015-May 2020
- Capstone Advising Committee, Physician Assistant Program, Northeastern University, Member, January 2015-May 2020

Clinical

- Drug Quality Assurance Committee at HVMA Hematology and Oncology
- Capital Funds and Clinical Equipment Committees at HVMA
- Diamond Award recipient 2005, Urgent Care Team
- Diamond Award recipient 2012, for significant contributions to the Code Team

FUNDING/GRANTS

Dipu Patel, DMSc, MPAS, PA-C

Augsburg University PA Program (Telehealth curriculum)

January 2023

Pfizer/PAVMT/AAPA Rheumatology Telemedicine Practice

October 2022

Dipu Patel-Junankar (PI), *Arnold S. Goldstein Inter-Professional Simulation Lab and Bouvé Simulation Leadership Council Simulation Grant*, Northeastern University Simulation Council, \$2,500

Above grant to fund attendance to Harvard Medical School Institute for Medical Simulation week-long course, *Comprehensive Instructor Workshop in Medical Simulation*, April 2016

Dipu Patel-Junankar (PI), *Full Time Faculty Development Fund* recipient, Northeastern University, February 2016

TEACHING

Northeastern University (2015-2020)

Course evaluations furnished upon request

Fall

PA6203 Physical Diagnosis and Patient Evaluation I + Lab, Course Director

PA6205 Pharmacology I, Course Director

PA6208 Professional Issues, Course Director

PA6329 Healthcare Delivery, Course Director

PA6311 Principles of Medicine I

Dermatology, Course Director

Spring

PA6312 Principles of Medicine II

Infectious Disease, Course Director

Evidence Based Medicine, Course Director

PA6204 Physical Diagnosis and Patient Evaluation II + Lab, Course Director

Summer

PA6313 Principles of Medicine III

Medical Therapeutics, Course Director

Procedures, Instructor

PA6320 Principles of Obstetrics and Gynecology, Course Director

PA6326 Aspects of Primary Care, Course Director

ENT, Course Director

Dermatology, Course Director

PA6322 Principles of Orthopedics, Course Director

PANCE Board Exam Review (various topics)

Gastroenterology review

Dermatology review

Massachusetts College of Pharmacy and Health Sciences

Spring 2014

PAS540 History and Physical II, Instructor

PAS540L History and Physical Lab II, Instructor

Graduate Seminar, Instructor

PAS542 Medical Management and Diagnosis II, Instructor

PAS541 Primary Care Management II, Instructor

PAS546 Patient Assessment II, Instructor

Fall 2013

PAS538 History and Physical I, Instructor

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PAS538L History and Physical Lab I, Instructor
Graduate Seminar, Instructor

Other Invited Teaching

Dominican University of California

Evidence-Based Medicine and Healthcare Policy course (Fall 2018, 2019, 2020, 2021,2022)
Lab Studies (Fall 2021)
Management of Hyperlipidemia (Spring 2019, 2020, 2021, 2022, 2023)
Approach to the Patient with GERD and PUD (Spring 2019, 2020, 2021, 2022, 2023)
Management of Congestive Heart Failure (Spring 2020)
Female Exam-Pelvic and Breast (Summer 2020, 2021, 2022)

University of Lynchburg

Evidence-Based Medicine (Winter 2022, 2023)
Integrating Technology and Teaching Online (Spring 2022, 2023)
Doctoral Project I (Spring 2022, 2023)
Doctoral Project II (Summer 2022)

Bay Path University Massachusetts (Fall 2020)

Infectious Disease course (16 lectures)

Augsburg University Minnesota

Introduction to Hematology and Oncology (Fall 2020)
Colorectal Cancer (Fall 2020)
Non-alcoholic Liver Diseases and Complications (Fall 2020)
Eye Disorders (Spring 2021)
Capstone advisor (Summer 2021, 2022)

University of the Sciences, Philadelphia

Eye Disorders (Spring 2021)
ENT Disorders (Spring 2021)
Pelvic Infections and Inflammation (Summer 2021, 2022)

SCHOLARSHIP

PODCASTS

- Humans With Potential with Debra Ruh, March 2023
- PAPath podcast, March 2023
- Arcadia Webinar panel on Future Trends in Digital Health, May 2023
- AXS Chat, May 2023

PUBLICATIONS

- Patel, D., Editor, *Digital Health: Telemedicine and Beyond*, Publisher: Elsevier, Available Q1 2024
- Willems, S. H., Rao, J., Bhambere, S., Patel, D., Biggins, Y., & Guite, J. W. *Digital solutions to alleviate the burden on health systems during a public healthcare crisis: COVID-19 as an opportunity*. JMIR Mhealth and Uhealth, May 2021
- Invited Manuscript Reviewer, *Clinical Medicine for Physician Assistants*, Oncology chapter, August 2020
- Patel, D., *Complete Blood Cell Count Interpretation for Hypoproliferative Anemias*, Physician Assistant Clinics, Elsevier Publishing, June 2019
- Honda, T., Patel, D., Scott, R., *Admission Variables: Predictors or Physician Assistant Student Success?* JPAE, September 2018
- Patel, D., *Embracing the Grey*, Journal for Physician Assistant Education, March 2017
- Patel, D., *The Health Professions Educator: A Practical Guide for New and Established Faculty, Chapter One: Student-Centered Pedagogy: Teaching and Learning in the 21st Century*, Springer Publishing, 2017

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- Riethle, T., Patel, D., Eames, J., Hull, S., Blazer, M., Sanchez, M., Mclellan, A., Feirstein, J., Honda, T., Williams, J., Shell, E., Aimee, N. *Physician Assistant Clinical Knowledge Rating and Assessment Tool (PACKRAT), v.21*. Co-authored national general medical knowledge examination. Physician Assistant Education Association (PAEA): PACKRAT Committee. (November 1, 2016).
- Invited Author, *PrepU*, Wolters Kluwer Publishing, Item writing contributor for Hematology/Oncology section, published April 2016
- Riethle, T., Patel, D., Eames, J., Hull, S., Blazer, M., Sanchez, M., Mclellan, A., Feirstein, J., Honda, T., Williams, J., Maclean, M. *Physician Assistant Clinical Knowledge Rating and Assessment Tool (PACKRAT), v.20*. Co-authored national general medical knowledge examination. Physician Assistant Education Association (PAEA): PACKRAT Committee. (November 1, 2015).
- Invited Manuscript Reviewer, *Clinician Review*
 - Colon Cancer Screening, March 2016
 - Idiopathic Pulmonary Fibrosis, August 2016
 - Multiple Myeloma, April 2017

ORAL PRESENTATIONS

National

- Patel, D., Digital Health: Apps, Algorithms, and Artificial Intelligence, What PAs Should Know, Physician Assistant Foundation, Women in Philanthropy, 2023
- Patel, D., Baginski, R., Curricular Adaptations to Combat Medical Misinformation in the Digital Age, Physician Assistant Education Association Annual Education Forum, 2022
- Patel, D., Baginski, R., Climate Change: Effects on Human Health and the PA Curriculum, Physician Assistant Education Association Annual Education Forum, 2022
- Patel, D., Baginski, R., Integrating Interprofessional Simulation into the Curriculum: A Rewarding Journey, Physician Assistant Education Association Annual Education Forum, 2017
- Riethle, T., Baginski, R., Patel, D., Honda, T. *PACKRAT is a Strong Predictor of Board Scores Across Time*, Physician Assistant Education Association Annual Education Forum, 2017.
- Admission Variables: Predictors of PA Student Success?, Second Author, PAEA National Education Forum, 2016
- Innovation to Foster Growth and Clinical Professionalism, Lead Author, PAEA National Education Forum, 2016
- Prevention and Management of Prescription Drug Misuse, Regional PA Programs, PAEA National Education Forum, 2016
- PACKRAT Committee presentation through committee, PAEA National Education Forum 2015, 2016

Local/Regional

- Massachusetts Association of Physician Assistants
 - Mentoring and Leadership in Healthcare, Worcester, September 2018
 - Massachusetts Physician Assistant Board Regulations, Worcester, September 2018
 - How to Optimize Your LinkedIn Profile, Boston, December 2017
 - Massachusetts Physician Assistant Board Regulations for Students, Boston, October 2016
- Massachusetts General Hospital Health Professions Institute, Physician Assistant Program, How to Optimize Your LinkedIn Profile for New Graduates, Boston, August 2018
- Massachusetts Physician Assistant Board Regulations Presentation
 - Tufts University, August 2016, 2017, 2018, 2019, 2020
 - Bay Path University, March 2017, 2018, 2019, 2020
 - Boston University, June 2016, 2017, 2018, 2019, 2020
 - Northeastern University, March 2020
 - Westfield State University, July 2023
- Boston Bar Association, Scope of Practice and Regulatory Panel, Content Expert Panelist, April 2018
- Brigham and Women's Hospital Physician Assistant Town Hall, Laws, and Regulations: Massachusetts Board of Registration for Physician Assistant, November 2016
- Northeastern University Physician Assistant Program White Coat Ceremony, Boston, August 2015, 2016
- Massachusetts Physician Assistant Clinical Leaders Meeting, presentation on Massachusetts Physician Assistant Board Regulations, Boston, May 2016

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University

- PAEA Future Educator Fellowship Mentor, class of 2017, Integration of Teaching LGBT Health Issues in PA Education, Joseph Parseghian, April 2016

- Northeastern University Arnold S. Goldstein Simulation Council Educational Series:
 - *Integrating Interprofessional Simulation into the Curriculum*, November 2016
 - *Interprofessional Simulations*, February 2016
 - *Debriefing*, November 2015

University of Pittsburgh, DPAS Program, Advisor 2022-2023 *List of advisees and topics furnished upon request*

Northeastern University, Master's in Physician Assistant Studies Capstone Advisor 2016-2020 *List of advisees and topics furnished upon request*

REFERENCES FURNISHED UPON REQUEST