

Daniel Mickool, B.S., R.Ph, M.S., Ed D.

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Education

- 2017 Doctor of Education (Ed.D) in Educational Leadership with emphasis in Transformational Leadership. University of New England. College of Graduate and Professional Studies.
- 2012 Master of Science (M.S.) in Medical Education Leadership. University of New England College of Medicine.
- 1987 Bachelor of Science (B.S.) in Pharmacy. University of Rhode Island.

Current Academic Appointments

Associate Clinical Professor	Husson University School of Pharmacy
Clinical Assistant Professor-Affiliate Family Medicine	Dartmouth Geisel School of Medicine
Director Interprofessional Education	Husson University School of Pharmacy

Past Academic Appointments

Clinical Assistant Professor	University of New England College of Pharmacy
Director of Continuing Pharmacy Education	University of New England College of Pharmacy

Associate Professor Husson University School of Pharmacy August 2021 to present

- Pharmacy professor in clinical therapeutics including infectious diseases, family medicine, geriatrics, diabetes, renal disease, and pain management.
- Clinical preceptor at Maine General Health inpatient medicine team. Clinical supervision of pharmacy and medical students, physician residents, and physician assistant students.
- Interprofessional research collaborator for health professions.
- Drug information specialist to inpatient medical staff.
- Preceptor and advisor- Maine Dartmouth Family physician residents during inpatient medical rounds.

Director Inteprofessional Education Husson University School of Pharmacy February 2022 to present

- Coordinate cross-professional education opportunities.
- Assessment and evaluation for accreditation.
- Leadership and mentoring of students, faculty and stakeholders.
- Oversee the Interprofessional Honor Badge for nursing, pharmacy, physical and occupational therapy.
- AHEC coordinator for Husson IPE activities.

Director of Continuing Education UNE School of Pharmacy Nov 2013 to May 2021

- Accreditation expertise. Maintenance of ACPE accreditation as a nationally recognized CE provider. Successful accreditation 2014, 2015, 2016, 2017 (6-year term granted in 2017).
- Managed live Continuing Pharmacy Education activities in Maine, New Hampshire, Massachusetts, and Vermont. Managed webinars and electronic accredited continuing pharmacy education regionally and nationally for professional state pharmacy organizations and pharmaceutical companies.
- Innovator for Interprofessional accreditation across disciplines in pharmacy, nursing, medicine, physical therapy and occupational therapy collaboratively.
- Wrote executive summaries and programmatic assessment for internal performance improvement. ACPE noted as exemplary.
- Established missional goals for life-long learning for pharmacists for continuous professional development and re-licensure opportunities.

Clinical Assistant Professor UNE School of Pharmacy Nov 2013 to May 2021

- Clinical Instructor Abilities 5. 3rd year PharmD program. Clinical skills, IV skills and sterile products, Fall 2019, Fall 2020.
- Clinical Instructor/Course Coordinator Abilities 6. 3rd year PharmD program. Clinical skills, patient counseling, APhA MTM certificate instructor. Spring 2020, Spring 2021.
- Clinical Instructor/Course Coordinator for Pharmacy Practice Management and Leadership PHA 107.
- Clinical Instructor/Lab PHP 303 Advanced Pharmacy Practice. Implementation of APhA Immunization Certification into curriculum. Patient Counseling, Vital signs. Point of Care Testing skills.
- Clinical Preceptor Family Medicine Ambulatory Care. Augusta, Maine PHP 404 Fall 2012 to May 2021.
- Clinical pharmacy services coordinated with the Maine Dartmouth Family Residency at the Family Medicine Institute, Augusta, Maine.
 - Developed an interprofessional hospital to home program for Maine General and affiliated practices.
 - Med Reconciliation services for patients with complex medication regimens.
 - Developed home visit team with a physician, pharmacist, and UNE medical and pharmacy students, reducing readmission.
 - Resolution of complex medication regimens, teach-back with patients, coordination of care with social work and other interprofessional collaborators.
 - Instructor for shared didactics for physicians, medical students, physician residents and pharmacy students.
 - Lipid management service.
 - Diabetes management service.
 - Pain management and opioid management service. Opioid reduction and tapering service, compliant with Maine Chapter 488 regulatory statutes for prescribing.
 - Renal dosing service.

Clinical Faculty Instructor Dartmouth Geisel School of Medicine Jan 2018 to May 2020, Promotion to Clinical Assistant Professor June 2020 to present

- Precept physician residents at Maine Dartmouth Family Residency Augusta, Maine. Prescribing advisor.
- Clinical Teaching in diabetes, pain management, smoking cessation, leadership, and patient counseling skills.
- Interprofessional research collaborator.
- Drug information specialist to inpatient medicine teams.

Teaching Experience Husson University School of Pharmacy August 2021 to present

- RX 576 Pharmacotherapeutics III. Fall 2021, Fall 2022. Course coordinator and major lecturer Infectious Diseases, Vaccines, Antimicrobial Stewardship.
- RX 475 Pharmacotherapeutics II. Renal lectures-CKD and AKI. Spring 2022 and Spring 2023

Teaching Experience University of New England 2011 to 2021

- Instructor/Course Coordinator PHP 107 Pharmacy Practice Management and Leadership Spring 2014, Spring 2015, Spring 2016, and Spring 2017.
- Instructor PHP 303 Advanced Pharmacy Practice. Fall 2013, Fall 2014, Fall 2015, Fall 2016, Fall 2017, and Fall 2018.
- Instructor PHP 404 Family Medicine. Ambulatory Care. Augusta, Maine. Sept 1, 2012, to May 2021.
- Instructor PHAR 203 Abilities Lab Section A and B. Immunization training and skills. Fall 2018, 2019, and 2020.
- Instructor ABL 5 Patient Counseling. Clinical skills. Certification programs. Fall 2019, and Fall 2020.
- Instructor ABL 6. Clinical Pharmacy Skills training. Spring 2020.

- Instructor PHA 342 IGEP. Interprofessional Teaching, Pharmacy, Medicine, PA, in geriatrics. Fall 2019.
- Course Coordinator PHAX 295 Spring 2020 Independent Study – Interprofessional Research Elective and Methodologies.

Presentations-Local and Regional

“Deprescribing: provider role in reducing polypharmacy”. Interprofessional didactics and case discussion with medicine, nutrition, pharmacy, behavioral health, and social work. Co-presented with Michela Fiori PharmD. Northern Light Eastern Maine Medical Center. January 25th, 2023. CME accredited.

“Exploring interprofessional experiences in multiple practice locations”. E. Dornblaser, D Mickool. Preceptor Development from an IPE lens. Maine Pharmacy Association Fall Meeting. October 14th, 2022. Portland, Maine.

“Monkeypox! Phew, it’s not COVID but serious”. Husson University campus-wide education. September 8th, 2022. Bangor, Maine.

“Leadership and Future Leaders: Let the Transformation Begin!” Phi Lambda Sigma Pharmacy Leadership Society. March 29, 2022. Bangor, Maine.

“Transforming Practice: An Interprofessional Approach to patient care, provider joy, and patient satisfaction.” CUP Scholars Program-Maine AHEC. University of New England Medical School. Biddeford, Maine November 18th, 2021.

“CBD use in the Elderly.” Maine Dartmouth Family Residency Geriatrics Department. October 22nd, 2020. Augusta, Maine.

“Making Sense of Clinical Guidelines for Diabetes.” Maine Dartmouth Family Residency Augusta, Maine. October 7th, 2020. CME accredited.

“Renal dosing of medications- A primer for physicians and residents.” Maine Dartmouth Family Residency February 4th, 2020. CME Accredited. Augusta, Maine.

“Ditties by Dan. A Diabetes Update for Physician Residents.” Maine Dartmouth Family Residency. November 19th, 2019. CME Accredited. Augusta, Maine.

“A diabetes primer for medical and pharmacy students.” Maine General Hospital. Nov 21st, 2018. Augusta, Maine. Didactic session. 1 hr. lecture. Active participation with glucometers, med management, and assessment.

“UNE Online. (2018, November 07). What Can You Do With Your Ed.D.? Retrieved from <https://www.pressherald.com/2018/10/30/what-can-you-do-with-your-ed-d/> An interview and video presentation. Portland, Maine.

“Flu Vaccination Update: 2018-2019.” Maine Dartmouth Family Residency. Faculty Development. CME Accredited. 9-26-18. Podium Speaker. Augusta, Maine.

“IPE at the Family Medicine Institute: The Deep Ecology of Patient Care.” 1 hr. lecture in building IPE into practice and assessing programmatic outcome. Plenary Session. CME Accredited. Abrell D.O., Harmon D.O., Mickool Ed D. Innovation Hall Portland, Maine. September 14th, 2018.

“Pain Management Strategies in Outpatient Medicine.” Grand Rounds Physician CME 1hr Live. Maine General Hospital. Augusta, Maine. 8-16-2018. Also accredited for pharmacists through ACPE 1 hr.

“Implications for OTC ibuprofen and acetaminophen in chronic pain. An evaluation of Chang (2017) JAMA and review of studies in chronic pain use.” Delivered to faculty Maine Dartmouth Family Residency 1-31-18.

“Implementing Interprofessional Practice in the Workplace.” Facilitator and Panel Speaker with Drs. Bates, Christie, Michaud. Dr. Kay Annual Alumni Continuing Education. Portland, Maine. 11-18-2017.

“Geriatric Care: A Pharmacist’s Perspective.” Geriatrics Symposium. Maine General Health. Augusta, Maine October 5th, 2017.

“Delivering Medication Therapy Management Services.” Maine Pharmacy Association Annual Meeting. October 14th, 2017. APhA approved for 8hr live CE. Co-presentation with Deborah Sturpe.

“Continuous Professional Development.” Approved for 1 CE. University of New England College of Pharmacy. April 12th, 2017.

“Chapter 488. The Maine Law for Prescribers and Pharmacists. De-prescribing Opioids when necessary and the potential role of medical cannabis.” Martin’s Point 3-29-17 Brunswick, Maine.

“PharmTalk-Innovative Practice in Diabetes Management.” APhA Annual Meeting 3-23-17. San Francisco, California. <http://aphameeting.pharmacist.com/apha2017/sessions/pharmtalk-innovative-practices-diabetes-care>.

“Opioid Management. A team immersion case from an IPE perspective.” 1hr ACPE accredited. Given at the Dr Kay Symposium 11-5-16. UNE College of Pharmacy.

“Best Practice in Interprofessional Practice in Geriatric Care- It Takes a Team!” IPE Panel discussion. Maine General Medical Center. Augusta, Maine. 11-1-2016.

“Motivational Interviewing and smoking cessation.” 10-11-16, 10-18-16, 10-25-16. A three-part series. Maine General Health. Augusta, Maine.

“Medication Reconciliation and Patient Safety.” USM Patient Safety Academy. Portland, Maine. 9-23-15. A co-presentation with Lisa Pagnucco PharmD. Portland, Maine.

Preceptor Development UNE College of Pharmacy. Live Continuing Education with streaming for online audience. 2 CEU awarded for attending pharmacists. Co-presentation with Kenneth McCall Pharm D. October 21st, 2014.

“A Pharmacist Perspective on Collaboration with Social Work in Patient Care.” Delivered 10-18-14 for the Maine Chapter Society of Social Work Leadership in HealthCare Conference. Augusta, Maine. Co-Presenter with Dr Shelley Cohen Konrad. PhD Social Work.

“Medication Reconciliation. A Case-Based Approach.” USM Patient Safety Academy. 9-5-14. Portland, Maine. Co-presentation with Lisa Pagnucco PharmD.

Presentations-National and International

“Let's Go Further! Inter-professional Education in a Family Medicine Residency.” 90-minute co-presentation. Dan Mickool, Corey Smith. Society of Teachers of Family Medicine. May 6th, 2018. Washington, D.C.

“Special Session: Making Interprofessional Education Intentional: Reframing Activities in Existing Advanced Pharmacy Practice Experiences.” AACP Annual Meeting Nashville, Tennessee. July 18, 2017. Speakers: Leila Islam PhD, Katy Pinkus PharmD, Dan Mickool Ed.D. Approved for 1.5 CE hrs. Application based activity.

“A discussion and review of building a collaborative practice in order to optimize patient outcomes and teach learners interprofessional communication skills.” Peer reviewed. Oxford University. Oxford, U.K. 9-7-16.

“Continuing Professional Development-Getting to Know You, Getting to Know All About You.” Pharmacy Times Webinar. Peer reviewed. ACPE accredited. Release Date 4-26-16.

“Interprofessional Teaching and Collaboration in a Rural Family Practice Setting.” AACOM/AODME Joint Meeting Ft Lauderdale 4-21-2015 Speaker panel. Mickool, St.Pierre.

Associations of Departments of Family Medicine: “Interprofessional Education.” A webinar 9-22-2014. Speaker on interprofessional education and how to build a practice collaborative among disciplines.

“Campus to Community Partnerships: Building Interprofessional Collaborative Practice Learning Experiences.” ATBH VII (All Together for Better Health) Co- Presentation with Sue St Pierre DO, Andrea Abrell DO. June 6th, 2014. The University of Pittsburgh. Pittsburgh, Pennsylvania.

Research Posters-Peer Reviewed

“An Interprofessional approach to medication renal dose adjustment in a family medicine clinic.” Peer reviewed research poster and oral presentation. National Kidney Foundation. April 12, 2023. Austin, Texas.

“Measuring the Impact of a Three-Year Interprofessional Collaboration of Pharmacy Services on Diabetes Care in a Primary Care Setting.” American Pharmacy Association. Mickool, D., Richardson, M., Cheng, May 4th, 2020. National Harbor, MD. <https://www.youtube.com/watch?v=CyWZO2-bafE&feature=youtu.be> (virtual presentation due to COVID 19).

“From Campus to Practice-Making the Transition to Lifelong Learning. An Interprofessional Journey.” 2020 Society for Academic Continuing Medical Education Annual Meeting, Mickool D, Rose E. Miami, FL, February 2020.

“A pharmacist-led renal dosing service in a family practice clinic.” American Pharmacy Association. Mickool, D., Dipierro S., Frost T. March 23rd, 2019, Seattle, Washington.

“A Pharmacist led initiative to reduce opioid utilization in an ambulatory care setting.” American Pharmacy Association. Hutchinson, C. Mickool, D., March 17th, 2018. Nashville, Tennessee.

“Evaluating pharmacist interventions in reducing healthcare costs through claims data analysis on metformin products in an ambulatory care setting.” ASHP Midyear. December 2017. Kennelly, McMahon, Mickool.

“A three-year evaluation of collaborative care between pharmacy and medicine.” Mickool D, McCaffrey J, Tyburski S. American Pharmacist Association Annual Meeting. San Francisco, California March 25th, 2017.

“A Guidance Document for Family Practitioners for OTC Medication in Pregnancy and Lactation.” Mickool D, Crawford R, Hodges J. 3/5/2016 American Pharmacists Association Annual Meeting & Exposition. Baltimore, MD, March 4 – 7, 2016. AphA04444.

“An Evaluation of Student and Preceptor Perceptions of Feedback in Pharmacy Experiential Education.” Daniel A. Mickool, Am J Pharm Educ. 2013 June 12; 77(5): 109.

Dissertation

An Evaluation of Interprofessional Education: The Pharmacy and Medical Student Experience.
Doctoral Dissertation. August 2017. The University of New England. <http://dune.une.edu/theses/140/>

Certifications

- Immunization Provider Certificate. The American Pharmacy Association 2013 to present.
- Train the Trainer Faculty Immunization Certificate. The American Pharmacy Association. 2015 to present.
- Medication Management Therapy (MTM) Certificate. The American Pharmacy Association. 2014 to present.
- Medication Therapy Management (MTM)- Faculty Train the Trainer. The American Pharmacy Association. 2016 to present.
- Basic Life Support. The American Red Cross. Current through April 2022.
- Naloxone administration certification July 2018 to present.
- Diabetes educator certificate. The American Pharmacy Association. 2019 to present.

Service

- Maine AHEC advisory committee. Committee Member. June 2022 to present.
- Husson PEC (evaluation and assessment committee). Committee member. Fall 2021 to present
- Husson Health and Safety Committee. Committee member. Fall 2021 to present.
- Husson IPE committee. Spring 2022 to present. Chair
- Husson Handbook Committee Fall 2022 to present.
- Workforce Policy Development group for Interprofessional Education and Practice commissioned by the World Health Organization. Jan 2019 to present. Planned presentation at WHO/ATBH Qatar Oct 2023.
- State of Maine Governor Mill’s Task Force for Drug Importation. Procedure review and implementation committee. Feb 1, 2020, to April 1, 2020.
- Kappa Psi. Professional Service fraternity. Advisor. Fall 2011 to May 2021. UNE Founding faculty member.

- Kappa Psi Professional Service Fraternity Fall 2021 to present. Husson University
- National Community Pharmacy Association Chapter Advisor. Fall 2014 to June 2020
- Accreditation Council for Pharmacy Education. Continuing Education Field Reviewer 2015 to August 2021.
- Maine Pharmacy Association Executive Board Member. Educational oversight and planning for Maine Pharmacy association. Fall 2013 to present. President Elect confirmed Sept 2018. President Sept 2019 to Sept 2021. Immediate Past President Sept 2021 to Sept 2022.
- American Pharmacists Association House of Delegates 2014,2015, 2016, 2017, 2018, 2019, 2020, 2021, and 2022.
- Organist and Music Director. St Paul's Anglican Church Portland, Maine October 2018 to present.
- School Board Member Baxter Academy for Science and Technology. Portland, Maine Jan 2022 to present.

Professional Memberships

- American Pharmacists Association (APhA).
- Society of Teachers of Family Medicine (STFM).
- Society of Academic Continuing Medical Education (SACME).
- Maine Pharmacy Association- Executive Board- See above for dates. Education Coordinator, 2014-2019.
- Kappa Psi Professional Service Organization.

Licensure

- Licensed Pharmacist: Active Maine, Massachusetts. Inactive/Withdrawn- Florida, Kentucky, Virginia.

Past Committee Service University of New England

- Assessment and Evaluation Committee UNE –Portland Campus Summer 2011 to Summer 2016, Summer 2018 to May 2021.
- UNE Interprofessional Education Committee (University wide) Fall 2012 to Nov 2018.
- UNE Spring Symposium 2014 Chair-Interprofessional Education Committee.
- Interprofessional Education and Practice Committee Chair Fall 2015 to Spring 2016
- Microcredentialing and Badging Committee Feb 2018 to December 2020.

Awards

2003 Cardinal Health “Pharmacist of the Year”.

2010 University of New England College of Pharmacy Outstanding Service Award.

2015 UNE Teacher of the Year award.

2021 NCPA Presidential leadership award for exemplary service to the Maine Pharmacy Association.

Other Work Experience, Academic

Coordinator, Clinical Experiential Pharmacy - University of New England College of Pharmacy, Mar 2011 to Nov 2013

- Coordinated clinical/experiential pharmacy education for Pharm D students.
- Licensure process for preceptors and students.
- Participated in accreditation process.
- Leadership and mentored for students interested in pharmacy management.
- Mentored for external preceptors for student learning opportunities.

Other Work Experience, Clinical/Managerial

Clinical Staff Pharmacist

Kennebec Professional Pharmacy and Homecare, full time August 2010 to Mar 2011, and April 2011 to Mar 2012 as per diem

- Clinical services for Home Infusion
- Outpatient retail pharmacy
- Specialty compounding lab for human and veterinary medications
- Supervision of technicians
- Hospice services including pain control and palliative care
- Physician and nursing consultation
- Policy revision/accreditation preparedness

Director of Pharmacy, Mercy Health System of Maine Portland, Maine April 2007 to August 2010

- Management of 25 FTEs at 3 campuses
- Medication management for 15 offsite Physician Office Practices
- \$38 Million Revenue Budget, \$13 Million Operational Budget
- Successful Joint Commission Accreditation Survey for Inpatient Hospital System 2009
- Successful Joint Commission Accreditation for Behavioral Health Hospital in Westbrook 2008
- Technology implementation of Pyxis, Bedside Medication Scanning, eMAR, CPOE in ER
- Process Re-design of workflow to achieve efficiencies for multiple campuses
- Preceptor URI, MCP, ACP, UConn, UNE
- Blue Ribbon Status for State required Medication Spotlight Safety Survey (93%- 4th highest in state)

Clinical Pharmacist, Mountain View Regional Medical Center Norton, Virginia. Aug 2006 to Mar 2007

- Clinical Order Review
- Antibiotic Dosing Management
- Inpatient Warfarin Management
- Drug Use Evaluation for P and T Presentations
- Preceptor for Appalachian College of Pharmacy

Pharmacy Manager, Food City Pharmacy, Lebanon, Virginia. November 2004 to Aug 2006.

- Community Pharmacy Practice
- Management of 6 FTEs
- Preceptor Appalachian College of Pharmacy

Director of Pharmacy, Assistant Director of Pharmacy, Clinical Pharmacist

Cardinal Health (multiple locations as listed below) March 1997 to Nov 2003

- Russell County Medical Center Lebanon, Virginia Asst Director of Pharmacy, Dec 2003 to Nov 2004
- Smyth County Medical Center Marion Virginia Clinical Pharmacist, Interim Director, Nov 2001 to Dec 2003
- King's Daughter Medical Center Ashland, Kentucky, Director of Pharmacy Aug 2000 to Nov 2001
- East Pointe Hospital Lehigh Acres, Florida Director of Pharmacy March 1997 to Aug 2000

Pharmacy Manager, Home Infusion Therapy and Retail Pharmacy Services

Suncoast Hospital Group New Bedford, Massachusetts. March 1996 to March 1997

- Ground up pharmacy service for an Acute Care Community Hospital to provide community pharmacy service and home infusion therapy. Duties included design, licensure, contracting and software implementation. Hiring and training staff. Successful Joint Commission Accreditation 1996

Owner and President, Therapeutic Consultants Ft Myers, Florida. September 1994 to March 1996

- Clinical Dosing and Billing service for 5000 Long Term Care patients
- First paid providers for clinical pharmacy services for private insurance, Medicare and FL Medicaid in Florida

Director of Pharmacy Services, Option Care of SW Florida. November 1989 to September 1994

- Management of 12 FTEs in 4 locations (Naples, Ft Myers, Port Charlotte, Tampa)
- Successful Joint Commission Accreditations with Commendation
- Clinical Preceptor for Nova Southeastern College of Pharmacy.
- Budget development and implementation
- Successful certificate completion of Management training course through National Franchised Option Care Inc.

Staff Pharmacist

Lee Memorial Health System Ft Myers, Florida. Sept 1988 to November 1989

- Staff Pharmacist with designated clinical duties
- Inpatient order review
- IV room duties for neonatal and adult nutrition
- Clinical management of Aminoglycosides and Vancomycin
- Preceptor for University of Florida