Date of Document: November 14, 2026

CURRICULUM VITAE

Robert D. Nerenz PhD

Associate Professor
Department of Pathology and Laboratory Medicine

OFFICE ADDRESS:
8777 Connell Avenue

Milwaukee, WI 53226

EDUCATION:
2001 - 2005 B.A., Molecular Biology and Biochemistry, Wesleyan University, Middletown, CT
2005 - 2010 Ph.D., Biochemistry, University of Wisconsin-Madison, Madison, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:
2013 - 2014 Postdoctoral Fellowship in Clinical Chemistry, Washington University
2017 Mass Spectrometry Assay Development Course, Yale School of Medicine

FACULTY APPOINTMENTS:
2015 - 2016 Assistant Professor, Pathology and Laboratory Medicine, University of Kentucky, Lexington, KY
2016 - 2022 Assistant Professor, Pathology and Laboratory Medicine, Geisel School of Medicine at Dartmouth, Hanover, NH
2022 - Present Associate Professor, Pathology and Laboratory Medicine, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:
2015 - 2016 Director of Clinical Chemistry Residency Training, University of Kentucky, Lexington, KY
2016 - 2020 Assistant Director of Clinical Chemistry Fellowship, Dartmouth-Hitchcock Medical Center, Lebanon, NH
2016 - Present Assistant Director of Clinical Chemistry Residency Training, Dartmouth-Hitchcock Medical Center, Lebanon, NH
2020 - 2022 Co-Director of Clinical Chemistry Fellowship, Dartmouth-Hitchcock Medical Center, Lebanon, NH

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:
2015 - 2016 Associate Director, Core Clinical Laboratory, University of Kentucky Medical Center, Lexington, KY
2015 - 2016 Director, Point-of-Care Testing, University of Kentucky Medical Center, Lexington, KY
2016 - 2021 Assistant Director, Clinical Chemistry, Dartmouth-Hitchcock Medical Center, Lebanon, NH
2017 - 2022 Director, Community Laboratories, Dartmouth-Hitchcock Community Group Practices, Concord, Manchester and Nashua, NH
2021 - 2022 Associate Director, Clinical Chemistry, Dartmouth-Hitchcock Medical Center, Lebanon, NH
2022 - Present Co-Director of Clinical Chemistry, Director, Point of Care Testing, Wisconsin Diagnostic Laboratories, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
Certified by the American Board of	2015	None

Clinical Chemistry (ABCC)

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2013 - Present American Association of Clinical Chemistry (Member)
2014 - 2016 AACC Clinical Chemistry Trainee Council Question Bank (Contributor)
2015 - 2017 The Pregnancy Lab Blog (Contributor)
2016 - 2018 AACC Clinical Chemistry Trainee Council Question Bank (Member)
2016 - Present AACC Annual Meeting Student Poster Contest Committee (Member)
2016 - 2020 AACC SYCL Core Committee (Member)
2016 - 2017 AACC SYCL Workshop Committee (Chair-Elect)
2017 - 2018 AACC CPOCT International Symposium Planning Committee (Member)
2017 - 2020 AACC SYCL Mentoring Subcommittee (Co-Chair)
2017 - 2018 AACC SYCL Workshop Committee (Chair)
2017 - Present AACC Annual Meeting Abstract Review (Member)
2018 - 2019 AACC Northeast Local Section (Program Chair)
2018 - Present
2018 - Present ASCP Case Reports Editorial Committee (Contributor Member)
2018 - 2019 AACC Annual Meeting 2019 Organizing Committee (Member)
2018 - Present American Board of Clinical Chemistry AACC CPOCT International (Member)
2018 - Present AACC CPOCT Certification Exam (Contributor)
2019 - 2020 AACC Academy: Committee on Laboratory Testing in the Assessment of Preterm Labor (Chair)
2019 - 2020 AACC Northeast Local Section (Chair)
2020 - Present AACC Annual Meeting Student Poster Contest Committee (Chair)
2020 - 2021 AACC Northeast Local Section (Past Chair)
2021 - Present AACC Academy Content Development Committee (Member)
2022 - 2024 ADLM Endocrine Division (Chair-Elect)
2023 - 2024 American Board of Clinical Chemistry (Vice President - Credentials)
2023 - 2024 American Board of Clinical Chemistry (Vice President - Credentials)
2024 - 2025 ADLM Annual Meeting 2025 (Vice-Chair Organizing Committee)
2024 - Present American Board of Clinical Chemistry (President)
2024 - Present ADLM Endocrine Division (President)
2024 - Present ADLM Endocrine Division (Chair)
2024 - Present ADLM (Annual Meeting 2025 Organizing Committee Vice-Chair)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

2020 Clinical Laboratory News, AACC Annual Meeting Special Edition
2020 Clinics in Laboratory Medicine Direct to Consumer Testing Special Issue
2021 Tietz Fundamentals of Clinical 9th Edition
2022 - Present Clinical Chemistry

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2017 - 2022 Co-Chair, Lab Subcommittee, OneCare Vermont

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2017 - 2022 Co-Chair, Lab Subcommittee, OneCare Vermont

INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2019 - Present Member, Board of Directors, American Board of Clinical Chemistry

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Non-Peer Review

Title: Evaluation of sFlt-1/PlGF for the diagnosis of preeclampsia

Source: Sponsor - Abbott Diagnostics
Dates: 2023 - Present
Direct Funds: $57,900

Pending

Non-Peer Review

Title: Evaluation of Thyroid Function in Pregnancy (PI)
Source: Non-funded or departmentally-funded, collaborative translational research
Dates: 2018 - 2020

Title: Association Between Post-SARS-CoV-2 Symptoms and Antibody Response
Source: Non-funded or departmentally-funded, collaborative translational research
Dates: 2021 - 2022

Prior

Non-Peer Review

Title: Evaluation of the Susceptibility of Point-of-Care Qualitative hCG Devices to False Negative Results Caused by hCG Beta Core Fragment (PI)
Dates: 2013 - 2014

Title: Development and Clinical Validation of a GC-MS Method to Measure 5-Oxoproline in Patients with Acetaminophen Toxicity (PI)
Dates: 2013 - 2014

Title: Development and Clinical Validation of a Molecular Genetic Test for Recurrent Mutations in AML (co-PI)
Dates: 2013

Title: Evaluation and Clinical Validation of a Novel Qualitative hCG Device Using Fingerstick Whole Blood (PI)
Dates: 2015

Title: Pharmacogenomics of Opioid Addiction (co-PI)
Dates: 2017 - 2019

Title: Impact of hCG Fingerstick Testing on ED Patient Throughput (PI)
Source: Sponsor – NowDx, 5% effort
Dates: 2017
Direct Funds: $2,500

Title: Evaluation of Thyroid Function in Pregnancy (PI)
Dates: 2018 - 2020

Title:	Association Between Post-SARS-CoV-2 Symptoms and Antibody Response
Source:	Non-funded or departmentally-funded, collaborative translational research
Dates:	2021 - 2022

COMMITTEE SERVICE:

Medical College of Wisconsin

2023 - Present Member, Pathology Grand Rounds Committee, Medical College of Wisconsin

Hospital

2015 - 2016 Member, Diagnostic Imaging and Testing Committee, University of Kentucky Medical Center, KY

2015 - 2016 Chair, Point of Care Testing Committee, University of Kentucky Medical Center, KY

2016 - Present Co-Chair, Test Utilization Committee, Dartmouth-Hitchcock Medical Center, Lebanon, NH

2016 - Present Member, Point of Care Testing Committee, Dartmouth-Hitchcock Medical Center, Lebanon, NH

2018 - 2019 Chemistry Assistant Member, Director Search Committee, Dartmouth-Hitchcock Medical Center, Lebanon, NH

2020 - 2022 Member, COVID Antigen Testing Committee, Dartmouth-Hitchcock Medical Center, Lebanon, NH

MCW TEACHING ACTIVITIES:

Graduate Student Education

2022 - Present Medical College of Wisconsin, Lab Essentials, Endocrine Fellows Lecturer

EXTRAMURAL TEACHING:

Medical Student Education

2016 - 2021 Dartmouth-Hitchcock Medical Center, University of New Hampshire Clinical Laboratory Science Internship at DHMC Lecturer

2018 - 2022 Dartmouth-Hitchcock Medical Center, Understanding Laboratory Testing, 1st Year Medical Students

2022 - Present Marquette University, MLS Senior Students Lecturer

Graduate Student Education

2015 - 2016 University of Kentucky Medical Center, Clinical Chemistry Didactic Lectures, 2nd and 3rd Year Pathology Residents Lecturer

2016 - Present Dartmouth-Hitchcock Medical Center, Clinical Chemistry Didactic Lectures, 2nd and 3rd Year Pathology Residents Lecturer

2016 - Present Dartmouth-Hitchcock Medical Center, Clinical Chemistry Didactic Lectures, 1st Year Anesthesiology Residents Lecturer

2016 - Present Dartmouth-Hitchcock Medical Center, Clinical Chemistry Didactic Lectures, 2nd and 3rd Year Pathology Residents Lecturer

2018 - 2020 Dartmouth-Hitchcock Medical Center, Understanding Laboratory Testing, 1st Year Medical Students, Lecturer

2018 - Present Dartmouth-Hitchcock Medical Center, Thyroid 101: Internal Medicine Residents, Lecturer

Postdoctoral Fellow Education

2016 - Present Dartmouth-Hitchcock Medical Center, Clinical Chemistry Fellowship Didactic Lectures Lecturer and Course Organizer

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS

MENTORED:

Undergraduate Students

2018 Matt Reed, SNHU Undergrad, • April 2021: Middle Author, Evaluation of Thyroid Function in Pregnant Women Using Automated Immunoassays. Clinical Chemistry

Medical Students

2023 - 2024 Erin Earll, BS, March 2024: Podium and poster presentation “Clinical Impact of New Reference Intervals for the Roche Prolactin II Immunoassay”, MCW 10th Annual Department of Medicine Research Retreat April 2024: Lead Author, Clinical Impact of New Reference Intervals for the Roche Prolactin II Immunoassay, Journal of the Endocrine Society.

2024 - Present Jack Klahr, BS

Clinical/Research Fellows

2016 - 2018 David Kemble, PhD, Clinical Chemistry Fellow, Instructor, Department of Pathology, Beth Israel Deaconess Medical Cente November 2018: Lead Author, Analytical and Clinical Validation of Two Commercially Available Immunoassays Used in the Detection of TSHR Antibodies, Journal of Applied Laboratory Medicine July 2017: Lead Author, The Urine That Would Not Freeze, Journal of Applied Laboratory Medicine

2017 - 2019 Grace Williams, PhD, Clinical Chemistry Fellow, Fellow, American Board of Clinical Chemistry Assistant Professor, Department of Pathology, Virginia Commonwealth University May 2020: Lead Author, Clinical Validation of a 106-SNV MALDI-ToF MS Pharmacogenomic Panel, Journal of Applied Laboratory Medicine Jun 2019: Lead Author, Not Your Ordinary Rash, Clinical Chemistry • Mar 2018: Lead Author, Assessment of Biotin Interference With Qualitative Point-of-Care hCG Test Devices, Clinical Biochemistry

2018 - 2020 Aaron Geno, PhD, Clinical Chemistry Fellow, Fellow, American Board of Clinical Chemistry Assistant Professor, Department of Pathology, Dartmouth-Hitchcock Medical Center November 2021: Lead Author, Gamma Glutamyl Transferase Activity Has Limited Utility in Assessment of Alkaline Phosphatase Elevations. Journal of Applied Laboratory Medicine April 2021: Lead Author, Evaluation of Thyroid Function in Pregnant Women Using Automated Immunoassays. Clinical ChemistryNovember 2020: Lead Author, Improved Recognition of 25-Hydroxyvitamin D2 by 2 Automated Immunoassays, Journal of Applied Laboratory Medicine December 2018: Lead Author, ASCP Case Report CC1806 – Diabetic Ketoacidosis

2019 - 2021 Bradley Poore, PhD, Clinical Chemistry Fellow, Fellow, American Board of Clinical Chemistry September 2021: Lead Author, A Comparison of SARS-CoV-2 Nucleocapsid and Spike Antibody Detection Using Three Commercially Available Automated Immunoassays, Clinical Biochemistry October 2020: Lead Author, ASCP Case Report CC2005 – Antimullerian Hormone

2020 - 2022 Michael Kelliher, PhD, Clinical Chemistry Fellow, Fellow, American Board of Clinical Chemistry January 2022: Lead Author “Comparison of Symptoms and Antibody Response Following Administration of Moderna or Pfizer SARS-CoV-2 Vaccines”, Archives of Pathology & Laboratory Medicine.August 2021: Lead Author, ASCP Case Report CC2104 – Pancreatitis

2021 - 2023 Yasel Alvarez, PhD, Clinical Chemistry Fellow, Fellow, American Board of Clinical Chemistry August 2022: Lead Author, ASCP Case Report CC2204 – Preeclampsia

Zahra Shajani Yi, PhD, Clinical Chemistry Fellow, Fellow, American Board of Clinical Chemistry September 2017: Lead Author, Ready to Settle, Clinical Chemistry

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Fellow

Creating Clinical Chemistry Rotation for First Year Endocrine Fellows

Resident

Creating Case-based Learning modules in Laboratory Medicine for trainees and medical students

Clinical Programs

Creating Clinical Decision Support for Autoimmune Neurology Sendout Panels

Developing an eConsult program for patient-requested testing

OTHER PROFESSIONAL POSITIONS :

2010 - 2012 Pharmaceutical Product Development: Scientist

2018 - Present Roche Advisory Board Member Immunosuppressant Drugs

PROFESSIONAL DEVELOPMENT ACTIVITIES:

2017 Yale School of Medicine Mass Spectrometry Assay Development Course