

CURRICULUM VITAE

Dayna Miller, MD, MBA

I. EDUCATIONAL AND PROFESSIONAL HISTORY

Education and Credentials

<u>Institution</u>	<u>Years</u>	<u>Course of Study & Degree/Title</u>
University of Northern Iowa Cedar Falls, IA	1998-2002	Biology:Biomedical, BA Chemistry, Minor
University of Iowa Carver College of Medicine Iowa City, IA	2003-2007	Doctorate of Medicine, MD
University of Iowa Children's Hospital Iowa City, IA	2007-2010	Residency, Pediatrics
University of Iowa Tippie College of Business Iowa City, IA	2015-2017	MBA
University of Iowa Tippie College of Business Iowa City, IA	2017	Certificate in Leadership

<u>Certification</u>	<u>Years</u>
National Resuscitation Provider	2007-2014
PALS Provider	2007-2014
BLS	2007-2015
American Board of Pediatrics	10/2011-Present

<u>Licensure</u>	<u>Years</u>	<u>Number</u>
Iowa, Permanent	2010-Present	38897
Iowa, Resident	2007-2010	
Controlled Substances Registration	2010-2018	

<u>Professional Organizations</u>	<u>Years</u>
Member, American Academy of Pediatrics	2007-2017

Professional and Academic Positions Held

<u>Title</u>	<u>Years</u>	<u>Location</u>
Asst. Professor of Instruction in Biology	2024-Present	University of Northern Iowa
Research Assistant I	2002-2003	University of Iowa
General Pediatrician	2010-2011	Pediatric Associates, Coralville, IA
Clinical Assistant Prof of Pediatrics	2011-2017	University of Iowa Children's Hospital

Most Recent Clinical Assignments

Medical Director of University of Iowa General Pediatrics North Liberty Clinic Private
UIHC Clinic 4 full days/week in North Liberty, IA
Staff UIHC North Liberty Pediatrics Resident Clinic 1 day/week
Staff weekend UIHC Newborn Nursery
Private Saturday UIHC Iowa River Landing Pediatrics Clinics

Honors, Awards, Recognitions, Outstanding Achievements

<u>Honors/Awards</u>	<u>Years</u>	<u>Area (if applicable)</u>
Tri-Beta	2000-2002	National Biology Honor Society
Summa Cum Laude	2002	University of Northern Iowa
Resident "Extra Effort" Award	2009	Residency
Rita E. Krause Award	2009	Special dedication to the health and well-being of adolescents
Eve Hanfland Memorial Pediatric Cardiology Award	2010	Outstanding scholarship, compassion, and aptitude in the field of Pediatric Cardiology
Service Star Award	10/2012	Modeling key behaviors of service excellence, peer-nominated
UNI First Year Student Advocate	Fall '24 Fall '25	
UNI Second Year Student Advocate	Fall '24 Fall '25	

II. TEACHING

Students/Residents Supervised

<u>Type</u>	<u>Years</u>	<u>Students/Residents</u>
3 rd Year Medical Students (2-4 days/week)	1/2012-4/2017	Various
Continuity of Care (weekly)	2012-2013	Alisha Kumar, MD
4 th Year Medical Student (weekly)	2014-2015	Marissa Michel
Continuity of Care (weekly)	2011-2012	Leslie Greenlee, DO
Pediatric Resident (weekly)	2012-2013	Daniel Pelzer, MD
	2013-2014	Daniel Pelzer, MD
	2014-2015	Daniel Pelzer, MD
	2015-2017	Marissa Michel, MD

Classes Taught at UNI

Cell Structure & Function Lab
Cell Structure & Function Lab
Principles of A&P I Lab
Human A&P I Lab
Cell Structure & Function Lab
Principles of A&P II Lab
Pathophysiology
Principles of A&P I Lab

Semesters

Spring '24
Fall '24
Fall '24
Fall '24
Spring '25
Spring '25
Spring '25
Fall '25

Course Number(s)

BIOL 2052-E
BIOL 2052-D, E
BIOL 1101-NH, NJ, NK, NL
BIOL 3101-C
BIOL 2052-D, E
BIOL 1102-NB, ND
BIOL 1103-01
BIOL 1101-NB, NC, NF

III. SCHOLARSHIP

A. Publications or creative works (least to most recent)

1. Darrell J. Wiens, Dayna J. Depping, Stacey R. Wallerich, Emily S. Van Laar, and Angela L. Juhl. Factors Influencing Biology Interest Among Undergraduate Majors. Journal of College Science Teaching, Gender Matters. Volume: XXXIII, Number 1, Pages: 32-41.
2. Benjamin Davis, Jenny Nguyen, David Stoltz, Dayna Depping, Katherine J.D. Excoffon, and Joseph Zabner. Adenovirus-Mediated Erythropoietin Production by Airway Epithelia Is Enhanced by Apical Localization of the Coxsackie-Adenovirus Receptor In Vivo. Molecular Therapy, Volume: 10, No. 3, Pages: 500-506

B. Areas of Research Interest and Current Projects

<u>Date</u>	<u>Institution</u>	<u>Project</u>
2001	University of Northern Iowa Biology Department	Undergraduate Research, Dr. Darrell Wiens. During this research, funded by the American Heart Association, I studied the effect that Valproic Acid had on neural crest cells. This involved dissecting chicken embryos, treating them with various concentrations of valproic acid, immunostaining these tissue cultures after incubation with anti-cell adhesion glycoproteins, and observing and recording the cells' appearances and migration patterns.
2002-2003	University of Iowa College of Medicine, Research Assistant I, Joseph Zabner, MD	Our focus was cystic fibrosis and gene transfer of airway epithelia. From this work, I was an author of the article, "Adenovirus-Mediated Erythropoietin Production by Airway Epithelia Is Enhanced by Apical Localization of the Coxsackie-Adenovirus Receptor In Vivo" published in Molecular Therapy in 2004.

C. Invited lectures

<u>Date</u>	<u>Topic</u>	<u>Institution</u>
5/2008	CQI Presentation, Reach Out and Read	University of Iowa Children's Hospital Pediatrics Grand Rounds

3/2010	“Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Topiramate for Migraine Prevention in Pediatric Subjects 12 to 17 Years of Age”	University of Iowa Children’s Hospital Journal Club, Department of Pediatrics
11/2011	Ear Infections and Tubes	University of Iowa Children’s Hospital & The Iowa Children’s Museum Family Seminar Series
3/2012 4/2013 4/2014 4/2015	Dermatology in Pediatrics	PNP Lecture Series University of Iowa
3/2012	Fever in Acutely Ill Child	PNP Lecture Series University of Iowa
1/2013 1/2014 1/2015	Development	Foundations of Clinical Practice University of Iowa Carver College of Medicine

I. SERVICE

Volunteer Experience/Groups/Committees

1999-2001	Volunteer, Sartori Memorial Hospital, Cedar Falls, IA
2002-2003	Volunteer, University of Iowa Hospitals and Clinics
2003-2009	Participant, American Cancer Society Relay for Life, Iowa City, IA
2004-2005	Chair, Activities Committee, University of Iowa Carver College of Medicine
2006	Chair, Orthopaedic Surgery Liaison Committee, University of Iowa
2007-2010	Officer and Member, Resident Council and Graduate Medical Education Committee
2009-2010	Toddler Sessions, University of Iowa Carver College of Medicine University of Iowa
2011-2012	Pediatric Resident Retreat Work/Life Balance Panel
2012	University of Iowa Pediatric Resident Career Day Panel, Private vs Academic
2013-2014	University of Iowa Pediatric Resident Retreat Life After Residency Panel
2013	University of Iowa Pediatric Interest Group Panel, Pediatrics and Career Choices
2013-2015	University of Iowa Pediatric Resident Recruitment Committee
2024	Spoke to Professor Thurman’s UNI Neurobiology class about medical school
2024-2025	UNI Faculty Senate, Budget Committee

2024-2025	Pre-PA Club Faculty Advisor
2024	Developed course: Pathophysiology BIOL 1103 for UNI Nursing School
2025	Mu Epsilon Delta Faculty Advisor
2025	Answered questions, UNI Health & Human Sciences Day for High School Students
2025	Overseeing Honors Thesis for Kylie Giesler

