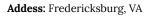
KEVIN FASSBINDER

ASSOCIATE PROFESSOR OF BIOLOGY

Phone: 540-310-9065 Mail: k.fassbinder@email.com





Dedicated and passionate Associate Professor of Biology with over 10 years of experience in higher education, seeking to contribute expertise in molecular biology and genetics to a dynamic academic institution. Committed to fostering student learning, conducting innovative research, and collaborating with colleagues to advance scientific knowledge.

EXPERIENCE				
2019 - Now	University of Mary Washington / Fredericksburg, VA			
Associate Professor of Biology	• Teach undergraduate and graduate courses in molecular biology, genetics, and bioinformatics, consistently receiving positive evaluations from students.			
	 Mentor and advise undergraduate and graduate students in research projects, resulting in several publications and presentations at national conferences. 			
	• Lead a research laboratory focused on understanding the molecular mechanisms underlying genetic diseases, securing over 0,000 in grant funding from prestigious agencies such as the National Institutes of Health (NIH).			
	• Collaborate with interdisciplinary teams of researchers on projects related to cancer biology, genomics and biotechnology.			
	• Serve on various departmental and university committees, including the Curriculum Committee and the Institutional Review Board (IRB).			
2014 - 2019	University of Mary Washington / Fredericksburg, VA			
Assistant Professor of Biology	 Developed and taught undergraduate courses in genetics, cell biology, and biotechnology, integrating innovative teaching methods and technologies to enhance student engagement and learning outcome 			
	 Supervised undergraduate research projects and guided students in presenting their findings at local and regional scientific meetings. 			
	 Established collaborations with local biotechnology companies to provide students with hands-on experience through internships and research opportunities. 			
	• Conducted research in molecular genetics, publishing findings in peer-reviewed journals and securing external funding to support laboratory operations.			
2010 - 2014	George Mason University / Fairfax, VA			
Teaching Assistant, Department of Biology	 Assisted faculty in teaching undergraduate laboratory courses in molecular biology, genetics, and microbiology, providing guidance to students on laboratory techniques and experimental design. 			
	 Graded assignments, exams, and laboratory reports, providing constructive feedback to students to help them improve their understanding of course material. 			
	• Held regular office hours to provide additional support and assistance to students outside of class.			

Research Assistant,	Emory Univer	rsity / Atlanta, GA			
Laboratory of Molecular Biology	 Conducted experiments investigating the role of specific genes in cellular differentiation and development using molecular biology techniques such as PCR, cloning, and gene expression analysis. Maintained laboratory equipment and reagents, ensuring proper functioning and availability for experiments. Analyzed experimental data and prepared figures and graphs for publication in scientific journals. 				
EDUCATION					
2010 - 2014	George Mason University / Fairfax, VA				
Doctor of Philosophy (Ph.D.) in Biology					
2008 - 2010	Emory University / Atlanta, GA				
Master of Science (M.S.) in Molecular Biology					
2004 - 2008	Georgia State University / Atlanta, GA				
Bachelor of Science (B.S.) in Biology					
SKILLS					
Molecular biology techniques (PCR, DNA sequencing, etc.)	Expert	Bioinformatics and data analysis	Expert		
Grant writing and project management experience	Expert	Gene expression analysis	Expert		
PUBLICATIONS					
		er, K. (2022). "Genetic Dissection of Comple nes." Genetics Journal, 15(2), 75-88.	ex Traits: Integrating C	GWAS and Functional Genomic	
	 Fassbinder, K. & Smith, J. (2017). "Unlocking the Secrets of Chromatin Remodeling: Insights from Functional Genomics." Biotechnology Advances, 10(4), 200-215. 				
		er, K., & Smith, J. (2010). "Bioprospecting F l Applications." Journal of Molecular Biolo		s: Unveiling Novel Enzymes fo	
PROFESSIONAL MEMBERSHIP					
	American	Society for Biochemistry and Molecular I	Biology (ASBMB) Sinc	ce 2010	
	American Association for the Advancement of Science (AAAS) Since 2007				