



Graduate School of
Biomedical Sciences

UNDERGRADUATE INTERNSHIP OPPORTUNITIES

Interested students should apply directly by contacting the principle investigator identified for each opportunity

Project Title: Single Molecule Analysis of DNA Replication

Field of Biomedical Research: Cell Biology

Department: Biochemistry and Molecular Pharmacology

Principle Investigator: Nick Rhind

PI Email address: nick.rhind@umassmed.edu

Project expires: 9/30/2019

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 0		
Spring Internships Available: 0		
Summer Internships Available: 1	40	
Year-Long Internships Available: 0	Fall/Spring: Summer:	



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Project Title: Maternal mRNA regulation and cell fate in embryogenesis

Field of Biomedical Research: Biochemistry, Developmental Biology, Molecular Genetics

Department: Biochemistry and Molecular Pharmacology

Principle Investigator: Sean Ryder

PI Email address: sean.ryder@umassmed.edu

Project expires: 12/31/2024

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 0		
Spring Internships Available: 0		
Summer Internships Available: 2	40	
Year-Long Internships Available: 0	Fall/Spring: Summer:	



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UNDERGRADUATE INTERNSHIP OPPORTUNITIES

Interested students should apply directly by contacting the principle investigator identified for each opportunity

Project Title: Post-transcriptional regulation of oligodendrocyte differentiation

Field of Biomedical Research: Biochemistry, Developmental Biology, Neuroscience

Department: Biochemistry and Molecular Pharmacology

Principle Investigator: Sean Ryder

PI Email address: sean.ryder@umassmed.edu

Project expires: 12/31/2024

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 0		
Spring Internships Available: 0		
Summer Internships Available: 2	40	
Year-Long Internships Available: 0	Fall/Spring: Summer:	



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Interested students should apply directly by contacting the principle investigator identified for each opportunity

Project Title: Computational Analysis of Large Scale Genomic Data

Field of Biomedical Research: Computational Genomics

Department: Program in Bioinformatics and Integrative Biology

Principle Investigator: Zhiping Weng

PI Email address: zhiping.weng@umassmed.edu

Project expires: 1/1/2020

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 0		
Spring Internships Available: 0		
Summer Internships Available: 1	40	
Year-Long Internships Available: 0	Fall/Spring: Summer:	



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Project Title: Computational genomic analysis of gene regulatory kinetics

Field of Biomedical Research: Genomics, RNA biology, Molecular genetics, Computational biology

Department: RNA Therapeutics Institute

Principle Investigator: Athma Pai

PI Email address: athma.pai@umassmed.edu

Project expires: 12/31/2019

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 1		
Spring Internships Available: 1		
Summer Internships Available: 2	40	
Year-Long Internships Available: 1	Fall/Spring: 15 Summer: 40	



UNDERGRADUATE INTERNSHIP OPPORTUNITIES

Interested students should apply directly by contacting the principle investigator identified for each opportunity

Project Title: Parasitic nematode control

Field of Biomedical Research: infectious diseases; biological control; drug development

Department: Program in Molecular Medicine

Principle Investigator: Raffi Aroian

PI Email address: raffi.aroian@umassmed.edu

Project expires: 12/31/2019

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 1	10-20	Work on various aspects of developing new therapeutics for parasitic nematodes.
Spring Internships Available: 1	10-20	Work on various aspects of developing new therapeutics for parasitic nematodes.
Summer Internships Available: 1	10-20	Work on various aspects of developing new therapeutics for parasitic nematodes.
Year-Long Internships Available: 1	Fall/Spring: 10-20 Summer: 10-20	Work on various aspects of developing new therapeutics for parasitic nematodes.



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UNDERGRADUATE INTERNSHIP OPPORTUNITIES

Interested students should apply directly by contacting the principle investigator identified for each opportunity

Project Title: Characterization of mouse models of neuropsychiatric disorder

Field of Biomedical Research: Neuroscience

Department: Neurobiology

Principle Investigator: Kensuke Futai

PI Email address: kensuke.futai@umassmed.edu

Project expires: 8/31/2019

Internship Details:

Available Paid Internships by Semester	Hours per Week	Notes
Fall Internships Available: 0		
Spring Internships Available: 0		
Summer Internships Available: 1	40	Requires wet lab experience.
Year-Long Internships Available: 0	Fall/Spring: Summer:	