Undergraduate Research Opportunities

The following is a list of faculty members who often able to accept undergraduate volunteer researchers in their lab. Please contact the faculty member directly to see if their lab is a good fit for you.

Orion Berryman
- **Field of Study:** Organic chemistry and molecular recognition
- **Email:** orion.berryman@umontana.edu
- **Phone Number:** 243-6805
- **Office Location:** Chemistry 009
- For more information please reference his website; http://www.cas.umt.edu/casweb/faculty/FacultyDetails.cfm?id=2056

Klara Briknarova
- **Field of Study:** Structural biology, biomolecular nuclear magnetic resonance (NMR) spectroscopy, protein structure, function, and dynamics.
- **Email:** klara.briknarova@umontana.edu
- **Phone Number:** 243-4408
- **Office Location:** Chemistry 111
- For more information please reference her website; http://www.cas.umt.edu/chemistry/facultyDetails.cfm?id=926

Sarah Certel
- **Field of Study:** Behavioral neurobiology, developmental genetics, cell biology
- **Email:** sarah.certel@mso.umt.edu
- **Phone Number:** 243-6425
- **Office Location:** Skaggs Building 393
- For more information please reference her website; http://www.cas.umt.edu/casweb/faculty/FacultyDetails.cfm?id=1576

Mark Cracolice
- **Field of Study:** Chemical education, cognition
- **Email:** mark.cracolice@umontana.edu
- **Phone Number:** 243-4475
- **Office Location:** Chemistry 101B
- For more information please reference his website; http://www.cas.umt.edu/chemistry/facultyDetails.cfm?id=527

Philippe Diaz
- **Field of Study:** Neuropathic pain
- **Email:** philippe.diaz@mso.umt.edu
- **Phone Number:** 243-4362
- **Office Location:** Skaggs Building 479
- For more information please reference his website; http://biomed.health.umt.edu/users/philippediaz

Mark Grimes
- **Field of Study:** Structural and functional neuroscience, biomolecular structure and dynamics
- **Email:** mark.grimes@mso.umt.edu
- **Phone Number:** 243-4977
- **Office Location:** Skaggs Building 392
- For more information please reference his website; http://dbs.umt.edu/people/facultyDetails.php?id=884

Kasper Hansen
- **Field of Study:** Molecular pharmacology of ionotropic glutamate receptors
• Email: kasper.hansen@mso.umt.edu
• Phone Number: Currently unavailable
• Office Location: Skaggs Building 390
• For more information please reference his website: Currently unavailable

Ric Hauer
• Field of Study: Stream and wetland ecology (aquatic ecology), geomorphology, hydrology, nutrient cycling, bioenergetics, population and community ecology
• Email: ric.hauer@umontana.edu
• Phone Number: 243-4848
• Office Location: Davidson Honors College 007
• For more information please reference his website; http://www2.umt.edu/flbs/people/Hauer~183/default.aspx

Jesse Hay
• Field of Study: Molecular cell biology
• Email: jesse.hay@umontana.edu
• Phone Number: 243-2381
• Office Location: Skaggs Building 390A
• For more information please reference his website; http://dbs.umt.edu/people/facultyDetails.php?id=886

Andrij Holian
• Field of Study: Nanomaterials toxicity, silica and scavenger receptors, asbestos research, methamphetamine, biomass smoke
• Email: andrij.holian@umontana.edu
• Phone Number: 243-4018
• Office Location: Skaggs Building 280B
• For more information please reference his website; http://cehsweb.health.umt.edu/users/andrij-holian

Michael Kavanaugh
• Field of Study: Biophysical mechanisms of glutamate transport
• Email: Michael.kavanaugh@umontana.edu
• Phone Number: 243-4398
• Office Location: Skaggs Building 390B
• For more information please reference his website; http://biomed.health.umt.edu/users/michael-kavanaugh

Josh Lawrence
• Field of Study: Neuroscience
• Email: josh.lawrence@umontana.edu
• Phone Number: 243-6486
• Office Location: Skaggs Building 385/391
• For more information please reference his website; http://biomed.health.umt.edu/users/joshlawrence

Mike Minnick
• Field of Study: Microbiology, rickettsiology
• Email: mike.minnick@mso.umt.edu
• Phone Number: 243-5972
• Office Location: Health Sciences 509/510
• For more information please reference his website; http://www.cas.umt.edu/casweb/faculty/facultyDetails.cfm?id=899
Edward Rosenberg
• **Field of Study:** Chemistry, organometallic chemistry, nuclear magnetic resonance, materials science, catalysis
• **Email:** Edward.rosenberg@mso.umt.edu
• **Phone Number:** 243-2592
• **Office Location:** Chemistry 301A
• For more information please reference his website; [http://www.cas.umt.edu/chemistry/facultydetails.cfm?id=533](http://www.cas.umt.edu/chemistry/facultydetails.cfm?id=533)

Frank Rosenzweig
• **Field of Study:** Evolutionary genetics
• **Email:** frank.rosenzweig@mso.umt.edu
• **Phone Number:** 243-4834
• **Office Location:** Health Sciences 416
• For more information please reference his website; [http://www.cas.umt.edu/casweb/faculty/FacultyDetails.cfm?id=903](http://www.cas.umt.edu/casweb/faculty/FacultyDetails.cfm?id=903)

Sandy Ross
• **Field of Study:** Physical biochemistry, analytical biochemistry, biological florescence, biothermodynamics
• **Email:** sandy.ross@umontana.edu
• **Phone Number:** 243-6026
• **Office Location:** Chemistry 013A
• For more information please reference his website; [http://www.cas.umt.edu/chemistry/facultyDetails.cfm?id=534](http://www.cas.umt.edu/chemistry/facultyDetails.cfm?id=534)

Anna Sala
• **Field of Study:** Plant physiological ecology, tree physiology, forest ecology
• **Email:** anna.sala@umontana.edu
• **Phone Number:** 243-6009
• **Office Location:** Natural Sciences 117A
• For more information please reference her website; [http://dbs.umt.edu/people/facultyDetails.php?id=904](http://dbs.umt.edu/people/facultyDetails.php?id=904)

Valeriy Smirnov
• **Field of Study:** Mechanistic studies of enzymatic oxygenation and oxidation reactions using biophysical and bioinorganic approaches, interactions of transition metals with small molecules, oxidation of simple carbohydrates
• **Email:** valeriy.smirnov@umontana.edu
• **Phone Number:** 243-6470
• **Office Location:** Interdisciplinary Science Building 104A
• For more information please reference his website; [http://www.cas.umt.edu/chemistry/facultyDetails.cfm?id=1389](http://www.cas.umt.edu/chemistry/facultyDetails.cfm?id=1389)

Stephen Sprang
• **Field of Study:** Structural biology and biochemistry, biological signal transduction
• **Email:** Stephen.sprang@umontana.edu
• **Phone Number:** 243-6028
• **Office Location:** Interdisciplinary Science Building 103
• For more information please reference his website; [http://www.cas.umt.edu/casweb/faculty/facultyDetails.cfm?id=941](http://www.cas.umt.edu/casweb/faculty/facultyDetails.cfm?id=941)
Jack Stanford
• Field of Study: Limnology, groundwater and flood plain ecology, systems ecology
• Email: jack.stanford@flbs.umt.edu
• Phone Number: 982-3301
• Office Location: Flathead Lake Biological Station
• For more information please reference his website; http://www2.umt.edu/flbs/People/Stanford~1296/default.aspx

Chuck Thompson
• Field of Study: Medicinal and bioorganic chemistry, synthesis and investigation of novel probes of enzyme structure and function, protein mass spectrometry & proteomics, enzyme inhibition and binding kinetics, pharmacophore development and computational modeling of proteins, immunoorganic chemistry
• Email: chuck.thompson@mso.umt.edu
• Phone Number: 243-4643
• Office Location: Skaggs Building 477A
• For more information please reference his website; http://biomed.health.umt.edu/users/charlesthompson

Tony Ward
• Field of Study: Indoor woodsmoke and asthma, air pollution, air toxics, asbestos, pollen
• Email: tony.ward@umontana.edu
• Phone Number: 243-4092
• For more information please reference his website; http://cehsweb.health.umt.edu/users/tony-ward