

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>

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>

Sandy Ross

- **Field of Study:** Physical biochemistry, analytical biochemistry, biological fluorescence, 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>

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>

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>

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>

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>