SUMMER RESEARCH COMMUNITY

BOISE STATE UNIVERSITY

2014
Contact Information for the summer

Boise State has amazing faculty that will be more than happy to help you get the best out of your experience in Boise, Idaho. If you have any questions about the seminars, events, restaurants, outdoor activities, etc. don’t hesitate to ask our staff.

Destinie Addington

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Department: STEM Station  
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Donny Lloyd

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Introduction

The Boise State Summer Programs for Undergraduate Research booklet provides information about the program’s design, campus facilities, housing and the Boise area. Included, you’ll find information about seminars, program scheduling and individual program descriptions.

The booklet is intended to serve only as a guide and is not a comprehensive description of all policies and procedures of the programs.

The Boise State Summer Research Community program hosts several activities in partnership with several student research programs to involve the participants to unique interdisciplinary learning and research opportunities. Interaction with peers from a variety of disciplines provides an academically enriching environment.

Although these summer programs collectively have significant crossover, participants will also have discipline-specific experiences in each of their respective programs.

Summer program partners include:

- Mathematics Research Experience for Undergraduates (Math REU)
- Materials for Energy & Sustainability Research Experience for Undergraduates (Materials REU)
- Raptor Research Experience for Undergraduates (REU-RR)
- Idaho IDeA Network of Biomedical Research Excellence (Idaho INBRE)
- Louis Stokes Alliance for Minority Participation (LSAMP)
- Idaho Experimental Program to Stimulate Competitive Research (Idaho EPSCoR)
- Student Research Initiative Fellowship Program (SRI Fellowship)
- Boise State McNair Scholars Program
- Boise State Microgravity Program
- Idaho Science Talent Expansion Program (STEP)
- IDoTeach /Noyce Program
- Arts and Humanities Institute
- STEM Station
- Many other departments and research laboratories

You can find more information, including a schedule of events, at:
stem.boisestate.edu/stem-summer
Summer Programs

Mathematics Research Experiences for Undergraduates (Math REU)
The Research Experience for Undergraduates in Mathematics engages undergraduate students in all facets of mathematical research. The program features a multidisciplinary approach to solving scientific and mathematical problems. This draws together collaborative teams of young researchers from the disciplines of mathematics, engineering, biology and physics to investigate and work alongside their faculty mentors.

Traditional boundaries between pure mathematics and practical applications of mathematics are fast eroding. An objective of this REU program is to produce cohorts of young researchers whose work and vision transcend this artificial boundary. The nature of computing and complexity is the central unifying focus of the program.

In addition to the targeted research projects and the campus wide associated professional development elements, the program provides weekly research report meetings where each research group reports to the collective research teams on their current research, a research symposium at the end of the on-campus phase of the program where each student researcher orally presents their summer research results, and active engagement in the Idaho Science and Aerospace Scholars Program (ISAS), a NASA-based program for high school students in Idaho.

Contact Information

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Materials for Energy and Sustainability Research Experience for Undergraduates (Materials REU)
Materials science is the enabling technology behind everything from modern electronics to fashion, safe and recyclable packaging, faster and fuel-efficient vehicles, novel energy generation and storage, aerospace propulsion systems, affordable housing, medical engineering, sensors, nanotechnology, and micromachines. One of the most exciting directions in science and policy-making is sustainability, with its emphasis on energy conservation, storage, and renewable production.

The objective of this Research Experience for Undergraduates (REU) program at Boise State University is to provide an intensive research-team experience with state-of-the-art facilities while exploring activities within the theme “materials for energy and sustainability.” Mentors from various disciplines work with students to develop skills needed to excel in academic and industrial research environments, where interdisciplinary teams are standard. Students ultimately present their results at the annual summer research conference.
We also offer a Research Experience for Teachers (RET) component, aiding the integration of research with education and multiplying the benefit to both students and teachers. RETs play an important role in enhancing K-12 teacher skills in communicating science. Our goal is to help teachers better appreciate what materials science is, what materials professionals do, and how materials science serves society.

This month-long summer research experience is for teachers and runs in tandem with the REU. The RET at Boise State will expose STEM teachers to research techniques, instrumentation, and personnel that will better equip them to teach and inspire the next generation of scientists and engineers.

**Contact Information**

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Materials Science and Engineering  

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*Dr. Louis Nadelson*, Associate Professor  
Curriculum Instruction and Foundational Studies  

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**Raptor Research Experience for Undergraduates (REU-RR)**

The juxtaposition of Boise State University’s Raptor Research Center and Department of Biological Sciences, The Peregrine Fund, Inc., Intermountain Bird Observatory, and the Morley Nelson Snake River Birds of Prey National Conservation Area has made Boise, Idaho a hub of raptor research for decades. Boise State University is also home to the nation’s only graduate program in Raptor Biology. Our **Research Experiences for Undergraduates (REU-Raptor Research) Site** builds on this scientific infrastructure to provide opportunities for undergraduate research focused on hawks, owls, falcons, and eagles (raptors). REU-RR participants undertake a 10-week research experience under the mentorship of Boise State University professors, NGO scientists, and government biologists.

Birds of prey are attractive subjects for students and provide a basis for investigating basic and applied research questions in biological fields including avian behavior and habitat use, climate change effects, and sensory and molecular ecology. In addition to mentored research, REU-RR students attend weekly journal clubs; workshops focused on raptor informatics, bird banding, tree climbing to access raptor nests, and endangered species restoration; and undergo professional development focused on responsible conduct of research, applying to graduate school, and communicating science. Students present their research findings at the Summer Research Conference and seek outlets for publication. These core activities are designed to enhance students’ understanding of and enthusiasm for scientific research, increase retention of students in the STEM pipeline, and help students prepare for research in graduate school and the professional workplace.
IDeA Network for Biomedical Research Excellence (Idaho INBRE)
A goal of the Idaho INBRE Program is to provide research opportunities to Idaho undergraduate students and to serve as a pipeline for these students to continue in health research careers. Supported by program funding from the National Institutes of Health, a broad base of students with interest, enthusiasm, and knowledge in science take the necessary first step to becoming the next generation of biomedical researchers. The Idaho INBRE Summer Fellows Program provides undergraduate students a 10-week hands-on mentored research experience, culminating with the presentation of their work to the statewide INBRE network of faculty researchers and other summer fellows at the Annual Idaho INBRE Research Conference, one of the largest biomedical research conferences in the Pacific Northwest.

Contact Information

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Raptor Research Center

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Biomolecular Research Center

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The Louis Stokes Alliance for Minority Participation (LSAMP)
The Pacific Northwest Louis Stokes Alliance for Minority Participation (LSAMP) is designed to support students and give them the tools they need to succeed with their academic and career goals. Some of the highlights that the LSAMP program offers are sponsorships to conferences, mentoring programs, career building and life skill seminars, informational sessions on graduate school, LSAMP community events, socials, dinners, talks, retreats, and the summer Undergraduate Research Experience (LSAMP UREs). The aim is to increase the number of degrees earned by underrepresented minority (URM) students in Science, Technology, Engineering and Mathematics (STEM) majors.

Contact Information

Emily Flores, Boise State LSAMP coordinator
STEM Station

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Idaho Experimental Program to Stimulate Competitive Research (EPSCoR)
The National Science Foundation Experimental Program to Stimulate Competitive Research (NSF-EPSCoR) project is designed to advance the understanding of feedbacks between social and ecological systems and ecosystem services in mid-sized cities in the face of climate change and urban growth. The program builds Idaho's capacity to study complex social-ecological processes, especially those associated with water demand and valuation of ecosystem services. This research characterizes patterns and identifies social drivers of urban growth and ecological change, including valuable ecosystem services. Outcomes will include an integrated modeling framework and visualization tools. REU students participate in a variety of projects across a suite of disciplines including biology, engineering, computer science, public policy, anthropology, and sociology.

Contact Information

Shawn Benner, Coordinator
Department of Geosciences

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Boise State Student Research Initiative Program (SRI Fellowship)
The Student Research Initiative (SRI) Fellowship Program provides funded opportunities for Boise State University students to pursue independent academic and creative work and
engage in research and scholarship under the supervision of a faculty mentor. The program is open to both undergraduate and graduate degree-seeking students in all academic disciplines. The mission of the program is to facilitate and increase the use of student research as a tool for engaged learning, critical thinking, and the creation of knowledge. The goals of the program are to foster and expand student research at Boise State University through increasing the number of students from all disciplines participating in research and increasing the number of publications and presentations from research involving students from all disciplines, and to ensure content/skill mastery and to promote interdisciplinary socialization.

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Erin Muggli, Project Manager for Undergraduate Studies
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Website: http://academics.boisestate.edu/undergraduate/undergraduate-research/student-research-initiative/

Boise State McNair Scholars Program
The Boise State McNair Scholars Program prepares students for graduate studies through scholarly enrichment, exposure to research, and other academic experiences and opportunities. The McNair Scholars program serves students from groups underrepresented in graduate education and first generation college students from low-income backgrounds. The program collaborates with Faculty Mentors to prepare McNair Scholars to successfully pursue a Ph.D. and careers in university teaching and research.

Contact Information

Gregory Martinez, Program Director
College of Education

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Boise State Microgravity Program
Boise State’s Microgravity University students design, build, and fly experiments onboard NASA’s Weightless Wonder aircraft, gaining experience in scientific research, engineering design, and flight-tests operations. This year’s team includes majors in biology, computer science, mechanical engineering, education, and business. Their interdisciplinary research is focused on loss of bone mass, a current medical issue that affects both patients with osteoporosis and astronauts on long-duration space missions.

Contact Information

Faculty Advisors: Dr. Elisa Barney Smith (Dept. of Electrical & Computer Engineering), Dr. Julie Oxford (Dept. of Biological Sciences, and Dr. Barbara Morgan (Distinguished Educator in Residence)


Idaho Science Talent Expansion Program (STEP)
The Idaho Science Talent Expansion Program (Idaho STEP) represents an institutional plan and commitment to first year success for incoming STEM majors at Boise State University. It is designed for student success by (1) integrating new student orientation with math assessment and learning, (2) linking STEM faculty educational training with STEM freshman learning communities and with orientation, and (3) integrating and expanding, based on research best practices, existing programs such as learning communities, undergraduate research, and faculty development.

Contact Information

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STEM Station

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IDoTeach/Robert Noyce Program
Consistent with the Boise State University commitment of innovation, leadership, and program excellence, the university has committed to IDoTeach, a UTeach replication effort. The IDoTeach program at Boise State University is collaboration between the College of Arts and Sciences, College of Engineering, and the College of Education to prepare secondary mathematics and science teachers.

Contact Information

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Arts and Humanities Institute
The Arts and Humanities Institute at Boise State will not only sustain the traditional work of arts and humanities, but also champion their importance. Its mission is to bridge the arts and the humanities in transformative ways by promoting creative and humanistic collaborations across all areas of inquiry; embodying and advancing the cultural ethical and aesthetic values necessary to flourishing democratic societies; and exemplifying engaged, life-long learning for our students, our faculty, the community and the region.

Contact Information
Website: http://ahi.boisestate.edu

STEM Station
The Station engages STEM faculty and students together in research and service-learning to address energy, environment, education, healthcare and other grand challenges. Its mission is to connect STEM students with resources that create relevance to classroom learning and stimulate personal development. The STEM Station at Boise State involves a consortium of more than a dozen National Science Foundation STEM education initiatives and research programs, in conjunction with partners from academic affairs, and Research and Economic Development.

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STEM Station

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# 2014 Summer Schedule

## May

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Lab Safety Training</td>
<td>9-10:30am in Education Bldg #110</td>
</tr>
<tr>
<td>30</td>
<td>Safety Training</td>
<td>Albertsons Library 203, 2:30-4:30pm</td>
</tr>
<tr>
<td>31</td>
<td>Training</td>
<td>STEM 1-4</td>
</tr>
</tbody>
</table>

## June

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>SRC 2014: Opening Event</td>
<td>9-11am in Skaggs Hall MBEB 1301</td>
</tr>
<tr>
<td>9</td>
<td>Lab Safety Training</td>
<td>1:30-3pm in Education Bldg #520</td>
</tr>
<tr>
<td>12</td>
<td>Library Research Activity</td>
<td>9-11am in Albertsons Library</td>
</tr>
<tr>
<td>12</td>
<td>Welcome Picnic</td>
<td>5-8pm Ann Morrison Park Old Timers Shelter</td>
</tr>
<tr>
<td>19</td>
<td>“Research Ethics” with Dr. Henry Charlier</td>
<td>9-11am in Skaggs Hall MBEB 1301</td>
</tr>
<tr>
<td>26</td>
<td>Arts &amp; Humanities with Dr. Mac Test</td>
<td>9-11am in Skaggs Hall MBEB 1301</td>
</tr>
<tr>
<td>26</td>
<td>As You Like It Idaho Shakespeare Festival</td>
<td>8pm at The Idaho Shakespeare Festival</td>
</tr>
</tbody>
</table>

## July

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>“Presenting Your Research” with Woody Sobey, Pt 1</td>
<td>9-11am in Skaggs Hall MBEB 1301</td>
</tr>
<tr>
<td>10</td>
<td>Abstract Submission Due</td>
<td>Submit online</td>
</tr>
<tr>
<td>17</td>
<td>“Creating Your Research Poster” with Dr. Jennifer Forbey</td>
<td>9-11am in Skaggs Hall MBEB 1301</td>
</tr>
<tr>
<td>17</td>
<td>“ISAS Program” with Wendy Lawrence</td>
<td>6:00 pm in SUB Lookout Room</td>
</tr>
<tr>
<td>24</td>
<td>“Presenting Your Research” with Woody Sobey, Pt 2</td>
<td>9-11am in Skaggs Hall MBEB 1301</td>
</tr>
<tr>
<td>30-31</td>
<td>Idaho Conference on Undergraduate Research</td>
<td>Boise State Student Union</td>
</tr>
<tr>
<td>31</td>
<td>“ISAS Program” with Wendy Lawrence</td>
<td>6:00pm in Skaggs Hall MBEB 1301</td>
</tr>
</tbody>
</table>

*MBEB – Micron Business & Economics Building*
REU Student Expectations

• Student researchers are required to meet with their mentors regularly to discuss their work.

• Student researchers should develop a schedule for research. Students should expect to put a full-time effort on their projects, unless they have a part-time assignment.

• Research mentors will expect students to fully participate in their research project for the entire duration of their program.

• Student researchers must be present at all seminars and social events, or as specified by your coordinator. See page 11 for the list of required events. Each program may have additional required events. Your mentor will let you know about program specific events.

• All student researchers are required to present their research at the 2014 Idaho Conference on Undergraduate Research (ICUR) to be held July 31st, 2014.

• During the program the student researchers will be asked to evaluate the program and their research experience.

• Some programs may require a final paper.

If, for whatever reason, you are unable to fulfill the expectations listed above, speak with your mentor or the program director as soon as possible. If there are any considerations that need to be made in regards to accessibility services, please contact your mentor or your program director so that arrangements can be made.

Faculty Mentor Expectations

• Research mentors should meet regularly with their student researchers and should integrate them fully into the research team.

• Research mentors will work with their students to develop a plan for the research project and establish guidelines for the student researchers to follow.

• Research mentors will be active participants in developing a culture of research and a professional relationship with the student researcher.

• Research mentors are expected to be in contact with their students before they arrive on campus and to provide them with a preliminary reading list.

• Research mentors will help their student researchers prepare for their final report, oral presentations, or research poster.

• Research mentors are strongly encouraged to attend student research presentations, seminars, and the Summer Undergraduate Research Conference.
University Housing Policies and Regulations:

As part of participating in the STEM Summer Research Community, you may be living on campus. It is a good idea to familiarize yourself with campus policies and regulations. Listed below are some of the policies you will be expected to adhere to as a member of the STEM Summer Research Community:

1. Students will not participate in or contribute to underage drinking. This includes “pur-chasing, providing, consuming, or making alcohol available to underage students and/or guests” (see housing policies on alcohol).

2. “Fireworks of any type are prohibited and may not be kept in your apartment. Explosives of any kind, or equipment and materials needed to make explosives, also are not allowed” (see housing policies on flammable materials).

3. “Housing & Residence Life seeks to provide an environment in which residents can pursue their educational goals, sleep, and study. To achieve this, students must monitor their noise levels and consider their impact upon the larger community” (see housing policies on quiet hours & courtesy).

4. "No pets are allowed in Housing & Residence Life, either on a permanent or visitation basis, except for fish; fish aquariums are allowed up to a 10 gallon tank. Assistance animals documented through the Disability Resource Center are permitted, only after the DRC and Housing & Residence Life have communicated" (see housing policies on pets).

5. "In addition to items prohibited under Section 12 of the Student Code of Conduct; ammunition, or any device/object used as a weapon are forbidden in Housing & Residence Life" (see housing policies for more details).

If you would like to view the Housing and Residence Life policies in further detail, please visit their website at http://housing.boisestate.edu/policiesprocedures/
MBEB: Micron Business & Economics Building
(Location of many events)
Locations

A  Picnic Location
B  Micron Business & Economics Building
C  Biology and Chemistry
D  Mathematics Building
E  Albertsons Library
F  Student Union Building
G  Lincoln Garage
H  University Townhouses
I  Boise State Health & Wellness
J  Boise State Student Recreation Center
K  STEM Station
L  College of Engineering
M  Albertsons Grocery
N  Walgreens
O  Whole Foods Grocery
P  The Discovery Center of Idaho
Q  Winco Foods Grocery
R  Trader Joes Market
S  Capital City Public Market (Sat. 9:30 am—1:30 pm)
Living Accommodations

University Townhouses

You will be living in the Aspen, Cedar, Hawthorne, Juniper, Spruce, or Tamarack Townhouses, located along Lincoln Ave. This location is just one block from the Student Union, Campus Recreation and the Norco Building and is adjacent to the Lincoln Parking Garage. The complex showcases an outdoor recreation area including a basketball court, sand volleyball court and a grill that is available to all residents of the complex. Amenities include laundry machines, wireless Internet, cable television, water, power, gas, and sewer.

As part of your housing accommodations, the College of Arts and Sciences and the STEM Station is providing each townhouse with a ‘kitchen kit.’ The contents of the kit are as follows:

<table>
<thead>
<tr>
<th>Dinner Plates</th>
<th>Lunch Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowls</td>
<td>Mugs</td>
</tr>
<tr>
<td>Glasses</td>
<td>1 Can Opener</td>
</tr>
<tr>
<td>Wooden Spoons</td>
<td>Forks</td>
</tr>
<tr>
<td>Spoons</td>
<td>4 Butter Knives</td>
</tr>
<tr>
<td>Cutting Knives</td>
<td>1 Cutting Board</td>
</tr>
<tr>
<td>Dish Towels</td>
<td>1 Dish Rag</td>
</tr>
<tr>
<td>Hand Towel</td>
<td>1 Containers</td>
</tr>
<tr>
<td>Colander</td>
<td>1 Set of Pots and Pans</td>
</tr>
</tbody>
</table>

Along with the kitchen kits, we will provide each townhouse with a sponge, dish soap, paper towels, garbage bags, and toilet paper. It would be a good idea to speak with your housemates and organize a trip to the store to purchase enough of these consumables to last throughout the summer. Please return the kitchen kit items to the bin at the end of the summer.
What to Bring to Boise

When packing for the summer, it's worth noting the local weather. Sometimes the weather stays cool until mid-June, and so it is wise to bring a light jacket. For working indoors, you will want to take into consideration that buildings may be cool due to air conditioning. For presentations and the Summer Research Conference, please bring business casual clothes.

Idaho summers can get hot, and the climate here is dry. Shorts, t-shirts, tank-tops and sandals can help you stay comfortable. For those who sunburn easily, consider bringing a hat and purchasing some sunscreen. Boise State University is located right on the Boise River and an enjoyable routine during the summer is to float the river in inner tubes (see page 26), so don't forget to bring your swimsuit!

Each housing unit has a stacking washer and dryer. Students will need to purchase detergent.
Transportation

Buses

Shortly after you arrive here, you will acquire a Boise State Bronco Card. Among its numerous other uses, your Bronco Card entitles you to Free Bus Transit! Wherever you see the Valley Ride signs, you can ride for free by showing the driver your Boise State Bronco Card with the “BUS” sticker affixed to it.

During our campus tours, we will visit the Transportation & Parking Services Office to get your free “bus” sticker. If you need to get your sticker earlier, or forget to get it during the tour, the Transportation & Parking Services is located on the first floor of the Student Union Building.

Buses!

If you are interested in leaving the downtown area to travel to the Boise Towne Square Mall, bus route 29 is the way to go! A 20 minute trip will take you from the Boise State Admin Building to the Towne Square Mall. The details for route 29 can be found on page 20.

If you are traveling anywhere else in the valley, visit http://www.valleyride.org/where you can find additional bus routes and schedules.

Enterprise CarShare

Enterprise CarShare is a car sharing program in your community that allows you to reserve a car by the hour for one, all inclusive price. Unlike traditional rental, you only have to be 21 years old to share in your community.

For more information visit their website at enterprisecarshare.com/car-sharing/program/boisestate

Bikes!

There are two great places to visit here in Boise for bikes. On campus we have The Cycle Learning Center, and off campus there is the nearby Boise Bicycle Project.
The Cycle Learning Center (CLC) is a campus-based service focused on developing healthy and sustainable lifestyles by promoting the use of bicycles and multi-modal transportation options. The CLC is available through a partnership between University Health and Recreation and Transportation & Parking Services. CLC programs and services provide an excellent opportunity for the collaborative partners to combine efforts towards the complementary goals of providing environmentally sustainable transportation options and promoting an active and healthy campus community. The CLC is located in the Lincoln Avenue Parking garage across from the Student Union and adjacent to the Recreation Center. You may rent a beach cruiser for the summer for $50. For more rates visit rec.boisestate.edu/clc/rentals/

Hours: Monday–Friday, 10am–6pm

Boise Bicycle Project is a community-oriented effort to promote the personal, social, and environmental benefits of bicycling. It functions as a bicycle recycling center as well as an educational workspace in a diverse and non-threatening atmosphere. Through education and access to inexpensive bicycles we strive to build a stronger bicycling community.

Many of the adult bicycles that are donated to BBP are completely overhauled and made available to the public at affordable prices. Although BBP receives a wide variety of bicycles ($1000 mountain bikes to vintage 10-speeds) we specialize in bicycles made for daily commuting. For $30-$100, you will often find steel mountain bikes from the 90’s converted into modern day commuters. These bikes should last for decades.

Location: On 1027 Lusk St, Boise, ID 83706

Hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday</td>
<td>11-6pm</td>
</tr>
<tr>
<td>Thursday</td>
<td>11-6pm</td>
</tr>
<tr>
<td>Friday</td>
<td>11-6pm</td>
</tr>
<tr>
<td>Saturday</td>
<td>11-5pm</td>
</tr>
<tr>
<td>Sunday</td>
<td>11-5pm (shopping only)</td>
</tr>
</tbody>
</table>
Food

Groceries

There are many places to shop for groceries around Boise State. The three closest grocery stores are WinCo Foods, Albertsons, and Whole Foods.

Located on W Myrtle, WinCo can be reached easily by crossing Friendship Bridge, and walking through Julia Davis Park, location H on page 16. WinCo is probably the most inexpensive place to get food here in the downtown area. They have a large selection of bulk foods, produce, deli foods, and frozen foods. An additional benefit of WinCo is that they are open 24 hours a day!

Albertsons can be found just down the block from the townhouses, on Beacon and Broadway, location K on page 16. This is one of the smaller Albertsons, but you can find most anything you’d need there. Here you can find a deli, a bakery and a pharmacy. This location is open 6am to midnight every day.

A third option for groceries is Whole Foods on Broadway between Front and Myrtle, location I on page 16. Whole Foods is open from 7:30am to 10:00pm every day. Whole Foods has a deli, a bakery, bulk foods, among other groceries.

Other nearby options:

1) Trader Joes is located downtown on 300 S Capitol Bld. This is a small store, but with a great selection of organic, non-GMO, all natural, etc. at great prices. They are open daily from 8am-9pm.

2) An alternative source of fresh foods and groceries is the Saturday Market. The Saturday Market is held downtown from 9:30am to 1:30pm, location P on page 16. You can buy raw honey, fresh fruit, fresh vegetables, and all local! There are also a number of food vendors cooking up something interesting and new each weekend.

3) Another alternative is the Boise Co-op, which is located on Fort St, between 9th and 8th St. The Boise Co-op is a great place to go to find locally grown veggies and fruits, local baked goods, and other interesting foods from the Treasure Valley and far beyond. Boise Co-op is open 7am to 10pm daily. Right in the middle of Boise’s historic North End (and just blocks from Camel’s Back park), it is an excellent stop to prepare for a picnic or hike.
The SUB

Our Student Union Building has a number of places to eat. The Boise River Cafe is open from 11 am to 1:30pm, serving breakfast and lunch. You can purchase very affordable meal plans for the Boise River Cafe. In the SUB food court you can find a Moxie Java, Chick-fil-A, Subway, and our campus convenience store. Boise State dining services link: http://www.campusdish.com/en-US/CSW/BoiseState/

Eating Out

Don’t want to cook? Just go downtown! You will find that there are tons of great restaurants to choose from. Anywhere from sushi to breakfast to Basque, coffee, Indian and much more! If this doesn't satisfy you, contact us for more ideas!
Campus Services

Albertsons Library

The Albertsons Library provides access to over 550,000 books, a vast array of journals, more than 160 databases, reference works, newspapers, and other resources for student research and learning. Ample study spaces for individuals and groups are available within the Library. Reference librarians are available within the Library and online to help students with their research.

You'll need your Bronco card to check out books and other materials.

Also, we have a Starbucks in our library, so drop by and get your coffee before your research break!

<table>
<thead>
<tr>
<th>Hours</th>
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<tbody>
<tr>
<td>Monday-Thursday</td>
<td>7am–7pm</td>
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<tr>
<td>Friday</td>
<td>7am–6pm</td>
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<tr>
<td>Saturday-Sunday</td>
<td>10am–6pm</td>
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University Health Services

The mission of University Health and Recreation is to provide the Boise State University community with an integrated model of delivery enabling our campus partners to retain, enhance, promote, and improve upon their physical, mental, and spiritual health. In serving their constituents, the Medical, Counseling, Wellness, and Recreation departments provide highly skilled and licensed staff, specialized resources, and experiential learning opportunities in support of the overall mission of Boise State University. University health services can be found in the Norco Building, directly behind the recreation center. Walk in and scheduled appointments are available and accepted. Please call (208) 426-1459 to schedule an appointment. If you are interested in learning more about our campus health services, visit their website, http://healthservices.boisestate.edu/

Fees

Call the Health Center to check for current fees for medical exams, procedures, etc. Coverage varies among insurance companies. Check with your company for exact details of coverage of fees. Uninsured patients will be charged the full fee for the service, and payment is due at the time of service unless prior arrangements have been made with the business office. Health Services will not turn away any Boise State student because of their inability to pay, and this includes you.
Prescriptions

A limited dispensary at the Health Center sells over-the-counter and prescription medications, when ordered by a Health Services provider. Otherwise, your provider will write a prescription for you to use at a community pharmacy.

For other over the counter medicine, WinCo or Walgreens or Albertsons, see page 16 for a map. For prescription medication, both Albertsons and Walgreens have pharmacies, as does Ladd Family Pharmacy, close by at 1109 Broadway Ave.
Recreation

There is a lot to do in the Boise Valley and on the Boise State campus.

Boise State Rec Center

The Boise State Recreation Center is a great place to visit in your spare time. All summer students are welcome to sign up for a free 3-day pass. If you decide to become a summer member, the fee is just $45!

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<thead>
<tr>
<th>Area</th>
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<th>Saturday</th>
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<tbody>
<tr>
<td>Student Recreation Center</td>
<td>6am–8pm</td>
<td>6am–8pm</td>
<td>6am–8pm</td>
<td>6am–8pm</td>
<td>6am–8pm</td>
<td>8am–8pm</td>
<td>noon–8pm</td>
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<tr>
<td>Aquatic Complex</td>
<td>6am–7pm</td>
<td>6am–7pm</td>
<td>6am–7pm</td>
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<td>6am–7pm</td>
<td>8am–7pm</td>
<td>noon–7pm</td>
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<tr>
<td>Climbing Gym</td>
<td>closed</td>
<td>5pm–8pm</td>
<td>closed</td>
<td>5pm–8pm</td>
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<tr>
<td>Outdoor Rental Shop</td>
<td>10am–8pm</td>
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<tr>
<td>Cycle Learning Center</td>
<td>10am–6pm</td>
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<td>10am–6pm</td>
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Boise Outdoors: Floating the River

Use one of your free afternoons to float the river! It is a fun and cool way to spend your afternoon. You can rent tubes and rafts from the Boise State Rec Center. A two person inflatable kayak is $30. Other gear can be found on the Rec Center website. Also, you can take the shuttle to Barber Park. The shuttle departs from Ann Morrison Park every hour to take you up to Barber Park. The trip takes about 20 minutes, depending on traffic. There, you can rent gear and float back down to Ann Morrison. And once you’re done, you can return your gear to the rental folks down at the park. Fees are as follows:

- Shuttle $3.00 per person
- Deluxe Tube $12.00 (+ Tax & Deposit)
- 4-Person Raft $45.00 (+ Tax & Deposit)
- 6-Person Raft $55.00 (+ Tax & Deposit)
- 2-Person Kayak $35.00 (+ Tax & Deposit)

Rafts and kayaks from Barber Park include a life-vest for each person, and you can request a life-vest with the rental tubes. For more information visit [barber-park.com](http://barber-park.com).
Boise Outdoors:

Boise is surrounded by some of the most amazing hiking trails. From The City of Boise’s website Ridges to Rivers: “An interconnected network of roads and trails courses through these hills, linking not only neighborhoods with public lands but also connecting people with the natural environment. With over 130 miles of trail, there is something for everyone.” Take a look at their website, http://www.ridgetorivers.org/

Music, Movies, and More in Downtown Boise

Alive After Five 6-8pm

A Summer Concert Series runs June 5th through September 4th every Wednesday and is held in the Grove Plaza downtown Boise. Listen to live music and enjoy cool beverages, vendor booths and delicious food each week. Cool off in the fountain, dance ‘til you drop or just sit back and watch! Either way, it’s a great event and it’s FREE to attend!

This event is held in the same area as the Saturday market, area P in map, page 16.

<table>
<thead>
<tr>
<th>Alive After Five Concert Series</th>
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<tbody>
<tr>
<td></td>
<td>June</td>
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<td></td>
<td>July</td>
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<tr>
<td>4th Coast West Unrest</td>
<td>2nd</td>
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<tr>
<td>11th Shook Twins</td>
<td>9th</td>
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<tr>
<td>18th Greyhounds</td>
<td>16th</td>
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<td>25th Girls Guns and Glory</td>
<td>23th</td>
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<td></td>
<td>30th</td>
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<td></td>
<td>Big Monti</td>
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<tr>
<td></td>
<td>Eric Hutchinson</td>
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<td></td>
<td>Royal Southern Brotherhood</td>
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<td></td>
<td>Jessica Hernandez &amp; The Deltas</td>
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<td></td>
<td>Brothers Comatose</td>
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First Thursday

First Thursday takes place on the first Thursday of each month, throughout downtown Boise. The event takes place from 5:00-9:00 pm and focuses on providing downtown visitors the chance to stroll through the unique shops and galleries in downtown, while enjoying in-store entertainment and special events. Visit http://www.downtownboise.org/ to find up to date information on First Thursday (and other downtown events).

Event Venues Downtown

There are a number of great places to visit downtown for music, movies, and more. If you are looking for something new, visit http://www.boiseweekly.com/ to find additional news on concerts, movies, and food. This publication and website is a great place to start if you’re interested in finding entertainment in Boise. The following are a few more venues that might interest students on campus for the summer.
In addition to the Flicks, there are two other downtown theaters worth checking out. On Broad St, between 8th and Capital, we have Edward's Theaters. Also, on the corner of Main and Capital, we have the Egyptian Theatre. This historical theatre opened in 1927, and features concerts, film festivals, operas, and film premieres.

Admission is free with a Boise State Student ID.

The mission of the Boise Art Museum is to create visual arts experiences, engage people, and inspire learning through exceptional exhibitions, collections, and educational opportunities. Established in 1931, the Boise Art Association formed with the purpose to organize, acquire, and maintain a suitable gallery in which works of art could be displayed. In 1937, the Boise Art Museum was formed as a partnership between the Boise Art Association and the City of Boise and the museum was built in Julia Davis Park in the heart of downtown.
Zoo Boise connects our visitors with animals to inspire and involve our community in the conservation of wildlife worldwide. Zoo Boise is one of the most popular attractions in Southern Idaho as well as a living science facility that is home to over 201 animals from 83 various species.

Location: 355 Julia Davis Dr., across the Friendship Bridge from Boise State University

Summer Hours: Open Daily from 9am -5pm

Cost: $7 Every Thursday is discount admission day for $4.25

*All admission prices include a $.50 fee for the Zoo Boise Conservation Fund.

### Special Attractions

<table>
<thead>
<tr>
<th>Activity</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Giraffe Encounter/Sloth Bear Encounter*</td>
<td>$3.00</td>
</tr>
<tr>
<td>Conservation Cruise</td>
<td>$1.00</td>
</tr>
<tr>
<td>Carousel</td>
<td>$1.00</td>
</tr>
<tr>
<td>Zoo Farm Food</td>
<td>$.25</td>
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</tbody>
</table>

*Giraffe Encounters are available for the first 50 visitors daily from 1:30 - 2:30 pm, weather permitting. The Sloth Bear Encounter is daily at 10:30 - 11:30am.
The Discovery Center of Idaho’s mission is to inspire lifelong interest and learning in science, technology, engineering and math. There are a number of awesome exhibits going on at the DIC all summer long. This venue will be the location of our Dinner with Science on July 17th, but until then feel free to visit!

- DCI is an interactive science center providing exhibits and educational programs that offer authentic, sensory experience making the sciences, math and technology tangible.

- DCI fosters lifelong learning and enhances scientific literacy in a collaborative environment for people of all ages and from all walks of life.

- DCI celebrates the pure joy of learning, helping to develop an educated workforce and an informed electorate in stewardship of our planet.

- DCI is built on cooperative partnerships with education, industry and research organizations, public and private.

- DCI will showcase its philosophy and objectives and reflect the region’s resources through its programs, exhibits and architecture.

**Hours:**
Monday-Thursday & Saturday: 9:30am-5pm
Friday: 9:30am-7pm, Sunday: 12-5pm

DCI Adult Admission: $9.00