Welcome

The University of Missouri prides itself on helping students find success as they work towards their educational goals. Our undergraduate programs play a crucial role in that effort. Support for learning and success is at the center of what our undergraduate programs do.

Our retention rate was at an all-time high this fall, thanks in part to services such as the Learning Center, MU Connect and Academic Exploration and Advising Services, which support the key aspects of academic success. Through programs such as the Academic Retention Services, Honors College, Multicultural Certificate and Career Center, we provide opportunities for students to get involved on campus, learn about cultural and diversity matters and collaborate with students from diverse backgrounds who are majoring in a broad range of academic disciplines. We strive to prepare our students not only for their future careers, but for broader roles in service to society. Areas such as Service-Learning, Undergraduate Research and the Fellowships Office add opportunities for academic enrichment—whether that be through unique study abroad experiences or hands-on research opportunities. Undergraduate programs also provide services that support our faculty including Educational Technologies and the Campus Writing Program. We recognize our responsibility to work with faculty and staff so they can be effective in their roles as teachers.

This annual report illustrates the work we are doing across our undergraduate programs to support teaching and learning at Mizzou. We hope you find this report informative and enlightening. We are proud of the past achievements and have our sights set on increased success in the coming year. We welcome your feedback on our efforts as we are always striving to do the best job possible for Mizzou.

Jim Spain
Vice Provost for Undergraduate Studies
Office of Undergraduate Studies

Mission:
The Office of Undergraduate Studies supports and advocates for the efforts in teaching and learning that take place at the University of Missouri. The office recognizes and celebrates the talents, successes and accomplishments of Mizzou’s outstanding students, dedicated faculty, passionate advisers and hardworking staff.

This fall, the University of Missouri welcomed the largest student body and the fourth-largest freshman class in the history of the university.

Total Enrollment

35,050 students enrolled for Fall 2015 semester

This year’s student body includes

- 6,211 freshmen,
- 27,589 undergraduates,
- 1,195 professional students,
- and 6,266 graduate students.

Retention

87.1% retention rate for Fall 2015 semester

Programs such as Freshmen Interest Groups, Living/Learning Communities, student success courses, the TRiO program, specific tutoring services (including 24 hour online tutoring) and others have been implemented as a means to help students adjust to their new environment.

Diversity

Diversity increased as the number of students from underrepresented groups, was up 1.8 percent to

5,485 students for Fall 2015 semester

and the number of international students, increased 4.7 percent to

2,432 students for Fall 2015 semester

ACT Scores

26 mean ACT score for Fall 2015 semester

The number of freshmen with ACT scores of 30 and higher, was 1,086 which increased 1.4 percent from last year.
Multicultural Certificate

Mission:
The Multicultural Certificate (MCC) is offered to any undergraduate student at Mizzou. Students earning the certificate will become familiar with multicultural and diversity issues in an individualized course of study.

In Spring 2015, 702 graduates earned the Multicultural Certificate.

The number of students scheduled to graduate with the certificate is double the number of students who have already graduated with the Multicultural Certificate.

6,414 students currently pursuing the MCC

3,377 students have graduated with the MCC.

MCC reaches a broad range of majors, those with the greatest amount of certificates are Journalism, Psychology, Biology, Health Sciences and Communications.

In Fall 2014 and Spring 2015 MCC student presenters gave a total of 280 presentations on campus.

1,276 students who graduated in Fall 2014 or Spring 2015 heard about the Multicultural Certificate through presentations.

Rewriting Realities
This year MCC received over 2X the number of previous year's submissions.

Students who submitted came from all across campus.
Mission:
Undergraduate engagement, mentored research, scholarly activities and creative endeavors will be a strength of the Mizzou experience distinguishing the University of Missouri among land-grant and AAU institutions.

Summer 2014
Summer MU Undergraduate Research & Creative Achievements Forum
133 students participated in the Summer 2014 Forum
from more than 40 colleges & universities
including campuses in California, Florida, Hawaii, Vermont, Washington, Louisiana, Massachusetts, Puerto Rico, South Africa, and nine institutions in Missouri.

Spring 2015
Spring MU Undergraduate Research & Creative Achievements Forum
324 students submitted abstracts and artist statements
increase from the students who submitted work in 2014
with specific increases in Arts and Humanities

Of the 324 students in the forum, the event featured 165 seniors (51%), 120 juniors (37%), 31 sophomores (10%), and 8 freshmen (2%)

Travel Awards
The Office of Undergraduate Research provided Undergraduate Research Travel Awards to 19 student applicants traveling to 16 conferences across North America. Last year students traveled to Sherbrooke, Canada, Washington D.C., Boston, Massachusetts, San Jose, California, and many others. Ultimately, the 19 students were awarded a total of $8,415 in funding from the office to present their work at regional, national and international conferences. Of the 19 students receiving travel awards, 15 students majored in STEM disciplines, while four students majored in non-STEM fields.
Undergraduate Research Day at the Capitol
The Office of Undergraduate Research selects and prepares students to present their work at Undergraduate Research Day at the Capitol in Jefferson City. This event is sponsored by the University of Missouri System each March and allows students to share their research with state legislators and the general public.

30 MU students presented at the Capitol
50% more MU students than in 2014

Participants by Major
- 15 Life Sciences
- 8 Engineering Sciences
- 5 Education
- 1 Humanities
- 1 Social and Behavior Sciences

MU Participants by Year

Awards
Senior Civil Engineering major, Paige Martz represented the University of Missouri at the Posters on the Hill event sponsored by the Council on Undergraduate Research in Washington D.C. Martz presented her research on Diverging Diamond Interchanges to legislators during a poster session on Capitol Hill.

National Science Foundation Graduate Research Fellowships
Fall 2015 NSF GRF Undergraduate Awardees - MU Student, Field of Study, Graduate Institution
- Channell Washington, Psychology, Penn State University
- Josh Russell, Physics, Columbia University
- Tom Laughlin, Biochemistry, UC Berkeley
- Kayla Henderson, Bioengineering, University of Texas - Austin

Fall 2015 Honorable Mention
- Andrew Allee, Biochemistry, Dartmouth College

2015 Outstanding Undergraduate Research Mentors
- D Cornelison, Biological Sciences
- Daniel Domingues, History
**Mission:**
Campus Writing Program’s mission is to support faculty as the primary agents of Writing Across the Curriculum (WAC) theories and practices in educating students through principles of “writing-to-learn” and “learning-to-write.” Teaching by these principles will enhance students’ critical thinking abilities and better engage them in complex problem solving while they learn to communicate with clear, effective language in discipline-specific ways.

**Who Teaches Writing Intensive Courses?**

- **13,444** writing intensive students in 2014-15
- **376** writing intensive courses in 2014-15

- 3.9% NTT Professor
- 4.6% Graduate Students
- 4.9% NTT Associate Professor
- 11.8% Assistant Professor
- 12.9% NTT Assistant Professors
- 16.2% Other
- 22.1% Associate Professor
- 23.7% Professor

**Writing Intensive Courses by Sector**
- 35.2% Humanities and Arts
- 28.3% Education and Social Sciences
- 36.5% Natural and Applied Sciences

**Writing Intensive Courses by Level**
- 52.47% 1000
- 28.3% 2000
- 14.8% 3000
- 3.1% 4000
Campus Writing Program

Writing Intensive Faculty Satisfaction

How satisfied were you with your WI class?

- 49.1% Mostly satisfied
- 28.1% Completely satisfied
- 19% Somewhat satisfied
- 5.3% Somewhat dissatisfied
- 5.3% Mostly dissatisfied
- 3.5% Completely dissatisfied

How satisfied were you with the support from the Campus Writing Program?

- 60.3% Mostly satisfied
- 19% Somewhat satisfied
- 5.3% Somewhat dissatisfied
- 5.3% Mostly dissatisfied
- 3.4% Complete dissatisfied

Awards

Faculty Development Awards
Most recently funded projects

Carla Allen (Department of Clinical and Diagnostic Sciences): “Integrating Guided Inquiry into Problem Based Learning”

Gene Barabtarlo (Department of German and Russian Studies): “Russian/Film Studies 2865 as a WI Course”

Dr. Tony Barbis (Department of Learning, Teaching, and Curriculum): Award granted to plan, design, and initiate a much needed WI course in the major

Dr. Caroline Brock (Department of Rural Sociology): “A Study of WI Graduate Assistants and Maintaining Optimum Teacher:Student Ratio”

Dr. Sandra Crews (Trulaske College of Business): “Writing Widget Web Site”

Dr. Enos Inniss (Department of Civil Engineering): “A Distributed Writing Curriculum”

Dr. Clarence Lo (Department of Sociology): “New WI Course on Information Technology”

Dr. Flore Zephir (Department of Romance Languages): “Using Specially Trained Graduate Instructors to Keep Teacher:Student Ratio at 20:1”

2015 Writing Intensive Teaching Excellence Awardees

Lisa Bauer, Psychological Sciences
Wayne Brekhus, Sociology
Daniel Domingues, History
Rachel Harper, Writing Center
Aaron Harms, Writing Center
Peter Motavalli, Soil, Environmental & Atmospheric Science

Third Annual Win Horner Awardee

In 2012-2013, the Campus Writing Program instituted a Win Horner Award for Innovative Writing Intensive Teaching.

The 2015 award went to Miriam Golomb, Department of Biological Sciences.
Mission:
Educational Technologies at Missouri (ET@MO) advances the meaningful use of educational technologies in teaching and learning through various programs, consultations and activities. ET@MO serve the learning technologies needs of MU faculty members, staff and students.

Total Students using Blackboard

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<tbody>
<tr>
<td>Students</td>
<td>29,415</td>
<td>29,433</td>
<td>30,867</td>
<td>33,570</td>
<td>35,151</td>
<td>36,806</td>
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Increase in the number of Blackboard course sites from 2010 to 2015: 75%

Blackboard: By The Numbers

2014
- 71% of MU courses using Blackboard
- 35,151 students using Blackboard
- 262,000 student enrollment in Blackboard courses

2015
- 78% of MU courses using Blackboard
- 36,806 students using Blackboard
- 270,835 student enrollment in Blackboard courses
Educational Technologies

Teaching and Technology Trends
Over the past five years, there has been massive adoptions of multimedia and live classroom technologies in fully online, hybrid and on-campus classrooms.

- **Tegrity**, the campus supported lecture capture solution, has grown from approximately 300 course sites in 2010 to over 1,000 course sites in 2015.
- **Blackboard Collaborate**, the campus live classroom solution, has also seen rapid adoption since 2010. Last fiscal year saw a significant spike in use with a 31% increase in the number of Collaborate classrooms created.

With **Blackboard Mobile Learn** now free for Mizzou students, there has been a huge increase in use of the mobile application. Last year there were 24,830 unique faculty and students using the mobile application with Blackboard. We’ve seen continued growth and use of the application since August 2014.

### Awards

**2015 Ernest L. Boyer International Award for Excellence in Teaching, Learning and Technology**

Recipient: **Sarah Bush**, Division of Biological Sciences

For the second year in a row, and for the fourth time in the past five years, a Mizzou faculty member has won the Ernest L. Boyer Award for Excellence in Teaching, Learning, & Technology. 2015 winner Sarah Bush joins past winners Newton D’Souza (2014), Bethany Stone (2012) and Elizabeth Baker (2011).

**Excellence in Teaching with Technology Award Winners**

**MU’s** Excellence in Teaching with Technology Awards recognize excellence in the efforts of faculty, staff, teaching assistants and graduate instructors involved in using educational technologies to meaningfully improve teaching and learning at Mizzou.

- **Graduate Teaching:** **Marilyn James-Kracke**
  Medical Pharmacology & Physiology

- **Graduate Instructor/Teaching Assistant:** **Jessica Klockow**
  Chemistry

- **Undergraduate Teaching:** **Sarah Bush**
  Biological Sciences

- **Staff Support:** **Sarah Smith-Frigerio**
  Journalism
Mission:
Empowering students to engage in lifelong career development by encouraging purposeful experiences, personal reflection and exploration of career information.

Strengths Development and Education

5,000
MU faculty, staff and students

took the StrengthsQuest assessment and received personalized feedback about their results in 2014-2015.

Drop-In Services

In 2014-2015, for the third year in a row, nearly

8,000
visitors came to the MU Career Center.

HireMizzouTigers

17,198 undergraduates

were active on HireMizzouTigers, meaning that nearly half of all enrolled students have completed a profile on the site.

Outreach and Collaboration

In 2014-15, the Career Center received requests for 210 general career topic presentations and 90 StrengthsQuest assessment presentations on campus.
In addition, the Career Center received more than 290 requests for class assignments, which was a 13% increase from the previous year.
Student Employment

Campus Augmenting Student Hires (CASH) Program

The CASH Program supports student employment by reimbursing campus departments that hire students in part-time positions paid with general operating funds.

During 2014-2015 the Career Center collaborated with 84 offices on the Mizzou campus and distributed the full $400,000 fund to a total of 523 students hires.

15% more students and 16% more departments participated in the CASH Program during the 2014-15 academic year.

Peace Corps

32 applications during the 2014-2015 academic year.

Mizzou is the top school to produce volunteers in the state of Missouri and one of the top 10 schools in the Midwest Region.

A Way With Words & Numbers

AWWWN is a community-based program that teams undergraduate students with local children to improve their struggling literacy and mathematics skills.

250 MU students provide tutoring in all 21 elementary public schools, 9 Adventure Club sites, two middle schools and 3 community sites in Columbia.

Jumpstart

Jumpstart matches college students with at-risk preschool children to deliver a research proven curriculum that closes the achievement gap and ensures all children are prepared for school success.
Mission:
From dynamic and intriguing topics in courses to student research that is published, the Honors College is working with students and faculty to create exceptional opportunities to advance the education of all honors students.

Students by the Numbers - Fall 2014

3,176
Total Honors Students

including

801
Incoming Honors Students

506
First Generation Honors Students

441
Underrepresented Minority Honors Students

Study Abroad
Programs Designated for Specific Honors College Credit

The Honors College currently has 45 affiliated programs

Honors Humanities Series-2
Honors Science Series-1
Honors Social & Behavioral Sciences Series-29
College of Nursing and
Public Health Professions- 5
College of Engineering-1
School of Journalism-3
CAFNR- 3
College of Business-1

MedOpp
The Medopp Advising Office provides pre-professional advising for ALL pre-med, pre-dental, pre-optometry, and pre-podiatry students at MU.

The office assists approximately 2,000 students each year

The total number of incoming pre-med students in 2014-15, was approximately 700. The number of incoming pre-med undergraduate students represents an increase of more than 50 percent since 2007.
Honors College

Discovery Fellows Program

In its 14th year, the Discovery Fellows Program gives students the opportunity to work with a faculty member on a research project or other scholarly activity appropriate to their major over the course of one academic year.

This program aims to recruit high-ability students to MU by providing the option to participate in a paid research experience as a first-year/second-year student, or to continue with research started during freshman year.

2014-15 first-year Discovery Fellows: 39
2014-15 second-year Discovery Fellows: 21

Show-Me-Scholars Program

Launched in November 2013, the Show-Me Scholars program is designed to recruit to Mizzou the highest achieving Missouri high school students each year.

56 scholars for the 2014-15 year

This program successfully recruits the state’s best students in collaboration with MU’s academic units. The goal is to create a highly selective and cohesive program that capitalizes on the strengths and opportunities available at MU and within Missouri.

Awards

Honor Students Awards and Fellowships

Boren Scholarship: Teddi Moorman
Critical Language Scholarships: Kate Hargis, Ida Sophie Winter
Fulbright Scholarships: Pari Jafari, Emily Voss
Fulbright English Teaching Assistantships: Margaret Cleveland, Austin Sanders, John H. Tenny
Goldwater Scholarship: Emily Cheng, Brendan Marsh
Mark Twain Fellowship: Jessica Anania
National Science Foundation Scholarship: Channell Washington, Tom Laughlin, Josh Russell
Truman Scholarship: Emily Waggoner
**Mission:**
The fundamental purpose of the Fellowships Office is to identify high-ability and high-achieving students and to assist them in developing their potential as candidates for nationally-competitive fellowships and scholarships. Through the application process students will develop effective communication skills in building and presenting persuasive arguments. In addition, they will gain insight into their aspirations and their prospects for future achievement.

**Fellowship Applications and Selections**

<table>
<thead>
<tr>
<th>Year</th>
<th>2011-12</th>
<th>2012-13</th>
<th>2013-14</th>
<th>2014-15</th>
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<tbody>
<tr>
<td>Applications</td>
<td>68</td>
<td>94</td>
<td>92</td>
<td>110</td>
</tr>
<tr>
<td>Selections</td>
<td>15</td>
<td>12</td>
<td>20</td>
<td>23</td>
</tr>
</tbody>
</table>

**Chosen for Selected Fellowships in 2014-15**

- **Fulbright Scholarship:** Pari Jafari, Christine Coester, Emily Voss, Austin Sanders, Margaret Cleveland and John Tenny
- **Barry M. Goldwater Scholarship:** Emily Cheng and Brendan Marsh (Honorable mention- Kevin Bird and Ethan Zars)
- **David L. Boren National Security Scholarship:** Teddi Moorman
- **National Science Foundation Graduate Research Fellowship:** Kayla Henderson, Channell Washington, Josh Russell, Tom Laughlin and Betsabe Castro Escobar

**Harry S. Truman Scholar**
Emily Waggoner
MU Connect

Mission:
MU Connect supports student success and engagement through a computer application that allows for proactively addressing academic concerns and providing positive feedback, while also enhancing advising and communication across campus departments and support services.

Connect Implementation
All undergraduate academic schools and colleges at Mizzou are currently using the system for all academic advising and career center appointments. Colleges that have study abroad, internships and other student services are also using the online scheduling tool.

In addition to the academic units the following areas completed Connect implementation during the 2014-2015 year:

Fall 2014: Student Financial Aid, Residential Life, Athletics, Learning Center, Writing Center, Cashiers, Registrar, New Student Programs- Involvement Ambassadors and Truman School Public Affairs
Spring 2015: Financial Aid- SAP, Disability Center, Mizzou Online, Veteran’s Center and Masters of Public Health

MU Connect Data
for the 2014-15 Academic Year

8,963 total flags or kudos raised by instructors

99,263 appointments were scheduled through MU Connect

70% of all appointments were initiated by a student

81% of undergraduates had at least one appointment
Mission: Learning Center

Through peer and professional instruction, the Learning Center influences students’ satisfaction with their educational and interpersonal experiences at MU. The mission is to enhance students’ academic performance, deepen their satisfaction with their academic experiences and increase the retention and graduation rates of students who participate.

2014-15 Overview

In 2014-2015, more than 9,000 students used the Learning Center, and these students were more likely to return to MU the following year than students who did not use the services.

Number of Students by Subject Area

The Learning Center had 56,574 student contacts with more than 9,400 individuals participating in at least one Learning Center activity (open sessions, exam reviews, recurring tutoring appointments, writing appointments, etc.).

The Learning Center offers open help sessions and exam reviews for multiple courses in accountancy, biology, chemistry, math, physics, French, Spanish, statistics, and economics. These services are available to all undergraduates.
The Writing Center offers face-to-face and electronic writing assistance for all students for any writing assignment, from academic essays to personal statements, scholarship applications, literature reviews, creative projects, annotated bibliographies and even lab reports.

Because of the growth in online education, the Writing Center provides support continuously throughout the calendar year via the Online Writery.

**Awards**

2015 William T. Kemper Fellowship For Teaching Excellence recipient: Dr. Rachel Harper

2014-15 Writing Center Award For Teaching Composition recipient: Johanna Saleska

2015 Writing Intensive Teaching Excellence Award recipients: Writing Center directors: Dr. Rachel Harper and Aaron Harms

2014-15 Bonnie Zelenak Excellence in Tutoring Award recipients: Jen Para and Joy Han
Mission:
To provide services to the campus that promotes, facilitates and monitors the retention, persistence and graduation of underrepresented ethnic students.

Spring Semester 2015
Completed a total of 209 individualized student success plans for undergraduate students to support success and persistence.

Summer Transition Program
The Summer Transition Program (STP) offers first-year, first-time college students the opportunity to earn general education course credit, gain a residential living experience and access to campus resources to achieve success during their 8-week academic learning community summer session.

Provides 35 first-time, first-year college students with an opportunity to earn a scholarship.

New Student Early Registration and Mailing Project
The new student early registration mailing project is designed as an effort to connect with newly admitted incoming first year students, parents and transfer students to provide information about ARS, Summer Welcome and co-enrollment.

Prepared over 3,000 letters to be mailed.

MAP Navigation Program
The ARS MAP Navigation Program, like a map, is designed to guide first and second year students through an undergraduate experience that will assist the students in navigating new terrain from the time they enter MU until the time they graduate.

ARS Workshop Series
Workshops are provided to help students develop behaviors that foster success within and outside of the classroom.

Total first and second year workshop attendance – 261
**Mission:**
Academic Exploration and Advising Service’s (AEAS) mission is to work collaboratively with students to help them develop and accomplish academic and life goals. Advisers and students work together to find a fit between the student’s interests and abilities and what the university has to offer.

**Appointments**
From June 1, 2014 – May 31, 2015, AEAS had **8,015** appointments with **3,432** unique students.

The top four reasons for student appointments were:
General advising (3,705), Registration planning (1,638), Add/drop/withdraw (587), Major/career exploration (549)

**AEAS By The Numbers - Students assigned to AEAS Advisers**

<table>
<thead>
<tr>
<th>Student Major</th>
<th>Fall 2014</th>
<th>Spring 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undeclared</td>
<td>1016</td>
<td>719</td>
</tr>
<tr>
<td>Pre-Journalism</td>
<td>1013</td>
<td>738</td>
</tr>
<tr>
<td>Pre-Communication</td>
<td>260</td>
<td>256</td>
</tr>
<tr>
<td>A&amp;S Majors</td>
<td>1043</td>
<td>1225</td>
</tr>
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</table>

Legend:
- Fall 2014
- Spring 2015
Service Learning

Mission:
The goal of service-learning is simple—what students learn in the classroom is applied in the community to create engaged and effective servers, and conversely, student activities in the community are integrated into the classroom to transform and enrich learning.

During the 2014-2015 academic year, 4,395 students enrolled in service-learning courses at MU, serving with more than 290 community partners and 156 government offices.

In the last 10 years, service to the community has increased by 87% to 208,727 community service hours in 2015.

Civic Leaders Internship Program

State Internships: During the Spring 2015 legislative session MU placed 77 interns in legislative, statewide elected and other government offices.

Congressional Internships: During the Summer 2015 semester, MU had eight internships with the Missouri Congressional delegation in Washington, D.C.

Global Service Program:

This year 89 students participated in global service projects and internships in Ghana, Ireland, South Africa, Ecuador, South Korea and Costa Rica.

Awards

National Awards:
The President’s Award for Higher Education and Community Service, With Distinction–2014
Carnegie Foundation Campus Award for Curricular Engagement and Community Outreach–2014