Undergraduate Research Scholarships, Fellowships, Grants & Awards at OSU

Research Awards for Molecular Genetics Students

The Jim Hopper Memorial Undergraduate Research Award

This award was established in memory of Dr. Jim Hopper who was a Professor of Molecular Genetics. Jim’s primary research interests were to understand how cells respond to environmental signals by regulating transcriptional switches, using gain-of-function or loss-of-function transgenic in the yeast Saccharomyces cerevisiae. Jim’s work contributed greatly to our understanding of how post-translational mechanisms regulate genetic switches. The studies, funded by the NIH for over 30 years, resulted in >50 publications in prominent journals.

The Jim Hopper Memorial Undergraduate Research Award supports undergraduate research for OSU Molecular Genetics majors. The Memorial Fund was made possible by contributions from colleagues, friends, and family of Jim Hopper in his memory and continued support for undergraduates to engage in independent research. Thus, the Jim Hopper Memorial Research Award is for OSU undergraduates who want to help cure cancer. Cancer is a complex disease and curing it will take a multidisciplinary effort. So, no matter what the field of study, from traditional scientific fields to fields like engineering, history and business, all OSU undergraduates may apply. Undergraduate fellowships are paid a $3,000 annual stipend to work on their mentored independent research project. During the summer, they are expected to put full-time effort into their projects, and during the academic year, part-time effort.[9] Be eligible, an applicant must: (1) be an outstanding Ohio State undergraduate student; (2) Propose a mentored cancer-related project; (3) Be willing to participate in Pittsburgh. Apply: [URL] More information about the program and application process can be found at: [URL]

Undergraduate Researcher Apprentice Program – "URAP"

This program is sponsored by the Undergraduate Research Office. It supports new undergraduate research investigators who have not previously received funding for their research.

- **Overview:** Summer term support. Requires personal statement, project description and timeline, project budget, OSU advising report.
- **Eligibility:** Full-time student for both Spring and Autumn semesters; has OSU faculty advisor who is responsible for overseeing research. Personal statement and research project description required. Support letter from mentor required. Awarded to participants in an OSU-funded sponsored event.
- **Benefits:** Stipend of $9,500 for up to 7 weeks of research for 10 weeks. Applications due Feb. 2020. Link: [URL]

The Thomas J Byers Memorial Scholarship Fund

The Thomas J Byers Memorial Scholarship Fund was established June 1, 2007 with gifts from family, friends, and colleagues in memory of Dr. Thomas J. Byers. The fund is used to provide scholarship support for undergraduate students performing research in the Department of Molecular Genetics with the goal of pursuing a PhD degree in the life sciences. The Byers Scholarship supports research projects. Awarded funds can only be used toward tuition during semesters of enrollment (typically AU and SP).

The application process is described at: [URL]. Applicants can find application forms and the deadline will be on Feb. 24, 2020. Link to apply: [URL]

Undergraduate Scholarships, Fellowships, Grants & Awards at OSU

Undergraduate Student Pelotonia Fellowship Program

The Pelotonia Fellowship Program provides one-year research fellowships to the best and brightest OSU undergraduate students who want to help cure cancer. Cancer is a complex disease and curing it will take a multidisciplinary effort. So, no matter what the field of study, from traditional scientific fields to fields like engineering, history and business, all OSU undergraduates may apply. Undergraduate fellowships are paid a $3,000 annual stipend to work on their mentored independent research project. During the summer, they are expected to put full-time effort into their projects, and during the academic year, part-time effort. [9] Be eligible, an applicant must: (1) be an outstanding Ohio State undergraduate student; (2) Propose a mentored cancer-related project; (3) Be willing to participate in Pelotonia. Apply: [URL]

Research Experience for Undergraduate Programs (REU)

This program is sponsored by the departments of Molecular Genetics and Microbiology and the Office of Undergraduate Research at the Ohio State University and is funded by the National Science Foundation. The REU program provides a cohesive undergraduate summer research experience, focusing on the use of model organisms and molecular biology techniques to address fundamental questions in biology while preparing students for successful graduate study in molecular life sciences. Link: [URL]

OSU Arts and Sciences Research Programs

Arts and Sciences Natural & Mathematical Sciences Majors – Mewers Summer Research Scholarship

This program is sponsored by the Undergraduate Research and Creative Inquiry Office. It supports new Arts and Sciences undergraduate researchers who have not previously received funding for research.

- **Overview:** Summer term support. Requires personal statement, project description and timeline, project budget, OSU advising report.
- **Eligibility:** Full-time student for both Spring and Autumn semesters; has OSU faculty advisor who is responsible for overseeing research. Requires a project proposal and recommendation from the advisor.
- **Benefits:** Stipend maximum of $4,000. Applications due Feb. 2020. Link to apply: [URL]

Scholarships & Grants for Honor and Scholar Students

OSU Center for RNA Biology Scholarships

The OSU Center for RNA Biology (CRB) offers two different funds for undergraduate research. The Daniel Schoenberg RNA undergraduate research fellowship and the CRB Summer Undergraduate Program. Both funds are available to Ohio State University undergraduate students conducting research in laboratories of CRB faculty members. Fellowships and stipends for these funds are awarded to students in their junior or senior year who are conducting RNA research and intend to enter postgraduate PhD programs. Applications for the Daniel Schoenberg fellowship will be due in May 2020, and requires a research description, a personal statement, and 3 letters of recommendation. Applications for the CRB Summer Undergraduate Program will be due Feb. 2000. Link: [URL] and [URL]

Further Information

Office of Undergraduate Research and Creative Inquiry
[URL]

The Office of Student Academic Success - Undergraduate Research & Creative Inquiry strives to nurture and support mentored research pursuits of all undergraduate students to proactively transform and enrich their academic experience by providing inclusive and innovative research engagement opportunities and fostering collaborative partnerships in the world beyond the classroom.