

Today's Agenda

- ▶ Your Honors Facilitator presents:

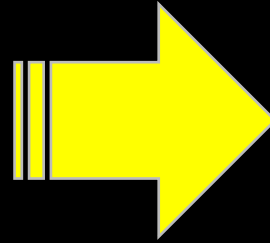
Honors Learning Experiences

- **Honors Research**





Honors Contracts

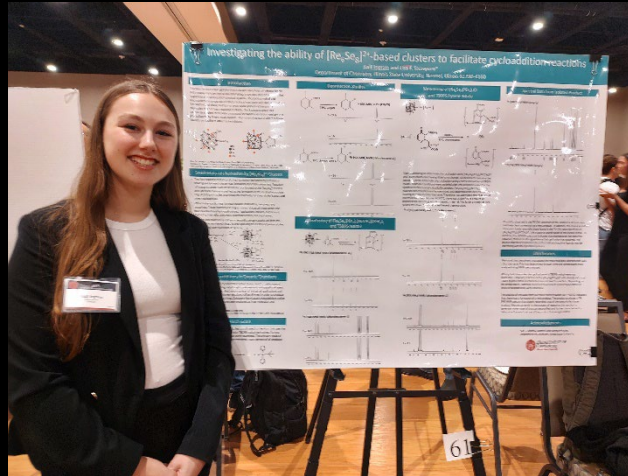


Honors Research

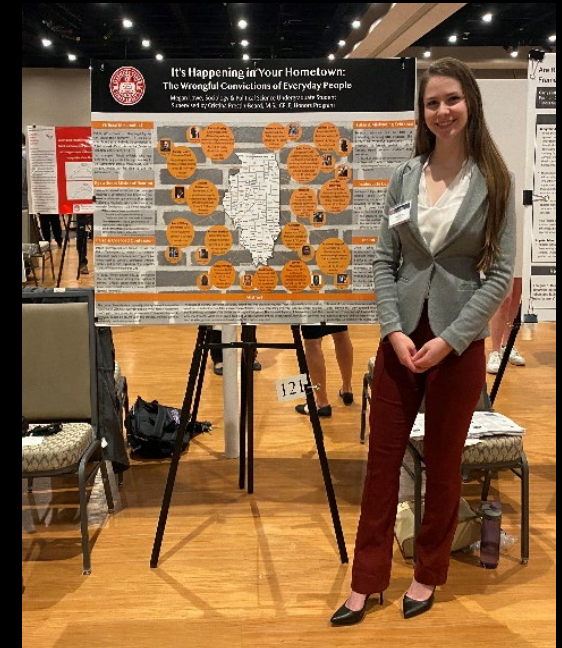
A meaningful Honors Contract
experience might set the foundation for
future Honors Research.



Honors Research



$$\begin{aligned} R_n &= \int_{R_n} \frac{\partial}{\partial \theta} \ln f(x, \theta) dx = \int_{R_n} \frac{\partial}{\partial \theta} \ln f(x, \theta) dx \\ \frac{\partial}{\partial a} \ln f_{a, \sigma^2}(\xi_1) &= \frac{(\xi_1 - a)}{\sigma^2} f_{a, \sigma^2}(\xi_1) = \frac{1}{\sqrt{2\pi\sigma^2}} \exp\left(-\frac{(\xi_1 - a)^2}{2\sigma^2}\right) \\ \int_{R_n} T(x) \cdot \frac{\partial}{\partial \theta} f(x, \theta) dx &= M\left(T(\xi) \cdot \frac{\partial}{\partial \theta} \ln L(\xi, \theta)\right) \\ \int_{R_n} T(x) \cdot \left(\frac{\partial}{\partial \theta} \ln L(x, \theta)\right) \cdot f(x, \theta) dx &= \int_{R_n} T(x) \cdot \left(\frac{\partial}{\partial \theta} \ln f(x, \theta)\right) \cdot f(x, \theta) dx \\ \frac{\partial}{\partial \theta} \ln L(\xi, \theta) &= \frac{\partial}{\partial \theta} \ln f(\xi, \theta) \end{aligned}$$





Research





Honors Research

- ▶ 3 types of Honors Research
 - HON 285/286: Honors Undergraduate Research
 - XXX 299: Honors Independent Study
 - HON 395aXX: Honors Thesis



HONORS LEARNING *Experiences*: Honors Research

HONORS UNDERGRADUATE RESEARCH: HON 285/286	HONORS INDEPENDENT STUDY: XXX 299	HONORS THESIS: HON 395AXX
<i>Goal</i> Students gain experience in research methodology and benefit from one-on-one interaction with faculty or as part of a research team.	<i>Goal</i> Students investigate a topic of personal interest within their discipline under the guidance of a faculty member (Faculty Supervisor).	<i>Goal</i> Students benefit from an independent research project in preparation for graduate-level study or publication.
<i>Opportunity</i> <ul style="list-style-type: none">▶ A means by which Honors students can pursue credit-generating, advanced Honors study by participating in an ongoing faculty research project.▶ Can be completed with a faculty member in any Department/School; most common in Psychology.	<i>Opportunity</i> <ul style="list-style-type: none">▶ A means by which Honors students can pursue credit-generating, advanced Honors study within any major.▶ Can be completed through any Department/School; most common in BSC and CHE.	<i>Opportunity</i> <ul style="list-style-type: none">▶ A means by which Honors students can engage in a credit-generating, intensive research project culminating in a written thesis with an oral defense.▶ The XX refers to the Department/School.
<i>Details</i> <ul style="list-style-type: none">✓ Students can register for 1 – 6 hours of HON 285; each credit hour is equivalent to an average of 3 hours of work per week over the course of the semester (for a total of 45 hours of work per credit hour).✓ After completing HON 285, a student can register for 1 – 6 hours of HON 286; each credit hour is equivalent to an average of 3 hours of work per week over the course of the semester (for a total of 45 hours of work per credit hour).✓ HON 286 may be a continuation of the HON 285 experience or focus on an entirely new research opportunity.✓ Students are assigned letter grades by the Faculty Supervisor.✓ At the end of the semester, students are responsible for submitting a form with a reflection on their Honors Undergraduate Research experience.	<i>Details</i> <ul style="list-style-type: none">✓ In some cases, an exceptional Honors Contract may be the <i>inspiration</i> for a future Honors Independent Study.✓ Students can choose to register for 1 – 6 hours of 299; each credit hour is equivalent to an average of 3 hours of work per week over the course of the semester (for a total of 45 hours of work per credit hour).✓ Culminating products reflect the norms of the discipline and are assigned letter grades by the Faculty Supervisor.✓ At the end of the semester, students are responsible for submitting a form with a reflection on their Honors Independent Study experience.	<i>Details</i> <ul style="list-style-type: none">✓ Students can register for 1 – 6 hours of HON 395AXX; each credit hour is equivalent to an average 3 hours of work per week over the course of the semester (for a total of 45 hours of work per credit hour).✓ Culminating products reflect the norms of the discipline and are assigned letter grades by the Faculty Supervisor.✓ At the end of the semester, students are responsible for submitting a form with a reflection on their Honors Thesis experience.

Each Honors Research Experience is credit-generating and results in earning a letter grade. Students register for the appropriate class and are charged tuition accordingly.



Honors Research Process

Research

Additional credit hours you register and pay for

Establish during registration OR at the beginning of the semester

Submit a form to receive permission to register

1 credit hour = 3 hours/week; 45 hours total

Earn a grade

Typically major related

Stuart Palmer is the contact for Research.



Honors Research

Honors Website

- 3 types of Honors Research
- Examples of research in almost all departments/schools
- Expectations for hours of work per week
- Link to tuition and fees calculator

Research Opportunities

Honors Undergraduate Research >

Gain experience in research methodology and benefit from one-on-one interaction with faculty.

Honors Independent Study >

Investigate a topic of personal interest within your discipline under the guidance of a faculty member.

Honors Thesis >

Construct an independent research project in preparation for graduate-level study or publication.



Honors Research

Registration Process

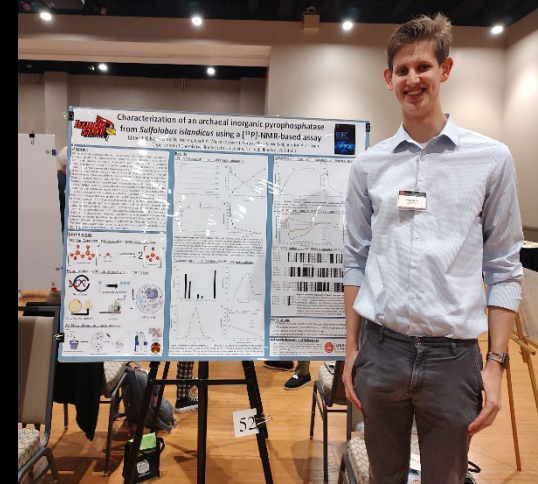
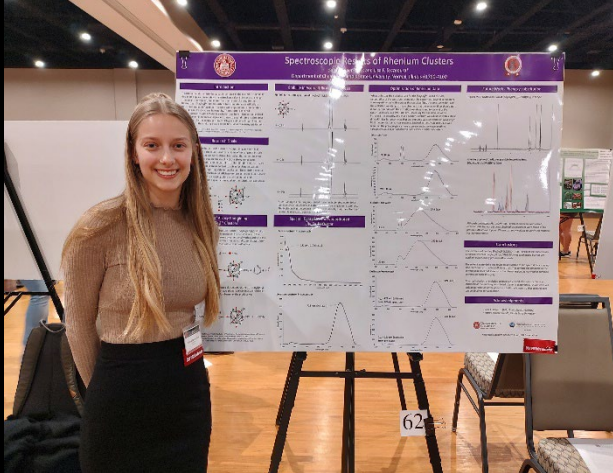
- Meet with faculty supervisor to develop a plan.
- Submit the appropriate Honors Research form by the deadline.
- The Honors Program reviews for clarity and completeness.
- Register for the appropriate credit hours after notification of the override.

ONE DOES NOT SIMPLY

**REGISTER FOR
HONORS RESEARCH**

Share Your Scholarly Work

- ▶ University Research Symposium
 - ▶ Department/School Research Symposiums
 - ▶ Discipline specific conferences
- Apply for funding from the Honors Program



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