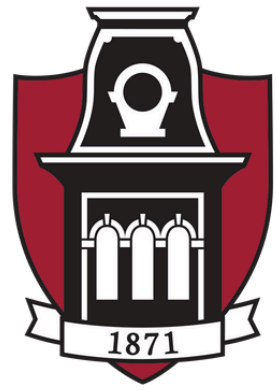


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# STUDENT UNDERGRADUATE RESEARCH FELLOWSHIP



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### SURF Residency Requirements:

- U.S. Citizens, resident aliens, or nationals

### Honors College Research Grant (HCRG) and Office of Undergraduate Research Grant (OURG) Residency Requirements:

- Anyone including international students



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Eligibility Requirements

SURF

HCRG

OURG

GPA	3.25	3.5*	3.5
Credits	30	30	30
Honors Credits		6	

\*required GPA may be different for some WCOB and FJAD students,  
check with your Honors Program or Dr. Jennie Popp



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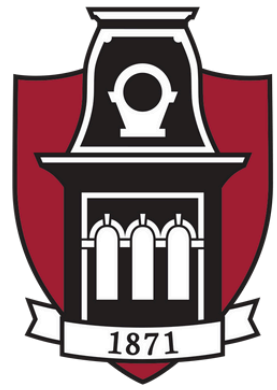
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Credit load requirements during funding period:

	SURF	HCRG	OURG
Spring	12	12*	12*
Summer	6	6*	6*
Fall	12	12*	12*

\*Exceptions made for graduating Seniors





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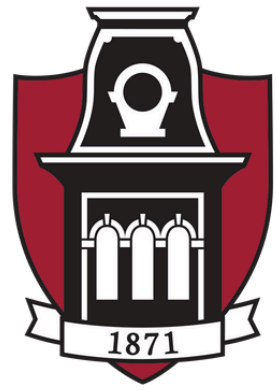
## SURF Registration

Registration can be found on our website at [awards.uark.edu/surf](https://awards.uark.edu/surf)

\*QR Code at the end\*

[Register Here](#)

- You and your mentor will receive emails with SURF Information once you submit your registration.
- You will receive a link to download all SURF Documentation needed to apply
- This also allows us to keep you updated with important information and changes




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## SURF InfoReady Application

Make certain you are using your  
personal UARK login information

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InfoReady Review

HOME ▾ CALENDAR

Login for University of Arkansas  
Users

Use your University of Arkansas user name and password to  
log into InfoReady Review.

University of Arkansas Login



# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### Reference Letters

You are required to have three reference letters for this competition, or two if you are an international student or applying for HCRG. One letter must come from your research mentor, and the remaining letters must be from UA faculty or non-UA faculty who have taught you in a course or supervised your research. These must be academic letters from professors or instructors who know you through coursework or research; they should not come from graduate students, employers, professional contacts, or serve as personal or character references. Please list your research mentor as "Reference Letter Email Address 1." Once submitted, you will not be able to view your letters. When you submit your application, or click "Send Letter Request" on a saved draft, your letter writers will automatically receive an email with a unique link to upload their letter. DO NOT change the email and instructions for letter writers that appears below.

Reference Letter Writer Email #1 \*

Reference Letter Writer Email #2 \*

Reference Letter Writer Email #3

**Mentor** - Letter Writer #1

Letter Writer #2

Letter Writer #3

Save as Draft

Send Reference Letter Request



# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### SURF Cover Page

- This is an ADHE form
- Can be physically or digitally signed

SURF COVERPAGE

☐ Check this box to be considered for the Mahlon Martin Fellowship. I certify that I am African-American.

1. Name of Student \_\_\_\_\_

2. ID Number: N/A

3. Eligibility of Student ☐ U.S. Citizen ☐ Permanent Resident Alien

4. Name of Faculty Mentor \_\_\_\_\_

5. Name of Applicant's Institution \_\_\_\_\_

6. Permanent Mailing Address and Telephone Number for:  
Student \_\_\_\_\_ Mentor \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
( ) \_\_\_\_\_ ( ) \_\_\_\_\_

7. Email address \_\_\_\_\_ Email address \_\_\_\_\_

8. Title of Project \_\_\_\_\_

9. Academic Department \_\_\_\_\_

10. Degree Sought \_\_\_\_\_

11. SURF Budget (Complete SURF Budget Justification Form & attach to application) Budget Categories Enter amount below

Student Stipend (cannot exceed \$1,250)	1250
Mentor Cost (cannot exceed \$750)	750
Student Travel Cost (cannot exceed \$750)	750
Total SURF Grant applied for by Student & Mentor (cannot exceed \$2,750)	2750
Institutional Match (cannot exceed \$1,250)	1250
Total SURF Project Costs (cannot exceed \$4,000)	4000

*Signatures of authorizing official and mentor denote that these individuals understand the guidelines for this program and that the institution agrees to provide or obtain half the student's stipend. In addition to existing university funds, federal and state government, nonprofit agencies, private corporations, individual citizens, etc., are sources that can be accessed for the match requirement.*

\_\_\_\_\_  
Mentor Signature

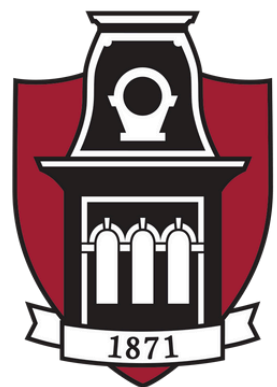
\_\_\_\_\_  
Authorizing Institutional Official

Dept \_\_\_\_\_ Title \_\_\_\_\_

Date \_\_\_\_\_ Date \_\_\_\_\_

2024-25





# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### SURF Student Stipend Agreement

- This is a UARK form
- Every applicant fills this out
- SURF funds you as a researcher, but you may want to use some funds to supplement your research expenses
- Can be physically or digitally signed

#### SURF Student Stipend Agreement

I, \_\_\_\_\_, understand that a portion of Student Undergraduate Research Fellowship (SURF) funding comes in the form of a student stipend. This stipend is either \$1,250 (spring only funding) or \$2,500 (spring/summer; spring/summer/fall; spring/fall funding), and it is paid directly to me, the student. The student stipend is meant to supplement my income during the research period, and I am not required to spend any portion of it to support my SURF-funded project.

If I am using my student stipend solely as a living stipend, I will indicate that I am spending zero dollars below. If I have agreed with my mentor to use a portion of my student stipend to support my research project, the arranged costs will be listed below:

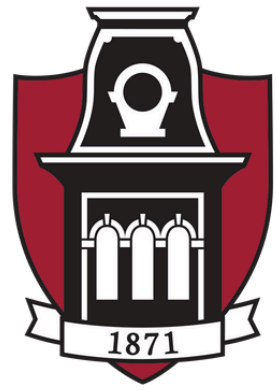
Amount to be spent	Description of expenditure

Both my faculty mentor and I have agreed upon the use of my student stipend, as is indicated below.

\_\_\_\_\_  
(typed student name)  
\_\_\_\_\_  
(student signature)  
\_\_\_\_\_  
(date)

\_\_\_\_\_  
(typed faculty mentor name)  
\_\_\_\_\_  
(faculty mentor signature)  
\_\_\_\_\_  
(date)

This form must be submitted with my SURF application.



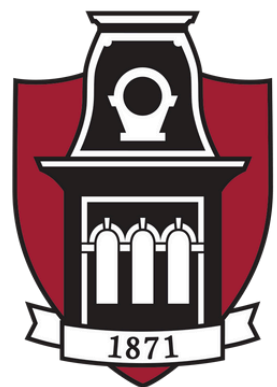
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## Office of Nationally Competitive Awards

Don't do this







# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### Academic Resume

- **Two pages**
- Sections are adjustable but you should begin with education then any research experience

#### Sample Student Résumé

##### Alex Morgan

Fayetteville, AR • (479) 555-2841 • alex.morgan@uark.edu  
LinkedIn: linkedin.com/in/alex-morgan • U.S. Citizen

##### Education

###### University of Arkansas – Fayetteville, AR

Honors Bachelor of Science in Biochemistry • Minor: Public Health  
Expected May 2026 | GPA: 3.82 | Completed Credit Hours: 76  
Honors College Student • Full-time enrollment  
Florence University of the Arts – Florence, Italy  
Summer 2024 | Biomedical Ethics course (3 hrs. credit)

##### Research Experience

###### Undergraduate Honors Thesis Research – Department of Biological Sciences

University of Arkansas • August 2024 – Present

- Investigating molecular pathways of oxidative stress in yeast as a model for human neurodegenerative disease
- Performing PCR, Western blotting, and fluorescence microscopy
- Preparing for presentation at Honors Research Symposium (Spring 2025)

###### Arkansas Children's Hospital Research Institute – Summer Fellowship

Little Rock, AR • June – August 2023

- Studied genetic markers associated with pediatric asthma outcomes
- Conducted RNA extraction, qPCR, and statistical data analysis using R
- Co-authored poster presented at the Arkansas INBRE Conference (Nov. 2023)

###### Energy Innovation Project – Honors Engineering Symposium

University of Arkansas • August 2022 – April 2023

- Collaborated with interdisciplinary team to prototype a battery converting kinetic to electrical energy
- Led market research interviews and competitive analysis
- Presented findings at Honors Engineering Symposium

##### Clinical & Shadowing Experience

###### Physician Shadowing – Pat Walker Health Center

Fayetteville, AR • January – May 2023 (50+ hours)

- Observed patient interactions in general primary care
- Exposure to diagnostic procedures and minor outpatient treatments

###### Clinical Shadowing – Dermatology & Surgery

Shreveport, LA • Summer 2022 (30 hours)

- Observed Mohs surgery, cardiothoracic procedures, and dermatological exams

#### Sample Student Résumé

##### Awards & Scholarships

- Chancellor's Service Award – May 2024 (100+ volunteer hours)
- Sophomore Advantage Scholarship – \$3,000/year (2022–present)
- Arkansas Academic Challenge Scholarship – \$3,500/year (2021–present)
- Silas Hunt Scholarship – \$5,000/year (2021–present)
- Dean's List – Fall 2022, Spring 2023, Fall 2024

##### Leadership & Outreach

###### STEM Outreach Camp Instructor – Biomedical Summer Research Camp

University of Arkansas • July 2023

- Taught ~20 middle school students science concepts using hands-on activities
- Assisted with dental molds, microbiology labs, and brain dissections

###### Guest Speaker – Celebrating Discovery Program

Prairie Grove High School • April 2022

- Presented to junior/senior classes about the transition to college and research opportunities

##### Volunteer Experience

###### Full Circle Food Pantry – UARK Foundation

Fayetteville, AR • 2022–present

- Weekly volunteer supporting order intake, inventory, and customer distribution

###### TheatreSquared

Fayetteville, AR • 2021–2022

- Assisted guests with seating, distributed programs, and greeted patrons

##### Skills

- **Laboratory:** PCR, qPCR, RNA/DNA extraction, Western blotting, gel electrophoresis, fluorescence microscopy
- **Software:** R, Python, Excel, Tableau
- **Languages:** Conversational Spanish
- **Other:** Strong communication, presentation, and teamwork skills



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### Project Summary.

- **One page**
- Think of this as a scholarly abstract
- Can be either single- or double-spaced
- Be sure to include: project title, student name, mentor name, school, classification, area of study, and GPA

#### PROJECT SUMMARY

**Title**                      Synthesis and Structural Analysis of Acylated Antimicrobial Lactoferricin Peptides by NMR Spectroscopy

**Student Name**

**Mentor Name**

**School**                      University of Arkansas, Fayetteville

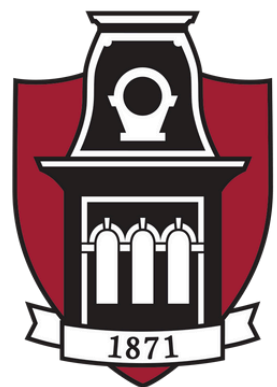
**Classification**              Junior

**Area of Study**              Biochemistry

**Grade point average**

The goal of this research project is to study the structure of various lactoferricin analogues to determine which ones demonstrate the greatest amount of antimicrobial activity while remaining stable at the cell membrane interface. Lactoferricin is a peptide that inserts into the cell membrane of microbes, disrupting the membrane structure and ultimately leading to the rupture of the cell. The mechanism for this process is unknown, however, and it is difficult to consistently insert the peptide in the same orientation relative to the membrane. Not all orientations of the peptide exhibit an equal amount of antimicrobial activity, so it is important to devise a method for inserting the peptide in the orientation that produces the greatest antimicrobial effect. Fatty acid chains can be used to accomplish this because they readily embed in membrane bilayers, and when added to the end of the peptide these chains have a stabilizing effect. The focus of this project will be on finding the fatty acid chain with the greatest stabilizing effect on the peptide. The results can then be practically applied in the synthesis of new antimicrobial agents which can take the place of ineffective antibiotics in the treatment of certain diseases.





# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### Synthesis and Structural Analysis of Acylated Antimicrobial Lactoferricin Peptides by Nuclear Magnetic Resonance Spectroscopy

#### Introduction

The resistance of microbes to antibiotic treatment has become one of the most significant problems facing scientists in recent years, and has led to an increased need to develop alternative methods of combating microbes. Scientists have found that certain proteins possess antimicrobial properties that would be useful in the development of such alternative treatments. One such protein is lactoferrin, an iron-binding protein found in the milk of cows and humans (Cavestro 2002). Analysis of lactoferrin has revealed that its antimicrobial properties come from a 25-amino acid sequence within the protein. The antimicrobial activity of the 25-residue peptide, called lactoferricin, has been further determined to stem from a six residue (or hexapeptide) sequence containing two amphipathic tryptophan (Trp) and three positively-charged arginine (Arg) residues (Schibli 1999).

The protein is thought to act on the microbe by embedding in and disrupting its cell membrane. Microbial cell membranes are composed of a negatively-charged phospholipid bilayer. This negative charge attracts the positively-charged arginine residues in the hexapeptide, and once the membrane and the peptide are in close proximity, the structure of the tryptophan allows it to embed within the bilayer at the surface of the membrane. These added tryptophans disrupt the bilayer and cause the membrane to rupture, killing the cell. The exact mechanism for this process is unknown. The problem with this method is that the tryptophan does not always embed in the membrane properly. If the tryptophan does not embed with the correct orientation, its ability to disrupt the membrane bilayer is affected. To solve this problem, a fatty acid

chain can be added to the end of the hexapeptide. This chain readily inserts into the membrane, stabilizing the rest of the hexapeptide and causing the tryptophan to embed in the proper orientation.

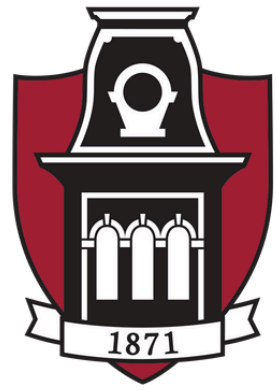
This project will explore the effectiveness of various fatty acid chains at stabilizing the orientation of the tryptophan within the membrane. The hexapeptide will be synthesized using four fatty acid chains of varying lengths: six (hexanoic acid), eight (octanoic acid), ten (decanoic acid), and twelve (dodecanoic acid) carbons. If the experiment is successful in identifying a fatty acid chain that stabilizes the tryptophan within the membrane, then the results can be used to better understand the mechanism by which the tryptophan causes the membrane to rupture. A proper understanding of this mechanism could lead to the development of new antimicrobial peptides that operate using a similar mechanism. The creation of such peptides would provide a practical alternative for fighting microbes that have developed resistance to traditional antibiotics.

#### Experimental Methods

**Fmoc addition to 1-MeTrp:** In order to allow for unhindered synthesis of the hexapeptide, an Fmoc group will be added to one of the Trp residues to prevent unwanted side reactions for occurring during peptide synthesis. The Fmoc group will be added by dissolving Fmoc-protected succinamide and 1-methyl-L-Trp in dimethoxyethane solvent. The product will be extracted by filtration, then dried on a rotovap machine, washed with methyl-*t*-butyl ether, and dried on a vacuum line. The product will then be dissolved in ethyl acetate and allowed to crystallize. The crystalline product will be pure Fmoc-1-methyl-Trp, which will be protected well enough to be used in the hexapeptide synthesis.

## Research Proposal

- **Five pages**
- What is one thing successful proposals have in common?
- Successful applicants typically cite at least five peer-reviewed, outside sources in their research proposals



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## SURF Research Proposal - Content

- Address the feasibility of the project (i.e., is the project reasonable for you to pursue with the available facilities?)
- Answer the question: Is the project of sufficient difficulty to challenge you?
- Answer the question: Will the project teach you skills that are transferable to other research endeavors/scholarly activities?
- When introducing your topic, assume you are writing to a generalist in your field
- Answer the question: Is the proposed research/scholarly activity of value to your field of study? How? and Why?
- Address other criteria you deem appropriate
- Do your homework. It is important to show you know something about your field & project. (Don't forget to cite that homework.)



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## SURF Research Proposal - Format

- Write in the first person (ex: “I will perform” instead of “The student researcher will perform”)
- Your works cited section does not count against the five page limit for the research proposal
- Discussion of background should account for no more than 25% of the project description
- The timeline should be indicated with a bolded header, and should outline clear and incremental goals for the project’s funding period
- The proposal should be five pages double-spaced





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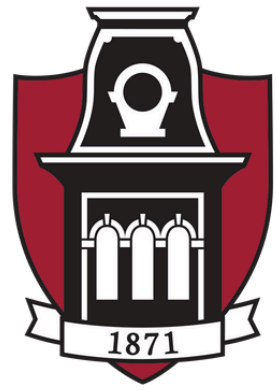
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## Timeline

- Clear incremental goals
- Monthly or bi-weekly
- Refer to your mentor when setting these goals

### Plan and Project Timeline

Month	Goal(s)
January	<ul style="list-style-type: none"><li>• Modify 3 channel imaging box for super resolution imaging.</li></ul>
February	<ul style="list-style-type: none"><li>• Modify microscope with imaging box – test.</li></ul>
March	<ul style="list-style-type: none"><li>• Fluorophore testing to find best dyes for our case.</li></ul>
April	<ul style="list-style-type: none"><li>• Single color fixed super resolution imaging (validation).</li></ul>
August	<ul style="list-style-type: none"><li>• Multi-color fixed super resolution imaging – testing conditions for cells, media, and tagging.</li></ul>
September	<ul style="list-style-type: none"><li>• Experimental multi-color SMLM imaging of fixed A549 cells with selected fluorescent dyes.</li></ul>
October	<ul style="list-style-type: none"><li>• Continue experiments, write codes for data analysis, and analyze data.</li></ul>
November	<ul style="list-style-type: none"><li>• Finish data analysis, begin writing manuscript and submitting abstracts for conference talks.</li></ul>



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## References

- At least five peer-reviewed sources
- Refer to your mentor for quality sources
- Use the library's resources
- Use your discipline's preferred citation style

### References

Ricklefs, R.E. and Miller, G.L. *Ecology Fourth Edition*. W.H. Freeman and Company, c2000

Chambers, P.A. and Mill, T. *Dissolved Oxygen, Fish and Nutrient Relationships in the Athabasca River*. Northern River Basins Study Synthesis, 1999, Report No. 5.

Phang, S and Mukherjee, T. K. *Role of Algae in Livestock-Fish Integrated Farming Systems*. Proceedings of the FAO/IPT Workshop on Integrated Livestock-Fish Production Systems, Dec. 16-20, 1991, Institute of Advanced Studies, University of Malaya, Kuala Lumpur, Malaysia.

Deas, M.L. and Orlob G.T. *Assessment of Alternatives for Flow and Water Quality in the Klamath River below Iron Gate Dam*. California Center for Environmental and Water Resources Engineering, Nov1999, Report No. 99-04.

United States Environmental Protection Agency, *Development of Dissolved Oxygen Criteria for Freshwater Fish*. Ecological Research Series EPA-R3-73-019, Feb1973.

Osborn, G. Scott, *Interpersonal Communication*, 2004



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Jay McAllister  
Engineering and Honors College  
Librarian

[jtmcalli@uark.edu](mailto:jtmcalli@uark.edu)

479-575-2480







# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### SURF Evaluation

- Your SURF application will be evaluated by a state-appointed faculty committee.
- Your part of the application constitutes the bulk of the review

--Scores for each criteria are on a 1-9 scale, 1 being the best score and 9 being the worst score--

Definitely Fund		Possibly Fund					Do Not Fund	
1	2	3	4	5	6	7	8	9
Superior	Excellent	Above Average	Good	Average	Fair	Below Average	Minimal	Poor

Scoring Criteria	Points
<b>Student's Academic Success:</b> GPA, Extracurricular Activities, Leadership, etc.	9 - Poor
<b>Qualifications of the Mentor and Research Team (if applicable):</b> Clear plan for support, research history, experience in the field of proposal, contributions to undergraduate research.	9 - Poor
<b>Innovation/Originality:</b> Generates new ideas and/or applies existing ideas in a new context.	9 - Poor
<b>Significance of the Study:</b> Outcomes are clearly proposed and Impact is anticipated. <b>STEM</b> – Addresses an area of importance to the discipline and shows potential to advance the science. <b>Non-STEM</b> - Expands knowledge of best/creative practices in the field, increases creative output.	9 - Poor
<b>Appropriateness of the methodology:</b> <b>STEM</b> - Research design, Sampling approach, Data collection protocol/plan, Data analysis procedure/plan, Protection of human subjects and/or plan for seeking IRB approval. <b>Non-STEM</b> – Preliminary Research showing selection and citation of primary and secondary sources, Hermeneutic framework, analytical approach is well defined or creative process and products are well planned/described.	9 - Poor
<b>Merit:</b> <b>STEM</b> - Utilizes established scientific principles, Demonstrates how scientific knowledge will be gained, Problem/topic being investigated is of value to the larger scientific community. <b>Non-STEM</b> – Uses best practices and innovative approaches in the field, better the understanding of the human experience, benefits and engages the fields community.	9 - Poor
<b>Other Criteria:</b> Reference Letters, plan for dissemination, appropriate budget, feasibility of completing the project in projected timeframe, cohesiveness and coherency, clarity of writing	9 - Poor
(Add all points together) <b>Total Points</b>	



# UNIVERSITY OF ARKANSAS

## Office of Nationally Competitive Awards

### Mentor CV

- Two pages
- These sections are a suggestion

#### Sample Mentor CV

**Dr. Jordan M. Ellis**  
Professor of Biological Sciences  
University of Arkansas – Fayetteville

#### Education

- Ph.D., Molecular Biology – University of Wisconsin, 2002
- M.S., Biochemistry – University of Kentucky, 1997
- B.S., Biology – University of Tennessee, 1995

#### Professional Appointments

- **Professor**, Department of Biological Sciences, University of Arkansas (2016–present)
- **Associate Professor**, Department of Biological Sciences, University of Arkansas (2010–2016)
- **Assistant Professor**, Department of Biological Sciences, University of Arkansas (2004–2010)
- **Postdoctoral Fellow**, Department of Genetics, University of California–Berkeley (2002–2004)

#### Research Interests

- Molecular mechanisms of stress response in plants and microbes
- Genetic engineering and bioinformatics applications in biotechnology
- Microbiome diversity under environmental stress conditions
- High-impact undergraduate participation in scientific discovery

#### Selected Publications

- Ellis, J.M., & Chen, R. (2023). *Heat shock protein regulation in maize under drought stress*. *Plant Physiology*, 182(2), 312–325.
- Ellis, J.M., Davis, P., & Wang, S. (2021). *Genome editing as a teaching tool: CRISPR modules in undergraduate classrooms*. *Journal of Undergraduate Research*, 15(1), 44–58.
- Ellis, J.M. (2018). *Undergraduate-led research in microbiome analysis: Expanding classroom to field*. *CBE Life Sciences Education*, 17(4), 89–101.
- Ellis, J.M., & Alvarez, K. (2016). *Microbial signaling under nutrient stress conditions*. *Microbiology Letters*, 191(3), 201–214.
- Ellis, J.M. (2012). *Undergraduate engagement in synthetic biology*. *Journal of Science Education*, 12(2), 77–89.
- Ellis, J.M., Patel, D., & Lawson, T. (2010). *Bacterial symbionts in legume drought tolerance*. *Applied Environmental Microbiology*, 176(7), 521–530.
- Ellis, J.M. (2006). *Translational research opportunities for undergraduates in molecular biology*. *Biochemistry Education*, 34(1), 44–53.

#### Sample Mentor CV

#### Courses Taught

- **BIOL 2533: Cell Biology** (2005–present)
- **BIOL 4803: Research Design in Biology** (2012–present)
- **HNRS 2003: Honors Colloquium in Biotechnology** (2018–present)
- **BIOL 498V: Undergraduate Research** (2006–present)
- **Graduate Seminar in Molecular Biology** (2010–2017)

#### Grant Activity

- **National Science Foundation (NSF) – Division of Undergraduate Education**  
Co-PI, *Enhancing Undergraduate STEM Research in Biology* (\$275,000, 2019–2022)
- **U.S. Department of Agriculture (USDA)**  
PI, *Plant–Microbe Interactions in Drought Conditions* (\$410,000, 2014–2017)
- **Arkansas Biosciences Institute**  
Co-Investigator, *Crop resilience through microbial engineering* (\$125,000, 2011–2013)

#### Invited Presentations

- *Undergraduate Research as a Driver of Discovery*, Council on Undergraduate Research National Conference, Washington, D.C. (2023)
- *Mentorship Models in the Biological Sciences*, SEC Faculty Symposium, Nashville, TN (2021)
- *Building Inclusive Research Labs*, American Society for Cell Biology, Boston, MA (2019)
- *Stress-Response Pathways in Microbes*, Society for Experimental Biology, San Francisco, CA (2017)
- *Undergraduate Participation in Genomics Research*, American Society for Biochemistry and Molecular Biology, Chicago, IL (2015)

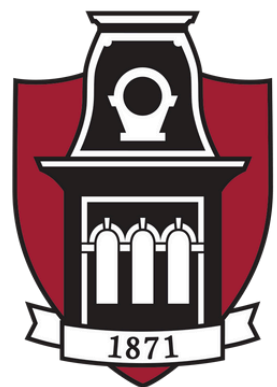
#### Honors and Awards

- **Outstanding Mentor Award**, Office of Nationally Competitive Awards (2023)
- **Honors College Outstanding Faculty Mentor** (2022)
- **Imhoff Award for Excellence in Undergraduate Teaching** (2019)
- **University of Arkansas Undergraduate Research Excellence Award – Faculty Mentor** (2015, 2020)
- **Fulbright College Master Teacher Award** (2012)
- **Early Career Faculty Award**, University of Arkansas (2008)

#### Professional Service

- Editor, *Discovery: The Undergraduate Research Journal of the University of Arkansas* (2019–present)
- Reviewer, *Plant Physiology*; *Applied Environmental Microbiology*; *CBE Life Sciences Education*
- Faculty Advisor, Biology Club (2010–2018)
- Member, University Undergraduate Research Advisory Council (2015–present)





# UNIVERSITY OF ARKANSAS®

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### SURF Mentor Form

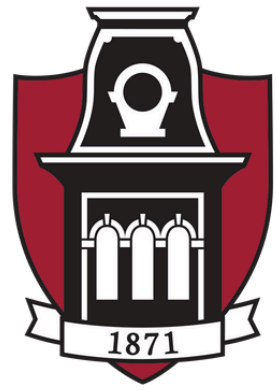
(This form is in addition to the two page Mentor CV)

- **Two pages**
- A brief statement of research/scholarly interests
- If not included on mentor CV:
  - A list of undergraduate students whom the mentor has supervised
  - Project titles the mentor has directed in scholarly research
  - Representative publications

#### SURF MENTOR FORM

1. Name:
2. Department:
3. Institution: University of Arkansas, Fayetteville
4. Please include a brief statement of research/scholarly interests. If not included in the attached vita, please list recent pertinent publications or other scholarly accomplishments. New faculty and faculty recently beginning involvement in research are urged to apply. Such faculty should describe the reasons for wanting to be involved in research.
5. List the undergraduate students with project titles you have directed in research or other scholarly activity during the last five years.

\*This form can be a maximum of two pages in length.



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## Mentor Letter of Support

- Address all letters to the SURF Selection Committee
- Address student's academic (especially research) abilities and performances
- Outline significance of the student's project
- Indicate student's ability to complete the project
- Comment on student's ability to meet the schedule and to live up to commitments
- Outline the mentor's advisory role, explaining what the mentor has to bring to the project
- Must be on official letterhead and signed
- Letters will be submitted through InfoReady



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### Additional Reference Letters

- The additional letters of support should come from academic faculty who have taught you or supervised your research. Professional letters or letters of character are not helpful to the SURF application. Letters should not be written by graduate assistants.
- Address all letters to the SURF Selection Committee
- Address student's academic (especially research) abilities and performances
- Relay, whenever possible, specific examples of the student's merit and potential
- Must be on official letterhead and signed
- Letters will be submitted through InfoReady



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### Four Applicants Per Mentor

- Mentors are allowed a maximum of four SURF applicants
- If you have more than four, then they may apply through SURF for an HCRG or OURG
- If you have more than four student researchers applying for funding, please let us know ([awards@uark.edu](mailto:awards@uark.edu)) which ones should be considered for SURF



# UNIVERSITY OF ARKANSAS®

## Office of Nationally Competitive Awards

### Transcript Request

**\*Wait until October 1\***

**registrar.uark.edu**

#### Transcript Request

- The University of Arkansas transcript is a **complete** record of the student's enrollment and academic history at the University of Arkansas, including **all** undergraduate, graduate, and law courses. Partial transcripts based on a student's career (undergraduate, graduate, or law), or transcripts that include only selected coursework, are not available. [Click here](#) to view our transcript guide. For current grades and marks, click [here](#).
- All financial obligations to the University of Arkansas must be met before an official transcript can be released.
- Transcripts may not be picked up by a third party unless the student has given written authorization with the request.
- A photo ID is required for transcript pickup.
- There is a cost of \$10.00 per official transcript.

#### Request Methods

Transcripts can be requested by the following methods:

##### Online

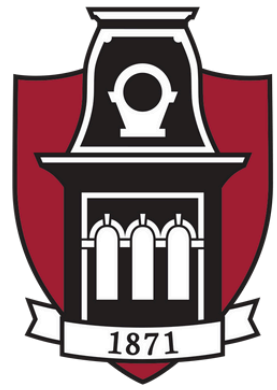
The University of Arkansas has authorized Parchment to provide our online transcript ordering system. You can order transcripts using a Visa or MasterCard at any time of the day or week. Parchment will process transcript orders from 8:00 AM to 5:00 PM Monday through Friday. Your credit card will be charged when your order is complete.

- [Click here](#) to order an official transcript(s) through the Parchment site.
- Click "Ordering your own credentials or academic records" or "Ordering on behalf of someone else" and the Parchment site will provide instructions for placing your order, including delivery options and fees. You can order as many transcripts as you like in a single session at \$10.00 per transcript. Parchment charges a \$2.75 processing fee for each recipient (transcript addressee).
- Order updates will be emailed to you. You can also check order status and history online [here](#).
- If you need assistance or have questions about Parchment transcript ordering service, please go [here](#).

##### In-Person

Bring a photo ID to the Office of the Registrar at 146 Silas H. Hunt Hall or at 1083 East Sain Ave. in Fayetteville. Transcripts can only be released with the written authorization of the student. Identification will be required for transcripts to be picked up in person. Payment must be made by cash or check only.





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### Final One-Page Abstract

At the completion of your funding period, you are required to submit a one-page abstract to ADHE.

- May 1 Spring term project completion
- August 1 Summer term project completion
- December 1 Fall term project completion

### Present Your Research

“Fellowship recipients are required to present the findings of his/her research at a state or national conference in his/her discipline or attend a meeting of experts in his/her discipline as directed by his/her mentor.”

- ADHE



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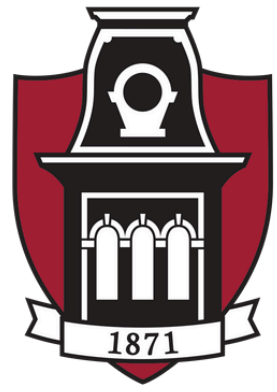
## Stipend Funding Periods

Spring —————→ \$1,250 One-Semester

Spring-Summer —————→ \$2,500 Two-Semester

Spring-Fall —————→ \$2,500 Two-Semester

Spring-Summer-Fall —————→ \$2,500 Two-Semester



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## Honors College Research Grant (HCRG)

Dr. Jennie Popp





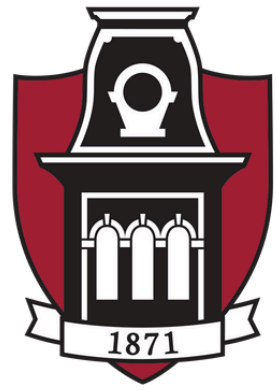
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## SURF Spring-Fall Example

	SURF	UA Match	Sub-total	Total	HCRG*	OURG*
<u>Student Stipend</u>						
Spring	625	625	1250	1250	1250	1250
Fall	625	625	1250	1250		
<u>Mentor Funds</u>	750		750 (+250)	1000	1000	1000
<u>Student Travel</u>	750		750	750	(HCCTG)	
TOTAL:				4000 4250	2250	2250

\*Can only receive one semester of funding each academic year.



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## SURF Reporting Requirements

- SURF awardees follow the same internal reporting guidelines that HCRG and OURG awardees follow
- Honors College deliverables
  - Blog and photo (at the end of each semester funded) – be featured on the HNRC blog site [honorsstories.uark.edu](https://honorsstories.uark.edu)
  - Final report (can submit same report as required by SURF)
- Instructions will be provided by the Honors College at time of the award



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## **SURF Collection - October 15th-17th**

### **SURF Early Review**

- Students are encouraged to participate in an early review. Please schedule an appointment with Matthew Halbert if you would like your application reviewed prior to Collection.

### **SURF Collection**

- At SURF Collection, any registrants who have not participated in an early review will have their application reviewed by a University of Arkansas faculty or staff member during a Microsoft Teams appointment.

**These appointments will be available to choose on October 1st.**

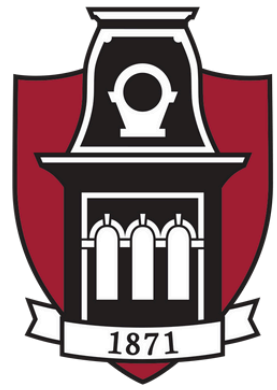


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It's ok to click submit

**Submit**



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## Final Thoughts

- Any major is eligible
- Apply through SURF for all of these awards
- If you are not selected for SURF, you will be automatically considered for the HCRG and OURG

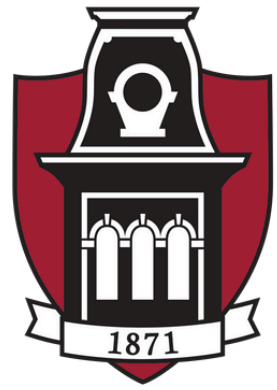


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## Post-Award

- Watch for Terms and Conditions from Matthew Halbert.
- Watch for worktags via email from Matthew Halbert.
- For use of the Travel Stipend (student or mentor), contact your departmental representative prior to your travel.



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## Goldwater Scholarship

Applications judged on the basis of outstanding academic performance, as well as a demonstrated potential for and commitment to a career in mathematics, the sciences, and engineering (except applied) career. The University of Arkansas can nominate four current sophomores or juniors. Five if one is a transfer student. **Campus deadline: December 1**

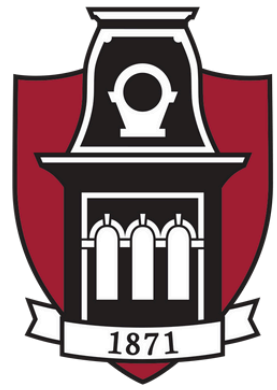
### Eligibility:

- Be a U.S. citizen, resident alien, or U.S. national
- Currently enrolled as a sophomore or junior
- Pursue a Bachelor's degree full time in mathematics, science, or engineering (not applied engineering)

### Award Amount:

- Up to \$7,500 per year for eligible expenses, such as tuition, fees, books, room and board.
- Sophomores may qualify for two years of support; juniors for one year.





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## Udall Scholarship

The Udall Scholarship seeks outstanding, full-time sophomores and juniors from all ethnic backgrounds who intend to pursue environmental or public policy careers. The Udall Scholarship also seeks Native American and Alaska Native sophomores and juniors who intend to pursue health care or tribal public policy careers. Typical areas of study include (but are not limited to): environmental engineering, natural sciences, resource management, social sciences, and Native American public policy. **Campus deadline: February 15**

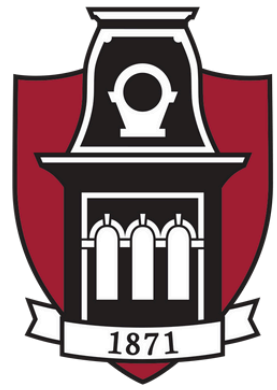
### Eligibility:

- Be a U.S. citizen, permanent resident, or national
- Be a sophomore or junior
- Currently pursue a Bachelor's degree that leads to an environmental public policy career, or, in the case of Native American or Alaska Native Students, plan a career in health care and tribal public policy
- Demonstrate the commitment and potential to make a significant contribution to their field of study
- Have a cumulative minimum 3.0 GPA

### Award Amount:

- \$7,000





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## Office of Nationally Competitive Awards



Suzanne McCray

Vice Provost of Enrollment Dean of  
Admissions and Nationally Competitive  
Awards



Emily Voight

Senior Associate Director of Nationally  
Competitive Awards  
Fulbright Program Advisor



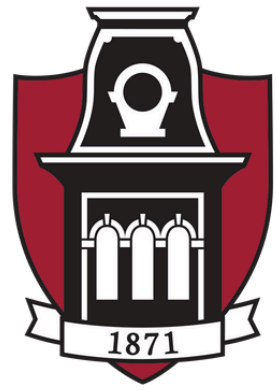
Matthew Halbert

Assistant Director of Nationally  
Competitive Awards  
SURF Coordinator



Robert Ellis

Assistant Director of Nationally  
Competitive Awards



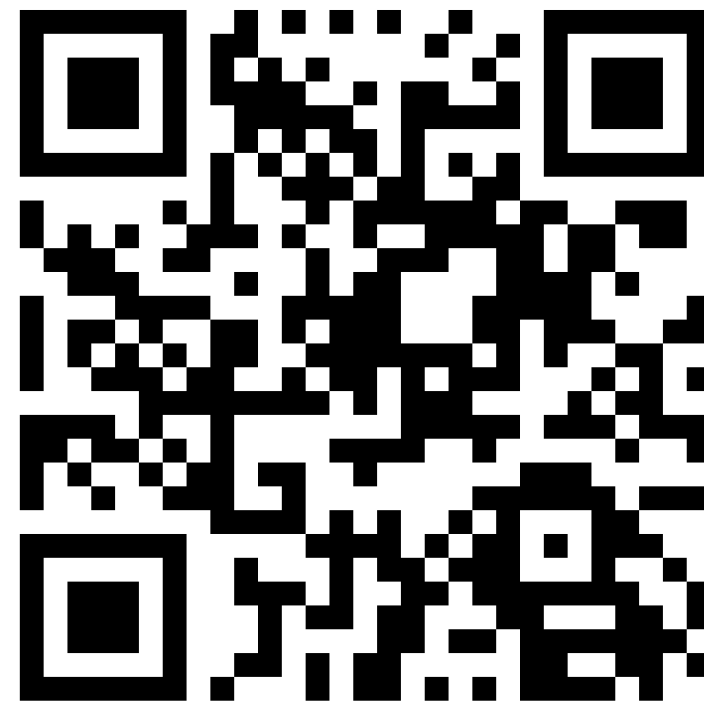
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SURF Registration



Celebrating Discovery



ONCA Instagram

