**University of Arkansas, Fayetteville**

**TEAAMS: *Teacher Enhancement of Agency and Authenticity in Math and Science***

**TEAAMS Noyce Teaching Fellowship Application (2023-2028 cohort)**

***Application Deadline: December 9, 2022***

***Email application to: Dr. William F. McComas (***[***mccomas@uark.edu***](mailto:mccomas@uark.edu)***)***

***Please contact Dr. McComas if you have questions or need assistance with the application.***

**Applying for the NSF-funded TEAAMS Noyce Fellowship**

*Before filling out the application, please review the information below and on the website. If you are selected as a Noyce Teaching Fellow you must also qualify for admission to the University of Arkansas Graduate School for the Master of Arts in Teaching (M.A.T.) program with a separate application to the UA Office of Teacher Education, and meet additional requirements for obtaining teacher licensure in Arkansas. This application is solely to be considered for a TEAAMS Noyce Fellowship.*

By filling out this application, you are indicating your interest in becoming one of four recipients selected for the TEAAMS Noyce Fellowship that will fund your graduate tuition and fees (Arkansas resident tuition) to complete the M.A.T. (2023-2024) with an additional four years of financial support at $10,000 per year while teaching in a “high-need school district” in the U.S., along with continued participation in the events and requirements of the TEAAMS project.

One NSF criterion of a “high need school district” is a district in which at least one school has 50% or more of its students eligible for free/reduced lunch program.) Although this requirement may narrow your choice of districts somewhat, it typically is not difficult to find a district that qualifies. Schools in Arkansas that meet this criterion may be found at [http://www.officeforeducationpolicy.org/arkansas-schools-data-demographics/](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.officeforeducationpolicy.org%2Farkansas-schools-data-demographics%2F&data=04%7C01%7Ckmccomas%40uark.edu%7C12891b0a2e5843eccff708d8da83d2b6%7C79c742c4e61c4fa5be89a3cb566a80d1%7C0%7C0%7C637499606998244682%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=Z9Wu9f0JnDEugI6t070942zaMZHTU8X3GzEMUuZQvnU%3D&reserved=0)

Preliminary selection for interviewing potential Noyce Teaching Fellows is based on your application and unofficial transcript. Among other characteristics, you must have depth of knowledge in a discipline in the licensure areas of Biology, Chemistry, Physics, or Mathematics, and have had some experience in engaging in authentic practice in your discipline, such as research or involvement in discipline-specific STEM-related clubs.

If you are invited to interview, you will be asked to provide letters of reference (which can also be used for application to the graduate school). At the interview, we will be looking for your passion for teaching, your potential to engage all students in learning in a high-need school district, and your interest in experiencing authentic practice by participating in and mentoring student projects in Science and Engineering fairs (the focus project of the Noyce TEAAMS grant).

If you are selected to receive the Noyce Fellowship, you will be asked to sign a contract acknowledging that you will successfully complete the M.A.T., teach in a high-need school district for four years where you will be expected to be involved in a STEM-related club, and maintain contact with Noyce TEAAMS faculty for professional development and related research. Those who do not complete all elements of the Fellowship are required by the NSF to pay back the tuition and fees and any additional funds received.

When we have reviewed your application, we will contact you about the interview. If you do not receive a Noyce Fellowship or decide only to pursue the M.A.T., we will be pleased to help with that application process. In other words, you may earn an M.A.T. without being a Noyce Fellow.

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| Questions | Provide responses here: |
| Name |  |
| Email address |  |
| Phone number |  |
| Current address |  |
| In which subject are you interested in earning initial teacher licensure (grades 7-12): Mathematics, Biology/Life Science, Chemistry, or Physics? (This will be the primary focus of your teaching internship) |  |
| Are you interested in adding on other licensure areas such as Earth Science, Computer Science, or an additional subject from the list in the previous question? Please name those additional areas. |  |
| What is the name of the university/college where you earned your undergraduate degree? What  type of bachelor’s degree (B.A., B.S.) did you earn?  When did you graduate (month/year)? |  |
| What is your cumulative GPA? |  |
| Name and provide the location of the high school from which you graduated: |  |
| For the next few items, please initial the boxes to the right to acknowledge that you are aware of these requirements: | |
| Within five days of submitting this form (or by February 15) please send the following to Dr. William McComas (mccomas@uark.edu):   1. Your resume 2. An unofficial transcript of your undergraduate courses (you will later need official transcripts to apply to the UA Graduate School) | Initial to acknowledge: |
| If scheduled for an interview, please arrange to have sent three letters of recommendation from people who can attest to the strength of your ability to be successful in graduate school and your dispositions for being successful as a teacher. Note, you may submit the same three letters with your UA Graduate School / M.A.T. application. | Initial to acknowledge: |
| For M.A.T. classes, understand your attendance is expected throughout the 12-month MAT / Noyce experience, starting May 30, 2023 until May graduation 2024: Summer Session 1 and 2, Inter-Session, fall semester classes with school practicum visits, and full time teaching internship throughout spring semester, with one M.A.T. class that meets one evening a week. | Initial to acknowledge |
| Additional activities this summer: Noyce fellowship orientation, 2-3 afternoon meetings, and several visits to the Amazeum in Bentonville will occur at times that work for all involved – TBD.  Occasional Noyce cohort meetings throughout the M.A.T. year.  Virtual meetings – 2-3 per year for your first 4 years of teaching | Initial to acknowledge that being a Noyce fellow entails some responsibilities beyond M.A.T. coursework: |

Please respond thoughtfully to the questions below, in the space below each question. The boxes will expand.

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| Briefly tell us why you want to become a teacher. |
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| Describe some experiences you have had working with children of ages 12-18. |
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| Give an example of how a teacher made a difference in your life. |
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| How do you foresee yourself engaging students in learning who may not like the subject? |
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| The first year of the Noyce fellowship (during the M.A.T. experience) will include working with high school students and mentoring them to create projects for the Northwest Arkansas Regional Science & Engineering Fair. You will also create your own project. So, tell us about experiences you have had with Science & Engineering fairs or related activities. As a student, did you enter a ‘science fair’ project or serve as a judge? If so, please describe your experiences. |
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| Describe other experiences you may have had engaging in authentic practices in science, math, or engineering (e.g., REUs or other research or work experience? Mu Alpha Theta? Robotics club? Math Olympiad? Other academic clubs in STEM fields?) |
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| What value to you think there is in participating in such authentic experiences on learning science and math? |
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| After completing the MAT, the fellowship continues through your first four years of teaching in high need school district. What experiences and/or strengths do you have that might prepare you to teach students of diverse populations (ELL/ESL, different cultural backgrounds, minority or other underrepresented groups, low economic status, etc.)? |
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| During your first four years of teaching, you will continue to participate in the TEAAMS project by sponsoring a discipline-specific club in a STEM subject at your school (and responding to surveys about agency and authentic practice). What kind of club(s) could you foresee sponsoring for your students? |
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| Please review the requirements, the description of the contractual obligation that involves paying back the scholarship if obligations are not met, and the benefits of the TEAAMS Noyce Fellowship program. Tell us about any aspect that worries you about the program, and any aspect that excites you. |
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*Thank you for applying for the University of Arkansas TEAAMS Noyce Fellowship!*

*The TEAAMS faculty: Drs. William McComas, Laura Kent, Stephen Burgin, Kim McComas, and Shannon Dingman*