
Default Question Block

**UF Florida Museum of Natural History
UF Thompson Earth Systems Institute (TESI)
Scientist in Every Florida School (SEFS)**

Present:

Silk Protein Innovation and Novelty (SPIN) program for Florida Elementary School Teachers

WHEN: Sunday, April 30th, 2023

LOCATION: University of Florida, Main Campus, Gainesville, FL

BACKGROUND:

The program will include opportunities for K-12 teachers learn about research opportunities to taking place at the University of Florida and partnering institutions.

The current plan includes a 1-day PD held at UF's Florida Museum of Natural History. The teachers will collaborate and engage with scientists using CT-scanning technology to study the ways in which different insects produce different kinds of silk. Teachers will learn how to operate the nano-CT scanner and its associated software to produce three-dimensional images of moths and caddisflies, in order to visualize the internal organs and structures associated with insect silk production.

LEARNING GOALS/RATIONALE:

The outreach/education component integrated into this project will create opportunities for Florida elementary school teachers to gain entomology content expertise and skills in general as well as become part of a collaborative network of teachers and scientists.

PARTICIPANT SUPPORT:

Participants will receive a **\$250 stipend* upon successful completion** of the expectations which includes:

- Attending entire 1 day PD and all required sessions.

- Scheduling a visit with a scientist to their classroom.
- Following standard policies and procedures, participating in and completing any evaluations, assessments, and surveys required as part of the program.

*Funded by the National Science Foundation

APPLICATION PROCESS:

- The application deadline will be **March 15, 2023**.
- **Space is limited to 6 teachers.**
- All applicants will be notified of the status of their application (selected or not) by **March 20, 2023**.
- Teachers will be selected based on responses provided in the application and our desire to diversify the participants, including Title I schools, grade level, and school location in Florida.

What is your first and last name?

Please provide your school email address for communication.

For set up of stipend payment, please enter your personal email address (NOT school email)

What is the best telephone number to reach you at?

Emergency contact information:

First Name

Last Name

Relationship

Emergency Contact Number

What Florida county do you teach in?

What is the name of the school you teach at?

Do you teach at a Title I school?

Yes

No

What grade levels do you teach?

6

7

8

Please list the classes you anticipate teaching during the 2022-2023 school year.

How many years have you been teaching?

1 - 5

6 - 10

11 - 15

16 - 20

21 - 25

26 - 30

31+

Undergraduate degree, major, and institution

Graduate degree/concentration (if applicable, otherwise indicate N/A)

What are your personal and professional goals with reference to this PD opportunity?

How do you plan to incorporate what you learn into your classroom?

How did you hear about the Scientist in Every Florida School program?

In the box below, please let us know of any health problems or mobility limitations.

What other information would you like us to know as we consider you for as a participant?

What size t-shirt would you like?

- Adult small
- Adult medium
- Adult large
- Adult xlarge
- Adult xxlarge

In the event that you are chosen to participate, we want to document our experiences together and share your professional pursuits and outcomes through multiple media outlets (i.e., website, social media, and traditional news print). By checking below, you give consent that all photographs, video images, voice recordings, productions, and/or written extraction obtained during this workshop may be used by UF and/or others with the permission of UF for the purpose of illustration, advertising, or publication in any manner. Consent will not impact selection for the program.

- I agree to allow UF to use program artifacts for promotional and grant reporting purposes.
- I do not agree to allow UF to use program artifacts for promotional and grant reporting purposes.

Successful completion of this PD for receipt of stipend entails:

- Attending observation session (with students)
 - Participating in follow-up training workshop
 - Teaching newly learned astronomy concepts in the classroom (while collaborating with Dr. Ezzeddine's lab)
 - Administering an evaluation survey to students
-
- I agree
 - I do not agree

Please thoroughly read the assumption of risk and release below and check the “I Accept” box if you agree to the terms set forth. I, the undersigned, on my own behalf and on behalf of my heirs, administrators and assigns, in exchange for being permitted to participate in activities anytime during the program at the University of Florida, agree to assume the risks and hazards, whether known or unknown, disclosed or undisclosed, of participating in the Activity. The University of Florida shall not be liable for any damages or injury I may sustain in arising out of my participation in the Activity, and I assume full responsibility for any such damage or injury. In consideration for permitting me to participate in the Activity, I hereby release the University of Florida and any other organization connected with the Activity, their respective directors, officers, employees, members and agents, and waive voluntarily and without duress any and all claims for liability which I or any of my heirs, administrators, or assigns, might or could assert.

I accept

I decline

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