Program application for high school (grades 9–12) science teachers in the city of Chicago





#### Program Overview

Throughout the course of the program, students will:

- conduct authentic science projects, aligned with zoo research, through data collection experiences, data analysis, and dissemination.
- connect with nature and urban wildlife in their communities and at Lincoln Park Zoo.
- gain awareness about the diversity of Chicago wildlife.
- be encouraged to explore nature in their communities.

Throughout the course of the program, teachers will:

- gain experience in using inquiry in their science classroom.
- incorporate information on conservation and human impacts on the environment into their curriculum.
- increase understanding and confidence in applying the scientific process.

This FREE program will culminate in a special event held at Lincoln Park Zoo in spring of 2026. There, select students will present their final research projects.

Due to high demand and limited availability of spots, we want to make sure that teachers who are chosen to participate can fulfill all the requirements of the full program. Teachers must teach a high school-level science course in the greater Chicago area, with preference given to teachers within Chicago Public Schools and its affiliates. Teachers must be the primary science instructor for ALL participating classes.

The program begins with a required Teacher Workshop, to be held on August 9. Student involvement with the program will begin with the school year. Please review the program with your school administrator and return this application by **5 p.m. on June 19**.

Please note that Partners in Fieldwork is primarily offered in English. Written materials prepared by the start of the school year will be available in English and Spanish. The facilitator speaks both English and Spanish and can conduct bilingual lessons if needed. In the event that new materials are produced by zoo staff during the school year, the zoo cannot guarantee they will be available in any language other than English. If you have students

who speak languages other than English or Spanish, the school must be responsible for providing translation.

Partners in Fieldwork program content is written to be a comprehensive general high school curricular extension. It will be the school's responsibility to provide differentiation for students who need modifications. We are not able to provide customized supports for individual schools.

#### **Program Components**

#### **Two Professional Development Workshops**

**Time Commitment:** Two half days

**Projected Time Frame:** Saturday, August 9, 2025, and Saturday, January 10, 2026

During these interactive workshops, the teacher will receive an overview of the program and its components, information about student research expectations, materials to carry out program components, time to collaborate with fellow participants, and a chance to learn more about the animals and research at the zoo.

Attendance at the workshops is required. The zoo will provide parking, a light breakfast, and lunch at the scheduled workshops. Teachers also receive continuing professional development units for their time.

A stipend of \$300 will be paid at the end of the school year to teachers who have completed all components of the program, including attending both workshops, participating in all four classroom visits plus at least one field trip and the PIF Teen Conservation Expo, and submitting the final teacher survey.

#### **Classroom Visits From a Zoo Facilitator**

**Time Commitment:** Four science periods for each participating class

**Projected Time Frame:** Spaced throughout the school year from September-April

Each classroom visit will entail a zoo facilitator visiting the participating school, free of charge, to work directly with the teacher and students. All supplies for the visits will be brought by the zoo facilitator. Teachers are asked to fit classroom visits for different periods into a single day when possible. Zoo staff will make accommodations if necessary.



The classroom visits will focus primarily on building inquiry-based research skills (e.g., observation, data collection/analysis, and dissemination) and learning more about conservation issues and solutions. Students will have the chance to connect what they have learned in class with their own wildlife observations from the schoolyard and surrounding neighborhood. Each classroom visit is an opportunity for the zoo facilitator to provide background information on research techniques, model how to conduct research, provide support to the classroom teacher, and engage in dialogue on how to support student success throughout the program.

Teachers will coordinate with the zoo facilitator to determine days for their classroom visits that best fit their schedule. Teachers are expected to be present in the class during visits from the zoo facilitator. A one-week notice will be required for any schedule changes or cancellations.

#### **Two Field Trips**

**Time Commitment:** Two one-day field trips for each participating class; teachers may need to attend on multiple days to accommodate multiple class sections **Projected Time Frame:** One trip in the fall and one optional trip in the springt

All participating high school students will visit the zoo once (required) and a local natural area once (optional) to conduct research. Each visit will give students an opportunity to conduct biodiversity surveys utilizing various research methods.

The zoo will provide buses to participating schools for each field trip and additional funds to cover an external substitute for the participating teacher.

Teachers will select specific days for their field trips that work with their schedule. If a teacher has more than three classes, they will need to schedule multiple days for their field trip to accommodate all of their students. The participating teacher must attend all field trip days.

A one-week notice will be required for any schedule changes or cancellations. Due to the limited dates available for field trips, there may not be time to reschedule trips that are cancelled after the deadline. Therefore, if a teacher needs to reschedule after the deadline, the visit may be subject to cancellation.

# Ongoing Student Learning, Research, and Conservation on School Grounds

**Time Commitment:** At least two to four hours of class time per month per class

Projected Time Frame: September-May, ongoing

Teachers will use Lincoln Park Zoo resources and curriculum to engage students in learning about and conducting authentic science research. Students will conduct ongoing research and analysis at school using these tools. Two to four hours of class time per month are required to focus on research, analysis, and a final project. Individual data collection outside of school hours is encouraged but not required.

Teachers will receive practical support and necessary materials for leading research and analysis during the professional development sessions and through the online portal. Teachers will also receive support in aligning this research with existing science curriculum.

Teachers will guide students through completing an authentic research project. The goal of the project is to focus on urban wildlife in their neighborhood and recognize a conservation issue faced by that wildlife. The specific focus of the project will be informed by the classes' ongoing research. All participating students will complete a final project to present to their peers and classmates.

#### **Conservation Expo**

**Time Commitment:** One evening for participating teacher and selected students

Projected Time Frame: May

We will celebrate participating students' success with a culminating event in spring of 2026. Each participating teacher will be able to bring a percentage of their students to present their project(s) at the event (number of projects will be set by zoo staff). The program provides one bus to bring the teacher and students to the zoo. The event will conclude with a catered reception. The zoo will assist with materials needed for students to present.

These Conservation Expos are opportunities for students to share their discoveries with each other and with zoo staff.



### How to Apply

If you would like to participate in Partners in Fieldwork with your classes, please complete the program application and return to us **no later than 5 p.m. on June 19.** Applications should be emailed to pif@lpzoo.org. During the selection process, preference is given to those from schools that are part of Chicago Public Schools and CPS affiliates.

If you have any questions, please contact us at pif@lpzoo.org.



#### **Part I: School Information**

School Name	CPS Network	
School Address		
Neighborhood		
School Phone	School Fax	
Minutes, per day, that each student receives science i	instruction	
Grade levels to participate (check one or multiple)	□9 □10 □11 □12	
Number of classes to participate		
Subject of participating classes		
How did you hear about Partners in Fieldwork?	☐ Teacher Workshop or Event ☐ Email ☐ Social Media ☐ Colleague or Administrator	
	Other:	
Part II: Teacher Information		
Teacher's Name		
School Email	Alternate Email	
Illinois Educator Identification Number (IEIN)		
Cell/Home Phone	Phone number where you can be reached during the summer	
Are you the primary science teacher of all participati	ng classes?	
	xplain your teaching situation below)	

(Continued on Next Page)



	unique aspects about your teaching responsibilities or situation (e.g., co-teachers, split grade levels, alternative learning opportunities, er teacher's class, etc.):
Why do you want	to participate in the PIF program? How do you anticipate your students will grow or benefit by participating in PIF?
Please explain how	PIF will fit into your broader curriculum for the year.
How many years h	ave you been teaching science?
Have you received	science endorsements?
☐ Yes	□ No
Are you highly qua	□ No
ш 1 <i>С</i> 3	

(Continued on Next Page)



**Part III: Commitment to Program** 

# By initialing/signing below, you confirm that you have reviewed the program components and time commitment and agree to participate in the Partners in Fieldwork for the 2025-2026 school year. Two professional development workshops: Saturday, August 9, 2025 and Saturday, January 10, 2026 Three or four classroom visits from a zoo facilitator One or two classroom visits facilitated by participating teacher Two field trips: one to the zoo (minimum) and one to a natural area (optional) Ongoing learning and research on school grounds

has my support to participate in the program. I have reviewed to provide the needed support for my staff and students to participart of this program, I am allowing data collection equipment, on school grounds.	sipate in all aspects of the program. I understand that as
School Administrator Printed Name	Date
School Administrator Signature	

In lieu of a signature, you may forward an email to pif@lpzoo.org from a school administrator stating their support for your implementation of the program.

(Continued on Next Page)

Date



Teacher Signature

#### **Part IV: Submit Materials**

Please email completed application forms to pif@lpzoo.org. You can take a picture and email it as long as we can read everything on the application, or type your name into the signature lines to make it easier to save and send as an email attachment.

