

EXHIBIT A

RIGHT OF ENTRY AGREEMENT

(ATTACHED)

RIGHT OF ENTRY AGREEMENT

This **RIGHT OF ENTRY AGREEMENT** (“**Agreement**”) is made as of January 1, 2024 (the “**Effective Date**”), by and between the **CITY OF CHICAGO**, an Illinois municipal corporation (“**City**”), and Lincoln Park Zoological Society, an Illinois not-for-profit corporation (“**Licensee**”).

RECITALS

WHEREAS, the City is the owner of the real property located at 220 E Monroe, Chicago, Illinois 60601 known as Lurie Garden (part of PINs 17-15-112-011-0000 and 17-15-502-001) (the “**Property**”); and

WHEREAS, Licensee seeks access to the Property to install and maintain monitoring equipment for the purpose of conducting research activities (the “**Activity**”), and the City has agreed to grant such access upon the terms and conditions set forth herein.

WHEREAS, such monitoring equipment consists of a single small remotely triggered trail camera and a single passive ultrasonic recorder equipped with an ultrasonic microphone, specified in Exhibit B, attached hereto.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. **Incorporation of Recitals.** The foregoing recitals constitute an integral part of this Agreement and are incorporated herein by this reference with the same force and effect as if set forth herein as agreements of the parties.

2. **Grant.** Subject to the terms and conditions set forth herein, the City hereby grants to Licensee a right of entry to the Property for the sole purpose of allowing Licensee to perform the Activity. The right of entry granted hereunder extends to, and Licensee shall be responsible for, its agents, employees, contractors, subcontractors, consultants, invitees, guests, vendors, patrons and any other parties who enter the Property at Licensee’s direction or with Licensee’s consent (collectively, “**Agents**”). Licensee shall be responsible for ensuring that all Agents comply with Licensee’s obligations under this Agreement, and non-compliance by any Agent shall be deemed to be non-compliance by Licensee. This right of entry is subject to all easements, encroachments, covenants, restrictions of record and not shown of record, and any other title encumbrances or defects affecting the Property. Licensee acknowledges that the City has not performed any title or survey work in connection with the negotiation and execution of this Agreement and agrees that it is Licensee’s sole responsibility and obligation to confirm that the Activity occurs solely within the portions of the Property permitted by this Agreement.

3. **Term.** The term of this Agreement (the “**Term**”) shall begin on the Effective Date and shall terminate upon the later of: (a) the completion of the Activity and, if applicable, restoration of the Property in accordance with Section 11 hereof; or (b) June 29, 2024; whichever

is later. Prior to entering the Property, Licensee shall provide proof of insurance as required by Section 8 of this Agreement, and copies of any necessary permits or approvals as required under Section 6 of this Agreement.

4. **Costs and Expenses.** Licensee shall be responsible for all costs and expenses associated with the Activity without City reimbursement. Upon receipt of an invoice from the City, Licensee shall submit payment in the amount of the Use Fee, if any, according to the instructions on the invoice. In addition, Licensee shall reimburse the City for all costs and expenses the City incurs in connection with this Agreement or with the Activity.

5. **Compliance with All Laws.** Licensee and its Agents shall comply at all times with any and all applicable municipal, county, state, federal or other statutes, laws (including common law), ordinances, codes, rules and regulations (collectively, "**Laws**"). Contract provisions that are required to be included in this Agreement by any such Laws shall be deemed included.

6. **Permits.** Prior to entering the Property, Licensee must secure, or cause its Agents to secure, at its sole cost and expense, all necessary permits and governmental approvals required to perform the Activity. Licensee understands that this Agreement shall not act as a substitute for any such permits or approvals that may be required. Licensee shall provide copies of all required permits and approvals to the City prior to entering the Property.

7. **Indemnification.** Licensee shall indemnify, defend (through an attorney reasonably acceptable to the City) and hold the City, its officers, officials, employees, agents and representatives (collectively, the "**City Parties**"), harmless from and against any and all actions, claims, suits, complaints, demands, legal or administrative proceedings, losses, damages, debts, liens, obligations, liabilities, judgments, amounts paid in settlement, arbitration or mediation awards, interest, fines, penalties, costs and expenses (including, without limitation, reasonable attorneys' fees, consultants' fees and court costs) (collectively, "**Claims**"), of whatsoever kind and nature, including without limitation, any and all environmental Claims, made or asserted by any third parties for injury, including personal injury or death of any person or persons, and for loss or damage to any property, occurring in connection with, or in any way arising out of or incident to (a) any and all acts, alleged acts or omissions of Licensee, its Agents or any other person entering the Property during the Term and (b) any entry upon or use of the Property or performance of the Activity by or on behalf of Licensee, its Agents or any other person entering the Property during the Term and (c) the failure of Licensee or its Agents to pay contractors, subcontractors or material suppliers in connection with this Agreement and (d) the use of the Property as a parking lot under the Metered Parking Concessions Agreement entered into between the City and Chicago Parking Meters, L.L.C.. The indemnification provided herein will be effective to the maximum extent permitted by Law and is not limited by any amount of insurance required under this Agreement.

Licensee shall be solely responsible for the defense of any and all Claims against the City Parties, including without limitation, claims by any Agents of Licensee, even though the claimants may allege negligence or intentional and willful misconduct on the part of the City Parties. The

City shall have the right, at its sole option, to participate in the defense of any such Claims, without relieving Licensee of its obligations hereunder.

Licensee shall promptly provide, or cause to be provided, to the City of Chicago, Department of Law, at 121 N. LaSalle St., Room 600, Chicago, IL 60602, copies of such notices as Licensee may receive of any Claims for which the City Parties are entitled to indemnification hereunder and to give the City Parties authority, information, and assistance for the defense of any such Claims.

This Section 7 shall survive the expiration or termination of this Agreement (regardless of the reason for such termination).

8. **Insurance.** Licensee must procure and maintain, and cause its Agents to procure and maintain, at Licensee's expense (or the expense of its Agents as applicable) during the Term, the insurance coverages and requirements specified in Exhibit A attached hereto, insuring all operations related to the Activity.

9. **Inspection and Work.** Licensee agrees to carefully inspect, or cause its Agents to carefully inspect, the Property prior to commencing any activities on the Property to ensure that such activities will not damage the Property or any surrounding property, structures, utility lines or subsurface lines or cables. Licensee and its Agents shall take all reasonable safety precautions to ensure that the Activity will not pose a danger to the public or have a negative impact on the neighboring community, including, without limitation, adequately securing the Property throughout the Term. Licensee and its Agents shall perform the Activity in a good and workmanlike manner with due care and diligence, and in accordance with all applicable Laws. Licensee and its Agents shall keep the Property and any adjoining sidewalks and streets free of debris and materials and generally in a clean and safe condition throughout the Term. Licensee and its Agents shall limit their activities to those reasonably necessary to perform the Activity. The City reserves the right to inspect the Activity throughout the Term. Proper health and safety procedures must be implemented. Neither Licensee nor its Agents shall conduct any activity on the Property that may in any manner injure the health, safety and welfare of the public, diminish the value of the Property, interfere with City operations, or violate any Laws, including, without limitation, any Environmental Laws (as hereinafter defined).

10. **Notice of Environmental Contamination and No Ground Disturbance Work.** Soil and/or groundwater may be present at the site in concentrations that exceed one or more of the Illinois Environmental Protection Agency's Construction Worker Tiered Approach to Corrective Action Objectives (TACO) Tier 1 objectives. The surface and subsurface cannot be disturbed during performance of the Activity.

11. **Obligation to Restore the Property.** Upon completion of the Activity, Licensee shall promptly restore the Property to the condition existing as of the Effective Date (or better condition), and shall remove all materials, equipment, tools, vehicles, supplies, and other personal property owned, rented or used by Licensee (collectively, "**Personal Property**"), trash, wastes and debris placed on the Property by Licensee or its Agents. Licensee shall dispose of all trash, wastes and debris in accordance with all applicable Laws, including without limitation, all applicable

Environmental Laws (as hereinafter defined). Any Personal Property, trash or debris left by Licensee on or about the Property shall be considered abandoned and may be disposed of in the City's sole discretion. Licensee agrees to pay for any removal or disposal costs the City may incur. The City shall be reimbursed for all sums it pays in connection with this Agreement. Such reimbursement shall occur within fifteen (15) days of such City payment, with interest accruing from the date of such City payment at the rate of 12% per annum. Licensee shall be responsible for any damage to the Property or any surrounding property, structures, utility lines or subsurface lines or cables caused by the acts or omissions of Licensee or its Agents, including but not limited to, vandalism or misuse of the Property, and shall undertake any repairs necessitated by such acts or omissions.

12. **No Liens.** Licensee shall not cause or permit any lien or encumbrance, whether created by act of Licensee or its Agents, operation of law or otherwise, to attach to or be placed upon the City's title or interest in the Property. In case of any such lien attaching, Licensee shall immediately pay and remove such lien. If Licensee fails to pay and remove any lien, the City, at the City's election, may, but is not obligated to, pay and satisfy same, and all sums so paid by the City shall be reimbursed by Licensee within fifteen (15) days of such payment with interest from the date of payment at the rate of 12% per annum.

13. **No Representations or Warranties: Release of City Parties.** The City makes no warranties or representations, express or implied, of any kind, as to the structural, physical or environmental condition of the Property or the suitability of the Property for any purpose whatsoever. Licensee, on behalf of itself and its Agents, agrees to enter upon the Property in the Property's "as is," "where is" and "with all faults" condition and at the Licensee's own risk. Licensee, on behalf of itself and its Agents, acknowledges that it is relying solely upon its own inspection and other due diligence activities and not upon any information (including, without limitation, environmental studies or reports of any kind) provided by or on behalf of the City or any of the City Parties with respect thereto. Licensee, on behalf of itself and its Agents, hereby releases, relinquishes and forever discharges the City and all City Parties from and against any and all Claims that Licensee or any of its Agents now have or hereafter may have, whether grounded in tort or contract or otherwise, in any and all courts or other forums, of whatever kind or nature, whether known or unknown, foreseen or unforeseen, based upon, arising out of or in any way connected with, directly or indirectly, (a) the structural, physical or environmental condition of the Property, including, without limitation, the presence or suspected presence of Hazardous Substances (as hereafter defined) in, on, under or about the Property, (b) the condition of title to the Property, including, without limitation, any easements, encroachments, covenants, restrictions of record and not shown of record, and any other title defects; and (c) any entry upon or use of the Property by or on behalf of Licensee or its Agents.

14. **Right to Terminate.** Notwithstanding anything to the contrary contained herein, either party may terminate this Agreement for any reason upon prior written notice of at least five (5) days to the other party. In addition, in the event of any breach of this Agreement by Licensee the City shall have the right to order Licensee to immediately cease all activities on the Property and to immediately vacate the Property until such breach is cured or the City may immediately terminate this Agreement and pursue any and all remedies available at law or in equity. The City also reserves the right to terminate this Agreement at any time if Licensee's use of the Property

interferes with the City's use of the Property or with any other municipal purpose or interest, as determined by the City in its sole discretion.

15. **Hazardous Substances.** Licensee shall not use or store any Hazardous Substances (defined below) on the Property unless otherwise approved by AIS. Licensee shall promptly notify the City if Licensee discovers any Hazardous Substances on the Property. As used in this Agreement, the term "**Hazardous Substances**" shall any toxic substance, hazardous material, hazardous chemical or hazardous, toxic or dangerous waste defined or qualifying as such in (or for the purposes of) any Environmental Laws (as defined hereunder), or any pollutant, toxic vapor, or contaminant, and shall include, but not be limited to, polychlorinated biphenyls (PCBs), crude oil, any fraction thereof, or refined petroleum products such as oil, gasoline, or other petroleum-based fuels, lead paint, asbestos or asbestos-containing materials, urea formaldehyde, any radioactive material or by-product material, radon and mold. "**Environmental Laws**" shall mean any and all Laws, permits and other requirements or guidelines of governmental authorities applicable to the Property and relating to the regulation and protection of human health, safety, the environment, natural resources or to any Hazardous Substances, including without limitation, any Laws requiring the filing of reports and notices relating to Hazardous Substances.

16. **Amendment.** This Agreement may not be amended, extended or modified without the written consent of the parties hereto.

17. **Captions.** The section headings in this Agreement are inserted for convenience of reference only and shall not in any way affect the meaning or construction of this Agreement.

18. **Entire Agreement.** This Agreement embodies the entire agreement and understanding between the parties and supersedes any prior oral or written agreements with respect to the matters stated herein.

19. **Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original instrument and all of which together shall constitute one and the same instrument. A facsimile, electronic, or photocopy signature shall have the same legal effect as an original signature.

20. **No Other Rights.** This Agreement does not give Licensee any other right with respect to the Property, including, but not limited to, closure of streets, sidewalks or other public thoroughfares. Any rights not specifically granted to Licensee by and through this Agreement are reserved exclusively to the City.

21. **No Further City Obligations.** The execution of this Agreement does not obligate the City or the City Parties to provide Licensee or Licensee's Agents with any other assistance. Without limiting the generality of the foregoing, the City shall not provide any security, maintenance, or custodial services to the Property.

22. **Security; Full Liability.** Licensee assumes all legal and financial responsibility and liability for any and all uses of the Property by Licensee and its Agents during the Term, or upon the expiration of the Term if Licensee continues to access the Property. Licensee shall be

responsible for properly securing and safeguarding the Property and all Personal Property during the Term, and shall be liable for failing to so secure and safeguard the Property and Personal Property. Licensee acknowledges that the City has no security responsibilities with respect to the Property or the Personal Property under this Agreement. This Section 22 shall survive the expiration or earlier termination of this Agreement.

23. **No Principal/Agent or Partnership Relationship.** Nothing contained in this Agreement shall be deemed or construed by the parties hereto or by any third party as creating the relationship of principal and agent or of partnership or of joint venture between the parties hereto.

24. **No Alcohol or Drugs.** Licensee agrees that no alcoholic beverages or illegal drugs of any kind or nature shall be sold, given away, or consumed on the Property by Licensee or its Agents.

25. **No Competing Off-Street Parking.** If the Activity includes use of the Property for parking of motor vehicles, Licensee shall not charge any person or entity to park their vehicle on the Property if it is within one mile of an on-street parking meter or City-owned metered parking lot. In the event that Licensee violates this provision, Licensee understands and agrees that it shall be liable for any costs or fees the City must pay in compensation to Chicago Parking Meters, LLC for operation of a competing parking facility in violation Metered Parking Concessions Agreement entered into between the City and Chicago Parking Meters, LLC.

26. **Coordination and Oversight.** Licensee acknowledges that the City may require coordination with the Department of Assets, Information & Services, which coordination may be necessary due to existing facilities, operations or other particular circumstances. Licensee acknowledges that any assistance or oversight provided by the City with respect to the Activity shall be provided at the City's sole and exclusive discretion and convenience.

27. **City Use Paramount.** Licensee shall refrain from undertaking any activities that interfere with the City's use of the Property as determined by the City in its sole discretion. The City reserves the right to terminate Licensee's use of the Property at any time in the event such use interferes with the City's use of the Property or with any other municipal purpose or interest in the City's sole discretion.

28. **Time is of the Essence.** Time is of the essence for all obligations and deadlines contained in this Agreement.

29. **Assignment.** This Agreement may not be assigned by Licensee.

30. **Exhibits.** All exhibits referred to herein and attached hereto shall be deemed part of this Agreement.

31. **Non-Discrimination.** Licensee shall not discriminate against any person in connection with its use of the Property based upon race, religion, color, sex, national origin or ancestry, age, handicap or disability, sexual orientation, military discharge status, marital status,

parental status or source of income as defined in the City of Chicago Human Rights Ordinance, Chapter 2-160, Section 2-160-010 et seq., Municipal Code.

32. **Severability.** If any provision of this Agreement is deemed to be unenforceable by any court of competent jurisdiction, it shall not affect the enforceability of any other provision.

33. **Governing Law; Consent to Jurisdiction.** This Agreement shall be governed and construed in accordance with the laws of the State of Illinois without reference to its conflicts of laws principles. Licensee waives any objection to the venue of any action filed in any court situated in the jurisdiction in which the Property is located.

34. **Licensee's Authority.** Licensee represents, warrants, and covenants that it is duly organized, validly existing and qualified to do business in Illinois; that it has the right, power and authority to execute and deliver this Agreement and to perform its obligations hereunder; that the person signing this Agreement on behalf of Licensee has the authority to do so; and that this Agreement shall be binding upon and enforceable against Licensee in accordance with its terms.

(Signature Page Follows)

IN WITNESS WHEREOF, the parties have executed this Agreement as of the Effective Date.

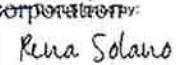
CITY OF CHICAGO, an Illinois municipal corporation

By: 

Sandra Blakemore
Commissioner
Department of Assets, Information and Services

LICENSEE:

Lincoln Park Zoological Society, an Illinois not-for-profit corporation

By: 
77F4D78A7783475

Rena Solano

Print Name: _____

Title: CFO

EXHIBIT A

INSURANCE REQUIREMENTS

Licensee must procure and maintain, and cause its Agents to procure and maintain, at Licensee's own expense (or the expense of its Agents as applicable) during the Term, the insurance coverages and requirements specified below, insuring all operations related to the Activity.

Workers Compensation and Employers Liability

Workers Compensation Insurance, as prescribed by applicable law covering all employees who are to provide work in connection with the Activity, and Employers Liability coverage with limits of not less than \$500,000 each accident, illness, or disease.

Commercial General Liability (Primary and Umbrella)

Commercial General Liability Insurance, or equivalent, with limits of not less than \$2,000,000 per occurrence for bodily injury, personal injury, and property damage liability. Coverages must include the following: All premises and operations, products/completed operations, independent contractors, separation of insureds, defense, and contractual liability (not to include Endorsement CG 21 39 or equivalent).

The City of Chicago is to be named as an additional insured under the Licensee's and any subcontractor's policy. Such additional insured coverage shall be provided on ISO endorsement form CG 2010 for ongoing operations or on a similar additional insured form acceptable to the City. The additional insured coverage must not have any limiting endorsements or language under the policy such as but not limited to, Licensee's sole negligence or the additional insured's vicarious liability. Licensee's liability insurance shall be primary without right of contribution by any other insurance or self-insurance maintained by or available to the City. Licensee must ensure that the City is an additional insured on insurance required from subcontractors.

Automobile Liability (Primary and Umbrella)

When any motor vehicles (owned, non-owned and hired) are used in connection with the Activity, the Licensee must provide Automobile Liability Insurance with limits of not less than \$2,000,000 per occurrence for bodily injury and property damage. The City of Chicago is to be named as an additional insured on a primary, non-contributory basis.

When applicable, coverage extension must include a) an MC-90 endorsement where required by the Motor Carrier Act of 1980 and b) pollution coverage for loading, unloading and transportation of hazardous materials.

Professional Liability

When any architects, engineers, construction managers or other professional consultants

perform work or services in connection with the Activity, Professional Liability Insurance covering acts, errors, or omissions must be maintained with limits of not less than \$1,000,000. When policies are renewed or replaced, the policy retroactive date must coincide with, or precede start of work under this Agreement. A claims-made policy which is not renewed or replaced must have an extended reporting period of two (2) years.

Contractors Pollution Liability

When any remediation work is performed which may cause a pollution exposure, Contractors Pollution Liability must be provided covering bodily injury, property damage and other losses caused by pollution conditions that arise from the Activity with limits of not less than \$1,000,000 per occurrence. Coverage must include completed operations, contractual liability, defense, excavation, environmental cleanup, remediation and disposal. When policies are renewed or replaced, the policy retroactive date must coincide with or precede start of work on this Agreement. A claims-made policy which is not renewed or replaced must have an extended reporting period of two (2) years. The City of Chicago is to be named as an additional insured.

Property

The Licensee is responsible for all loss or damage to City property at full replacement cost that results from the Activity.

The Licensee is responsible for all loss or damage to Personal Property.

ADDITIONAL REQUIREMENTS

The Licensee must furnish, or cause its contractors or subcontractors to furnish, to the City of Chicago, Department of Assets, Information & Services, 2 N. LaSalle, Suite 200, Chicago, IL 60602 original Certificates of Insurance, or such similar evidence, to be in force on the date of this Agreement, and Renewal Certificates of Insurance, or such similar evidence, if the coverages have an expiration or renewal date occurring during the term of this Agreement. The Licensee must submit evidence of insurance on an Insurance Certificate Form prior to execution of this Agreement. The receipt of any certificate does not constitute agreement by the City that the insurance requirements in this Agreement have been fully met or that the insurance policies indicated on the certificate are in compliance with all requirements in this Agreement. The failure of the City to obtain certificates or other insurance evidence from Licensee (or its contractors or subcontractors as applicable) is not a waiver by the City of any requirements for the Licensee to obtain and maintain the specified coverages. The Licensee shall advise all insurers of the provisions regarding insurance in this Agreement and the nature of its use of the Property. Non-conforming insurance does not relieve Licensee of the obligation to provide insurance as specified herein. Nonfulfillment of the insurance conditions constitutes a violation of this Agreement, and the City retains the right to order Licensee to cease all activities on the Property until proper evidence of insurance is provided or terminate this Agreement.

The Licensee must provide prior written notice to be given to the City in the event coverage

is substantially changed, canceled, or non-renewed.

Any deductibles or self-insured retentions on referenced insurance coverages must be borne by Licensee.

Licensee hereby waives and agrees to require their insurers to waive their rights of subrogation against the City of Chicago, its employees, elected officials, agents, or representatives.

The coverages and limits furnished by Licensee in no way limit the Licensee's liabilities and responsibilities specified within this Agreement or by law.

Any insurance or self-insurance programs maintained by the City of Chicago do not contribute with insurance provided by the Licensee under this Agreement.

The required insurance to be carried is not limited by any limitations expressed in the indemnification language in this Agreement or any limitation placed on the indemnity in this Agreement given as a matter of law.

If the Licensee maintains higher limits than the minimums shown above, the City requires and shall be entitled to coverage for the higher limits maintained by the Licensee. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

If Licensee is a joint venture or limited liability company, the insurance policies must name the joint venture or limited liability company as a named insured.

The Licensee must require all subcontractors to provide the insurance required herein, or Licensee may provide the coverages for subcontractors. All subcontractors are subject to the same insurance requirements of Licensee unless otherwise specified in this Agreement. Licensee must ensure that the City is an additional insured on Endorsement CG 2010 of the insurance required from subcontractors.

Notwithstanding any provision in this Agreement to the contrary, the City of Chicago Risk Management Department maintains the right to modify, delete, alter or change these requirements.

The City is not responsible for providing insurance or security for the Property, or any Personal Property of Licensee or any of its contractors, subcontractors or other agents related to or in connection with the Activity.

EXHIBIT B
SCOPE OF WORK

(Begins on next page)



Summary of proposed research activities

Lurie Garden

Since 2010, the Urban Wildlife Institute has monitored terrestrial mammals and bats at over 100 green spaces across the Chicago Metropolitan Area as part of a long-term biodiversity monitoring study. This research has now been replicated in cities across the world as part of the Urban Wildlife Information Network (urbanwildlifeinfo.org), a global collaboration of research partners studying the impacts of urbanization on wildlife, founded by Lincoln Park Zoo. The goal of this research is to understand how wildlife live in cities to ultimately inform urban planning and design that promotes human-wildlife coexistence. Data collected contribute to scientific publications and annual summaries are provided to landowners.

I. Terrestrial Mammal Diversity

Our objective is to examine mammalian species distribution across urban-rural transect gradients within the greater Chicago area using trail cameras. We are investigating the influence of urban development, landscape connectivity, habitat type, socioeconomic variables, and other factors on the distribution of wildlife species as revealed by the trail camera data.

Visits to Lurie Garden will occur every two weeks over a four-week period during each season (winter-January, spring-April, summer-July, and fall-October) and last no longer than 30 minutes. Personnel consist of two-three individuals visiting the site. During the initial visit, a single small remotely triggered **trail camera (e.g., Bushnell Essential E3; Fig. 1A)** equipped with infrared light is secured to a tree using a nylon strap. Cameras are labeled with zoo contact information and locked in place using a cable lock to deter theft or vandalism. During the second visit, we check the camera, change batteries if needed, and switch out the memory card. Cameras are removed from sites during the third and final visit (4 weeks after deployment).

Photos are stored in a password-protected database and reviewed by trained volunteers and staff. Cameras are set in locations away from human activity to avoid photos of humans. Cameras are angled at a 45-degree angle to avoid capturing faces on camera.

II. Passive acoustic bat monitoring

In addition to monitoring terrestrial mammals, the Urban Wildlife Institute conducts passive acoustic monitoring of bat species at 24 sites in Cook County between May and October annually. To explore bat species assemblages in urban areas, we temporarily secure a single **passive ultrasonic recorder equipped with an ultrasonic microphone (e. g., Wildlife Acoustics SM4Bat+; Fig. 1B)** to a tree using a bungee cord. All equipment is labeled and secured with a cable lock to deter theft. Locations are sampled for 7 days on average, from sunset to sunrise, in three sampling sessions: spring (May; sampling session 1), summer (July: sampling session 2), and fall (September; sampling session 3). After each recording session, call files are scrubbed and classified using Sonobat software and a 90% confidence level. Calls are included in the analysis if the software agreed on classification of a majority of the call passes (maximum of 32 passes per call). We vet calls if we detect 10 or fewer calls per species, per sampling session. We remove calls from the analysis if we disagree with Sonobat's classification.



LINCOLN PARK ZOO.

FOR WILDLIFE. FOR ALL.

Recordings are of ultrasonic frequency sound only, thus no human sounds are recorded. Recordings are stored at the Lincoln Park Zoo and are accessed by researchers.



A)

B)

Figure 1. A) A trail camera attached to a tree. B) An ultrasonic recorder secured with a bungee cord and equipped with an ultrasonic microphone extended on a pole.