2018 Educational Programs

- Connected with 3496 visitors
- Year-round public banding days and bird hikes
- Public bird programs scheduled each season for a variety of age levels & interests
- Bird programs for school field trips, universities, garden clubs, nature club, AP Environmental Science students, summer camps and other groups scheduled by request
- Special Bird Celebration events held in February, April, August and October each year
- Additional programs for “Year of the Bird” to celebrate the 100 year anniversary of the Migratory Bird Act
- Public invited to observe and participate in bird research projects and get involved with citizen science

2018 Research Projects

1. **Long-term Fall Migration Bird Banding Project & Banding Station** (1982); focus on long-term trends in species composition, numbers, longevity, & importance of Park as migratory stop-over site
2. **Long-term Winter Bird Banding Project** (1983); focus on long-term trends in species composition, numbers, timing of arrival & departure of winter residents, and species longevity
3. **Long-term Spring Migration Bird Banding Project** (1983); focus on long-term trends in species composition, timing & health/condition of migrating birds, and species longevity
4. **MAPS - Monitoring Avian Productivity & Survivorship** (1991) Institute of Bird Populations; continent-wide collaborative banding effort; to research bird populations, understand breeding habitat, and relationship between population changes and weather, climate, and habitat loss
5. **Breeding Bird Survey** (1985); modeled after national Breeding Bird Survey to track status and trends of breeding bird populations in North America
6. **Bluebird Nesting Box Project** (1936); Diana McLusky coordinator; started by Amelia Laskey, nationally known ornithologist; focus on occupancy rate and breeding success
7. **Purple Martin Nest Box Project** (2002); Heather Gallagher coordinator; assess population & timing
8. **Hummingbird Banding Project** (2002); Heather Gallagher coordinator; focus on health, timing, and numbers of migrating hummingbirds
10. **Project FeederWatch** (1997) Cornell Lab of Ornithology and National Audubon, Melissa Donahue coordinator; long-term trends in distribution & abundance
12. **Bird Genoscape Project** (2015) with UCLA Center for Tropical Research; Laura Cook coordinator; maps population-specific routes of migratory songbirds to develop conservation strategies
13. **Fall, Winter and Spring Bird Counts** (1927) in partnership with the Nashville Chapter of Tennessee Ornithological Society; assess long-term population trends
14. **iNaturalist Project** (2018) California Academy of Sciences & National Geographic Society; Patty Ghertner coordinator, citizen-science project to identify & document species; Warner Park Biodiversity Project
15. **Barn Swallow Survey** (2018) Laura Cook coordinator; assess population trends; project contributes to iNaturalist Swallow Tracker Project

**BIRD Program in an “Egg Shell”**

<table>
<thead>
<tr>
<th>2018</th>
<th>15 Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research and Programs</td>
<td></td>
</tr>
<tr>
<td>Bird Banding Station</td>
<td>49 Banding sessions and 943 birds banded / recaptured</td>
</tr>
<tr>
<td>Participants and Programs</td>
<td>3496 Visitors and participants and 60 bird programs presented</td>
</tr>
<tr>
<td>BIRD Volunteers</td>
<td>Team of 54 trained volunteers including Assistant BIRD Coordinator</td>
</tr>
<tr>
<td>Volunteer Hours Contributed</td>
<td>2051 Volunteer hours and 619 visits</td>
</tr>
<tr>
<td>Partner Organizations</td>
<td>21 Partners</td>
</tr>
<tr>
<td>BIRD Intern</td>
<td>1 Intern funded by Lipscomb University Biology Department</td>
</tr>
<tr>
<td>BIRD Staff</td>
<td>2 (starting 1 May) part-time staff funded by Friends of Warner Parks</td>
</tr>
</tbody>
</table>
2018 Highlights

- Kathy Shaw, Volunteer Assistant BIRD Coordinator, was honored at the Mary Catherine Strobel Awards Ceremony for her over 20 years of volunteer dedication to the BIRD Program!
- BIRD volunteers Allison Salas, Kathy Shaw and Sandy Bivens authored Consider the Indigo Bunting in the TN Conservationist.
- For the third year, the Lipscomb University Biology Department and Dr. John Lewis partnered with the nature center and FOWP to fund a summer BIRD Intern; LU Biology student Sarah McCune was the 2018 BIRD Intern.
- The second annual, “Hummingbird Happy Hour an evening of art and jazz for the birds,” event was chaired by Beth Preston and Linda Breggin. This sold out event raised $14,500 to support bird education and research! Listed in NFocus Best Parties 2018.
- Special bird photography exhibit by Chris Sloan, Graham Gerdeman and Ed Schneider opened at the Hummingbird Happy Hour and remained until the end of the year. Sales from the exhibit supported bird education and research.
- Two new BIRD projects added; iNaturalist & Barn Swallow Survey
- Banded the first ever Barn Swallows (nestlings) at Warner Park
- Caught a snake (midland water) in a mist net for the first time ever
- Laura Cook, a volunteer since 2016, joined the BIRD staff and will transition into the coordinator position in 2019.
- Special thanks to the B.I.R.D. subcommittee led by Board Member Chris Sloan, with John Lewis, Janeth McKendrick, Kathy Shaw, Diana McLusky, John Kell, Graham Gerdenman, Vera Roberts and Mark Weller.

2018 Volunteers

- Volunteers contributed 2051 hours and 619 visits
- A dedicated & expert team of 54 volunteers made these programs and projects possible:

Kathy Shaw
Diana McLusky
Susan Bradfield
Ethel Kawamura
Laura Cook
Kim Bailey
Rachel Anderson
John Kell
Leah LaRocco
Melinda Welton
Sue Shallow
Allison Salas
Marion Pratt
Cheryl Brummal
Amy Potter
Camille Monohan
Janeth McKendrick
Patty Ghertner
Rebecca Dandekar
Margie Hunter
Beth Preston
Jean Louise Barnes
The Barnes Family
Laurie Campbell
Katie Doyle
MaryGlen Williamson
Linda Breggin
Sarah MCune
Justin Hiltner
Bob Parrish
Julie Petcu
Matt Jenkins
Emily Moorman
Graham Gerdenman
Dr. John Lewis
Chris Sloan
Denise Weyer
Melissa Donahue
Heather Gallagher
Vera Roberts
Cody Cook
Haley Powell
Terry Cook
Beth Adams
Barbara Kell
Johnny Rose
Matt Wilkins
Sandra Smith
Kelly Longenecker
Emma Miller
Robert Boreman
Elizabeth Lamar
Margaret Tyler
Elizabeth Cook

2018 BIRD Program Supporters ($1000 & over)

- Andrea Waitt Carlton Family Foundation
- The Barbara J. Mapp Foundation
- Charles Foundation
- The Wood Thrush Shop
- Margaret Robinson
- Baker, Donelson Bearman, Caldwell, Berkowitz
- Steve and Beth Preston
- CBRE
- Ghertner and Company, Inc
- Tennessee Wildlife Resources Agency

Submitted by BIRD Coordinators Sandy Bivens and Laura Cook and volunteer Assistant Coordinator Kathy Shaw, January 2019