

**What:** The annual Animal Crackers program provides New York youth with fun hands-on science-oriented experiences on Animal Science topics which feature the unique facilities and staff of Cornell University.

**When/Where:** This Saturday workshop in May is held on campus for 4-H members interested in learning more about the sciences behind their favorite livestock, companion, or pet animal species; emphasis on different species groupings and activities varies annually. The program is geared to 4-H members in the early stages of an animal science project.

**Who:** Beginning 4-H project members (suggested age range 9-12) are strongly encouraged to attend (with their parents or chaperones). However, all youth 9 and up are welcome. Participants will get to meet Cornell faculty and students, learn about different aspects of animal care, interact and exchange information with professional producers, industry experts and more! Hands-on workshops are planned for each species group.

**Why?** Animal Crackers participants have the unique opportunity to experience hands-on activities in a university setting, explore career options in animal science, and expand their knowledge through scientific inquiry.

**How?** Please contact your county 4-H office for details and registration. Registration is handled through county 4-H offices.

**Cost?** The cost of \$7.00 per person is billed directly to the counties to cover basic handout and occasional presenter expenses.

## For Information Contact:

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### For more info, visit:

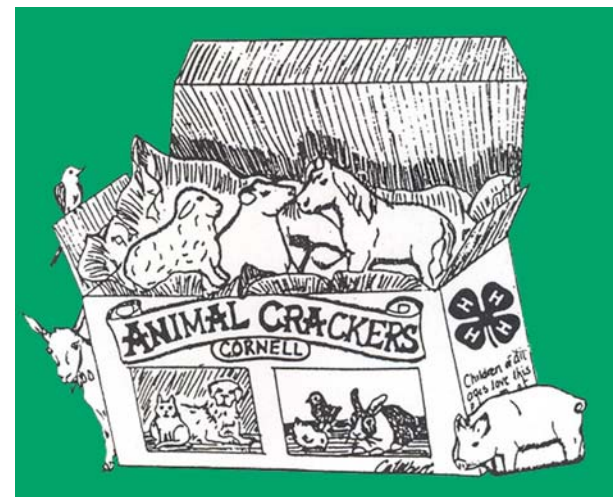
[www.ansci.cornell.edu/4H/crackers/](http://www.ansci.cornell.edu/4H/crackers/)

or to find a CCE office near you  
[http://cce.cornell.edu/learnAbout/Pages/Local\\_Offices.aspx](http://cce.cornell.edu/learnAbout/Pages/Local_Offices.aspx)



Cornell University  
Cooperative Extension

4-H is a youth development program of the Cooperative Extension Service and the United States Department of Agriculture. The name 4-H and the clover emblem are protected by Federal Statute Citation 18 U.S.C. 707



# Animal Crackers

New York State

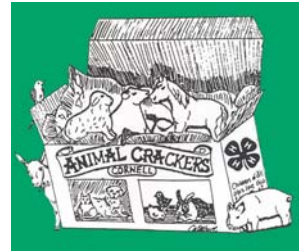
## 2014

*The annual Animal Crackers program provides New York youth with fun hands-on science-oriented learning experiences on Animal Science topics which feature the unique facilities and staff of Cornell University.*

May 3, 2014  
9:00 a.m.—3:00 p.m.  
Cornell University



New York State  
**Animal Crackers**  
2014



### Poultry Stations:

**Healthy Habits** – Find out what you need to do to keep your birds healthy. Learn more about common flock health concerns in NY and how to prevent and treat disease.

**Nutrition Needs** – Are your birds being fed a well-balanced diet? Discover what your birds need on a daily basis to stay healthy and learn how to read a feed tag to better understand what your birds are being fed.

**Egg Science** – Which came first, the chicken or the egg? Find out more about the parts of an egg and how eggs are made by a hen.

**Be the Judge** – Are you interested in trying a new breed? Which breed is best for you? Learn about different poultry breeds, what purposes they have and things a judge looks for.

**Groom Room** – Get a step up on showmanship this year by learning the ins and outs of properly grooming your bird and how to safely handle the birds when grooming, transporting and showing.

**Housing for Birds** – How much space does one backyard flock need? Increase your knowledge on poultry space requirements and different types of housing options to meet bird needs.

### Schedule of “The Eggciting World of Dairy and Poultry”

**9:00 – 9:30am – Registration in Morrison Hall Lobby**

**9:30 – 9:45 Welcome – 146 Morrison Hall - T. Nigel Gannon, NYS 4-H Healthy Living Program Specialist**

**9:45 – 10:20 –Speaking from Experience- Mary Cope, NYS 4-H Poultry Team member & Casey Porter, Jr. Dairy Leader/ NYS Dairy Princess**

**10:30 – 10:55 – Workshop 1**

**11:00 – 11:25 – Workshop 2**

**11:30 – 11:55 – Workshop 3**

**12:00 – 12:55 In the Livestock Pavilion bring your lunch and enjoy a Cornell Raptor Program Demo**  
<http://ansci1.abc.cornell.edu/raptor/index.html>  
& join local and state Dairy Princesses for a dairy beverage

**1:00 – 1:25 – Workshop 4**

**1:30 – 1:55 – Workshop 5**

**2:00 – 2:25 – Workshop 6**

### Closing Program (2:30- 3:00):

In the Auditorium of Morrison Hall – See yourself in pictures and join **Morgan Shaver – CALS (Class of 2014), Agricultural Education & International Ag/Rural Development Student** for a glimpse at an International 4-H experience. Then complete your evaluations and pick up your animal crackers.



### Dairy Cattle Stations:

**Holy Cow-Here's** your chance to feel a rumen in motion as you stick your arm into a fistulated cow. Learn more about how the efficient “green machine” and rumen bugs work together.

**Grooming for Greatness-** Learn how to clip, trim and fit your calf for a show, visitors and just because you want to make her feel like a million bucks. There are techniques and tips that can help you wash and clip your beauty to fame.

**Repro Depot-** All hands in to learn about technique and anatomy in A.I. Then try your arm at Artificial Insemination.

**Make the Best Better-** Here is your chance to churn and shake your way to create your very own dairy product. What flavor will they come up with next?

**Be a Weight Watcher-** Our heifers, with proper nutrition and housing, should gain adequate weight daily to reach their best weight and size at the appropriate age. Taping and charting your heifer's height and weight can lead to the best package. Learn how to use a weight tape and gather information to chart your heifer's growth rates. Let's give her a BCS too.

**Getting the Inside track-** After you have learned and tried your hand at artificial insemination, get a closer look inside and see what you were missing.