

# CORNELL ABC's OF THE INCUBATION AND EMBRYOLOGY WORKSHOP

“Everything you wanted to know about I & E”.

November 7-8, 2007

Morrison Hall

Cornell University

A comprehensive workshop and unique opportunity for everyone to learn and to teach I&E in counties, clubs and schools. Lectures, demonstrations, and hands-on experiences will be offered. All questions and concerns will be answered by qualified and experienced experts in the field.

A workshop of this nature may not be repeated in the foreseeable future. For this very reason, registration will be accepted on a “first come first serve” basis as space is limited. Please inform interested people in your area to plan to attend this special event.

## Education Committee:

- \* Dr. Benjamin Lucio, NYS Poultry Health Veterinarian, Director of Cornell Poultry Health Program
- \* Dr. R.E. Austic, Professor of Poultry Science and Nutrition, Cornell
- \* Dr. Debbie Cherney, Associate Professor, Animal Welfare, Cornell
- \* Dave Hillmann, retired 4-H Educator
- \* Tom Davis, Extension Issue Leader, CCE-Educator of Orange County
- \* Tro Bui, Department of Animal Science, Cornell

Please send check made payable to **Cornell University** and postmarked by October 26, 2007 to:

Joanne Parsons, Cornell University, 247 Morrison Hall, Ithaca, NY 14853-4801

Phone: 607-255-6600 Fax: 607-255-9829 E-mail: [jgp1@Cornell.edu](mailto:jgp1@Cornell.edu)

We can bill through the Cornell Accounting if that is preferred. Please let us know.

*Please complete and return:*

Name(s): \_\_\_\_\_

Number of people attending: \_\_\_\_\_ @ \$30/person. Phone or e-mail: \_\_\_\_\_

County to be billed: \_\_\_\_\_ Total amount enclosed: \_\_\_\_\_

Indicate if you will need a parking permit for: \_\_\_\_ Nov. 7<sup>th</sup> \_\_\_\_ Nov. 8<sup>th</sup> (each car is required to have a Cornell parking permit each day). Park in the South Morrison parking lot. Your permit will be available for pick up at registration.

A block of rooms have been reserved at the Ramada Inn, 2310 N. Triphammer Road (607) 257-3100 @ a cost of \$79.95 + tax. Room reservation deadline is Oct. 19, 2007; ask for “Cornell Incubation and Embryology Workshop”.

## TENTATIVE SCHEDULE

Room 173 Morrison Hall

### November 7, 2007

- 12:45 – 1:00 Registration and refreshments
- 1:00 – 1:15 Welcome and Introductions
- 1:15 – 2:00 Show and Tell-bring your ideas and things that work for you to share-the most important part of any workshop like this is sharing. So bring your ideas and stuff to share. Your simplest suggestion can be a gold mine for someone else's program. - Dave Hillmann, Tom Davis and Tro Bui
- 2:00 – 3:00 The chicken embryo; From a 4-H Incubation project to leading scientific research for nutrition and health. - Dr. Richard Austic
- 3:00– 5:30 The ABC's of the I&E training to increase your own skills and providing training and support for teachers, volunteers, etc. - Dave Hillmann, Tom Davis and Tro Bui
- Resources
  - Handling fertile eggs
  - Preparing and setting up the incubator
  - Setting eggs
  - Daily routine for successful hatching
  - On the 18<sup>th</sup> day
  - Preparing for the hatch
  - Care of chicks after the hatch
  - Finding a home for the hatch
  - What's different from ducks, quails, turkeys and geese
  - Trouble shooting incubation problems
  - Developing and maintaining a source of fertile eggs
- 5:30 Turkey Dinner 348 Morrison Hall
- 6:30 p.m. Demonstrations and hands-on practice: Candling eggs, Methods of observing embryos – *in vivo*, *in vitro*, and window in the egg.- Dave Hillmann, Tom Davis and Tro Bui

### November 8, 2007 – 173 Morrison

- 8:00 am Coffee and Donuts
- 8:30–10:00 Common health problems and how health problems relate to poor hatchability of eggs. Questions and answers. - Dr. Benjamin Lucio
- 10:00–11:00 A real look at the reproductive tract of the hen and basic nutrition for reproduction. Dr. Richard Austic.
- 11:00-11:30 Animal welfare as related to the chick hatching project. - Dr. Debbie Cherney
- 11:30 Adjourn - - Have a safe trip home.