

# Center Of Excellence

*Scholarship/Internship Program*  
*Summer 2012*



Sponsored by

*Midwest Poultry Consortium*



Photo courtesy of Hy-Line International

*Scholarship Application Deadline - December 2, 2011*

## **The Midwest Poultry Consortium's Center of Excellence Scholarship/Internship Program**

The Midwest Poultry Consortium's Center of Excellence Scholarship Program (COE) offers strong research-based poultry science education in a welcoming, friendly environment. Faculty and industry members throughout our participating states collaborate to provide students with a unique educational experience and employment opportunities. Courses are taught at the University of Wisconsin-Madison with credits transferring to the student's home university.

The program offers 18 poultry science credits in two six-week summer sessions. Problem solving and state-of-the-art laboratory training is integrated with industry field trips to complement interactive lectures and discussions. This series of courses can combine with a number of majors (i.e., Ag Engineering, Animal Science, Food Science, Veterinary Science, Ag Economics, Marketing, Biology) to expand students' opportunities for a rewarding career in the poultry industry.

### **Nationally Recognized Faculty**

Courses are prepared and taught by outstanding faculty from participating universities, related agencies, and experienced poultry industry representatives. The six courses are offered in a sequence of Summer Sessions I and II.

### **Wednesday Night Forums**

On Wednesday evenings, representatives from the poultry industry meet with students. Students are able to interact with industry leaders, learn more about the poultry industry, and explore future career opportunities. Student attendance is required.

### **Research Labs and Instructional Support**

The Poultry Research Laboratory, located one-half block from the Animal Sciences building, is used to facilitate class exercises. Student laboratories are furnished with appropriate electronic teaching aids and individual student microscopes equipped with video screen monitors. Lecture halls are equipped with modern audio/visual technology.

### **Valuable Industry Internships**

The Midwest Poultry Consortium coordinates internships and on-the-job opportunities for COE students. The internship will fit into the academic timetable for each participating university and will complement the summer's academic courses at the University of Wisconsin-Madison. Students are able to take courses for six weeks and work in a poultry-related internship for the remainder of the summer.

# **What are COE Graduates Saying Now?**



***"COE gave me opportunities to network with several companies and I was offered a great job once I graduated. The people I've met will not only be life-long friends, but valuable resources."***

### **Kelsey Campbell**

**GNP (Gold'n Plump) - Broiler Service Representative  
COE Class of 2006-2007**



***"The internships provided by the COE program gave me hands-on experience in several different areas which gave me more options for employment after graduation."***

### **Joseph Dart**

**Rose Acre Farms - Live Production Program Administrator  
COE Class of 2007-2008**

# Gain the Added Advantage

**Daily Lecture:** Morning session, Monday - Friday (Class held on Memorial Day - May 28)

**Daily Lab:** Afternoon session, Monday - Friday (Lab held on Memorial Day - May 28)

## SUMMER SESSION I

This is the curriculum for first year COE students (prerequisite: college level chemistry course.) Course offerings:

### Avian Physiology, 3 cr.

#### Animal Sciences 503 (AS 503)

May 21 - June 1, 2012

Introduces systemic physiology of avian species with emphasis on functions related to production; included are endocrine and neural control, special senses, cognition and behavior, thermoregulation, and the major organ systems (cardiovascular, muscular, skeletal, respiratory, renal, and reproductive).

### Breeder Flock and Hatchery Management, 3 cr.

#### Animal Sciences 511 (AS 511)

June 4 - June 15, 2012

Focuses on the production of high quality day-old chicks and poults and the management factors involved with breeder flocks, incubation, and embryology. Aspects of operating a hatchery are also included. Field trip(s) planned.

### Poultry Products Technology, 3 cr.

#### Animal Sciences 508 (AS 508)

June 18 - June 29, 2012

Explores procurement, processing, and distribution of poultry meat, eggs, and further processed products. Composition, quality measurements, preservation, and economics are related to the biochemistry, microbiology, and technology involved in current processing methods.

## SUMMER SESSION II

This is the curriculum for second year COE students (prerequisite: college level chemistry course.) Course offerings:

### Poultry Nutrition, 3 cr.

#### Animal Sciences 314 (AS 314)

May 21 - June 1, 2012

Develops a conceptual understanding of nutrient requirements for optimal growth and production of commercial poultry species. The use of computer programming for feed formulation is emphasized.

### Avian Health, 3 cr.

#### Animal Sciences 512 (AS 512)

June 4 - June 15, 2012

Trains students to identify diseases that commonly plague poultry. Instruction on animal well-being, transport regulations, disease surveillance, and methods of disinfection and sanitation are included. Field trip(s) planned.

### Poultry Enterprise Management, 3 cr.

#### Animal Sciences 315 (AS 315)

June 18 - June 29, 2012

Offers current poultry management priorities presented by industry professionals. Segments of poultry business management that will be featured include: processing plant, feed milling, production complex, flock service personnel, transportation, and construction of large poultry barns, etc.

*These are accelerated courses; therefore, daily attendance is required.*

**Average annual salary of these former COE graduates is \$40,000 plus benefits!**



***"The COE program provided me the knowledge and experience I needed to begin my career within the poultry industry. Through internships and networking opportunities, I was able to have a great job secured even before I graduated."***

### Nancy Warfield

Jennie-O Turkey Store - Live Production Technical Services Research/QA Coordinator **COE Class of 2008-2009**



***"The COE Program lays out a great foundation for any poultry career. The faculty were great; no aspect of the poultry industry is left out."***

### Zane Baker

Sparboe Farms - Pullet Farm Manager **COE Class of 2009-2010**

## MPC SPONSORS

Adiseo  
AgStar Farm Credit Services  
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American Dehydrated Foods  
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Center Fresh Group  
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ChemGen  
Chick Master  
Chore-Time, Egg Prod. Sys.  
CHS Foundation  
Cooper Farms  
Danisco Animal Nutrition  
DSM Nutritional Products  
Elanco Animal Health  
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FACCO USA  
Farm Credit Services of America  
Farm Credit Services of Mid-Amer.  
Farmer Automatic of America  
Farmer's Hen House  
Florida Poultry Federation  
Fremont Farms of Iowa  
Frost, LLC  
GNP (Gold'n Plump)  
Godfather's Exterminating  
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Henning Construction  
Herbruck's Poultry Ranch  
Hidden Villa Ranch  
Hybrid Turkeys  
Hy-Line North America  
ILC Resources  
Iowa Egg Council  
Iowa Turkey Marketing Council  
Jennie-O Turkey Store  
Jones-Hamilton Co.  
Katolight by MTU Onsite Energy  
Kemin AgriFoods  
Koechner Manufacturing  
Land O'Lakes Purina Feed  
Life Science Innov. (Willmar Poultry)  
Lohmann Animal Health  
MacFarlane Pheasants  
Maple Leaf Farms  
Michael Foods  
Michigan Allied Poultry Industries  
Midwest Livestock Systems  
Midwest Poultry Federation  
Midwest Poultry Services  
Miller Poultry  
Minnesota Turkey Council  
Naturally Recycled Proteins  
Nebraska Eggs  
Nebraska Poultry Industries  
North America Game Bird Assn.  
Novus International  
Ohio Poultry Association  
Perdue Farms  
Primera Foods  
Rembrandt Enterprises  
Ridley Feed Ingredients  
Rose Acre Farms  
Sanovo Engineering  
SD Poultry Industries Assn.  
Sonstegard Foods  
Sparboe Farms  
Tigges, Kent  
Tom-Cin Metals  
United Egg Producers  
University of Florida  
University of Minnesota  
University of Nebraska-Lincoln  
Val Products  
Valo BioMedia North America  
Vencomatic  
Wabash Valley Produce  
Wells Fargo Bank  
West Liberty Foods  
Wisconsin Poultry & Egg Ind.

# What's In It For You?



- **Education & Internships**
- **Networking**
- **Employment Opportunities**
- **Life Long Friends**
- **A GREAT Summer in Madison!**



## How Do I Apply?

### **Online Application**

Submit an application online at [www.mwpoultry.org](http://www.mwpoultry.org); only online applications will be accepted. Application on facing page is for reference only.

### **Transcript**

Send an official copy of your transcript directly from the Registrar's Office to the MPC office (online transcripts directly from Registrar's office accepted).

### **Statement of Interest**

In order to qualify for this scholarship, you must submit a **statement of interest** explaining why you would like to be accepted into the COE scholarship program and how the program might benefit your career plans (no longer than one page, 12 pt. font, 1-inch margins, double spaced).

### **Resume/Internship Interest**

Internship placements are determined according to experience and areas of interest. Scholarship preference will be given to applicants willing to work an internship provided by an MPC Member Company (please note: Internship Fulfillment Policy).

### **Admission**

MPC scholarships are awarded to up to 30 students (a large percentage of applicants are accepted into the Program). Scholarship selection is based on a combination of the following criteria: faculty recommendation, academic record, quality of application, and statement of interest. Preference is given to those students enrolling in three consecutive courses per session and those willing to complete an internship. Phone interviews will be conducted in December.

*"Those were the best two summers I had in my college career!" - COE graduate*

**Apply Online** at [www.mwpoultry.org](http://www.mwpoultry.org).

**Submit your application for the opportunity to be part of COE 2012!**



Midwest Poultry Consortium  
**Center Of Excellence Scholarship Program**

**2012 Application** (For reference; *online applications only*)

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
(First, Middle, Last)

Gender:  Male  Female Birthdate: \_\_\_\_\_

*This information is required by the University of Wisconsin - Madison for housing purposes only.*

Mailing Address (at school): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

School Email: \_\_\_\_\_ School Phone: \_\_\_\_\_

Home Email: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Home Mailing Address: \_\_\_\_\_ Home Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Are you a U.S. resident?  Yes  No University currently attending: \_\_\_\_\_

Current major(s) and minor(s): \_\_\_\_\_

Cumulative GPA: \_\_\_\_\_ (Official transcript required - it is your responsibility to have your transcript forwarded to MPC.)

Current college level:  Freshman  Sophomore  Junior  Senior  Graduate Student  Returning Adult

Expected graduation date: \_\_\_\_\_ Degree level: \_\_\_\_\_

Are you interested in a summer internship(s)?  Yes  No If yes, dates available: \_\_\_\_\_

**Internship Fulfillment Policy:** preference will be given to applicants willing to work an internship. **By indicating "yes" you are committing yourself to a 2012 summer internship** provided by one of the Midwest Poultry Consortium's member companies. If you mark "yes" but do not complete an internship, your scholarship will be revoked and you will be responsible for your UW-Madison tuition; **your scholarship must be repaid in full** to the Midwest Poultry Consortium. Internships are conducted during the summer, following the COE classes.

List titles of most recent college-level courses taken in the following areas:

Biology/Zoology: \_\_\_\_\_

Animal Science/Poultry Science: \_\_\_\_\_

Chemistry: \_\_\_\_\_

Food Science: \_\_\_\_\_

Nutrition: \_\_\_\_\_

Physiology: \_\_\_\_\_

Economics/Business/Computer Science: \_\_\_\_\_

Indicate the courses you plan to take at the Center Of Excellence in **2012** (*preference will be given to those students enrolling in three consecutive courses per session*):

### Summer Session I

- Avian Physiology (AS 503) - 3 cr.  
May 21 - June 1, 2012 (Class held on Memorial Day)
- Breeder Flock and Hatchery Management (AS 511) - 3 cr.  
June 4 - June 15, 2012
- Poultry Products Technology (AS 508) - 3 cr.  
June 18 - June 29, 2012

### Summer Session II

- Poultry Nutrition (AS 314) - 3 cr.  
May 21 - June 1, 2012 (Class held on Memorial Day)
- Avian Health (AS 512) - 3 cr.  
June 4 - June 15, 2012
- Poultry Enterprise Management (AS 315) - 3 cr.  
June 18 - June 29, 2012

*These are accelerated courses; therefore, daily attendance is required.*

**Housing:** On-campus housing is an important part of the educational experience and is strongly encouraged. Double occupancy is included with scholarship. If accepted, do you need a dorm room?  Yes  No

**Faculty Reference:** A faculty reference is required. Please provide the name and email address of the faculty member you have contacted as your reference. MPC will send a reference email to the faculty member listed below. You may use any faculty member as a reference (your home university's Coordinating Council member email address can be found on the MPC website).

\_\_\_\_\_  
**Faculty Name**

\_\_\_\_\_  
**Faculty Email**

### Required Attachments/Enclosures

**Statement of Interest:** In order to qualify for this scholarship, you must submit a short *statement of interest* explaining why you would like to be accepted into the COE Scholarship Program and how the program might benefit your career plans (no longer than one page, 12pt. font, 1-inch margins, double spaced).

**Resume:** Internship placements will be determined according to experience and areas of interest.

**Submit your online application *no later than December 2, 2011*, to be considered for the Scholarship Program.**

*By submitting your application, you certify the information provided is accurate.*

# FOR REFERENCE ONLY

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Date**

# APPLY ONLINE

Applications will be reviewed by the Screening Committee. Phone interviews will be conducted in December. Students awarded a scholarship will receive an acceptance letter and enrollment information by February 1.

*If you are accepted into the Center of Excellence Scholarship Program, you will be required to sign a Code of Conduct and an Internship Fulfillment Policy contract.*

### Midwest Poultry Consortium

4630 Churchill Street, # 1 • St. Paul, MN 55126

Phone: 651.766.8118 • Fax: 651.638.0756

mpc@mwpoultry.org • www.mwpoultry.org

# By the Numbers...

COE is a unique program guiding students through recruitment, education, internship, employment, and networking opportunities in the poultry industry.

## Education Statistics

- Since its inception, MPC has sent 303 students through the COE program. Of those, 154 students have earned their poultry emphasis by completing both years of the program.
- The program boasts nationally recognized experts from universities and related agencies, as well as poultry industry representatives, who come together in Madison for a one-of-a-kind educational experience.
- In 2011, there were 28 faculty members and 28 students. The student-faculty ratio and one-on-one attention is exceptional.
- The Midwest Poultry Consortium's successful COE program is a model for other industries including dairy and swine.

Year	Number of Students	Breakdown of COE Students														Total:	
		Other	FL	IA	IL	KS	MI	MN	MO	NE	ND	OH	IN	SD	UWM		UWRF
2011	28	1	2	2	1	2	3	3	1	0	1	0	5	1	3	3	28
2010	27	0	1	2	1	3	3	4	1	1	1	2	5	0	2	1	27
2009	29	0	2	1	2	1	3	3	2	2	1	1	6	1	1	3	29
2008	29	1	2	3	1	1	3	3	3	1	1	0	4	0	3	3	29*
2007	30	2	1	3	1	2	3	2	1	0	1	1	8	1	3	1	30
2006	39	3	4	4	0	1	5	4	0	0	1	1	9	3	2	2	39
2005	30	4	3	4	1	0	1	2	0	3	1	1	2	2	4	2	30
2004	25	0	0	2	1	2	2	3	0	3	1	2	3	0	5	1	25
2003	23	0	0	2	0	2	2	1	0	2	1	4	4	0	5	0	23
2002	31	0	0	3	2	3	3	2	0	1	1	2	5	0	9	0	31
2001	32	0	0	1	2	4	4	0	0	2	0	1	6	2	9	1	32
2000	36	0	0	1	2	3	4	2	0	0	0	3	3	4	12	2	36
1999	26	0	0	1	0	0	6	3	0	1	0	2	2	1	9	1	26
1998	22	0	0	0	3	2	3	3	0	1	0	3	2	0	3	2	22
1997	29	0	0	1	2	2	0	2	0	2	0	5	1	1	10	3	29
1996	21	0	0	0	2	2	0	1	2	2	0	2	0	1	8	1	21
<b>Total:</b>		11	15	30	21	30	45	38	10	21	10	30	65	17	88	26	457

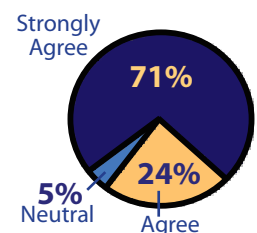
\*29 Scholarships were awarded; however, one additional student paid their own way to attend COE classes.

**Total COE Students:** 303  
**Students who completed both years:** 154

## Internship Statistics

- In 2011, 30 industry internships were coordinated with MPC member companies for COE students and graduates; the highest number of internships ever awarded!
- 64% of all COE graduates participated in at least one internship during their COE experience.
- Many MPC member companies offer paid internships and housing arrangements for the duration of the internship, typically 4-6 weeks.

### Was your Internship a Positive Experience?



## Job Statistics

- 88% of students said the COE experience helped to prepare them for their future careers.
- The COE program helped influence 26% of graduates to attend graduate school.
- Of all COE graduates, 78% of students are, plan on, or were employed in the poultry industry.
- On average, MPC member companies had 4-6 openings per year for entry level employees with technical or baccalaureate degrees with \$40,000+ paid to entry level positions.

*Don't let this opportunity pass you by... apply to be part of the 2012 COE class today!*

## Application

Students interested in the COE program must complete an online application at [www.mwpoultry.org](http://www.mwpoultry.org). The enclosed application is for reference only.

## Statement of Interest

In order to qualify for this scholarship, you must submit a *statement of interest* explaining why you would like to be accepted into the COE scholarship program and how the program might benefit your career plans (no longer than one page, 12 pt. font, 1-inch margins, double spaced).

## Admission

MPC scholarships are awarded to up to 30 students (a large percentage of applicants are accepted into the program). A screening committee evaluates the applications and selection is based on a combination of the following criteria: faculty recommendation, academic record, quality of application, and statement of interest. Preference is given to those students enrolling in three consecutive courses per session and those willing to complete an internship. Students accepted into the program will be notified by February 1 and sent application information to complete for acceptance into the University of Wisconsin summer school.

## Tuition and Per Credit Fees

If you are awarded a COE scholarship, the Midwest Poultry Consortium pays your tuition and on-campus housing. Tuition includes access to the Wisconsin Union, library, laboratory, health clubs, and several recreational sport services.

## On-Campus Housing

Humphrey and Jorns Halls are located on the scenic shores of Lake Mendota, conveniently close to classrooms, Steenbock Library, and the Poultry Research Laboratory. Each hall has a lounge with cable color television, laundry, and vending facilities. Internet services are also provided. On-campus housing is strongly encouraged as it is an important part of this educational experience.

## Recreational Facilities

UW-Madison offers countless cultural, social, and recreational events. Outdoor tennis courts are a five-minute walk from either the dorms or the Animal Sciences Building. The Natatorium, located a block from the Animal Sciences Building, provides a complete weight room, bicycles, swimming, and aerobic dancing. Boating and equipment for canoeing, sailing, kayaking, and sail boarding are available at the Memorial Union on the shore of Lake Mendota.

## Madison

Madison owes its picturesque beauty to its location which is surrounded by four beautiful lakes with 14 beaches. Much of the University of Wisconsin stretches along Lake Mendota. The city also boasts a 1,300-acre Arboretum, a unique zoo and a botanical garden. Madison's hilly terrain, scattered woodlands, extensive bicycle paths, and 4,300 acres of public parks augment the summertime activities. Numerous churches, community organizations, and civic groups provide a welcoming environment to students attending the COE program.



**PARTICIPATING STATES**

**Midwest Poultry Consortium**  
4630 Churchill Street, #1  
St. Paul, MN 55126

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[mpc@mwpoultry.org](mailto:mpc@mwpoultry.org) • [www.mwpoultry.org](http://www.mwpoultry.org)

**Final application deadline is December 2, 2011.**  
**Online applications only.**