

# Center Of Excellence

*Scholarship/Internship Program  
Summer 2019*



**Sponsored by**

***Midwest Poultry Consortium***



Photo courtesy of Hy-Line International

*Scholarship Application Deadline - December 3, 2018*

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

The Midwest Poultry Consortium's Center of Excellence Scholarship/Internship (COE) Program 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 COE offers 18 poultry science credits in two six-week summer sessions. Laboratory training and industry field trips complement interactive lectures and discussions. This series of courses can combine with a number of majors from your home university (e.g., Ag Engineering, Animal Science, Food Science, Veterinary Science, Ag Economics, Marketing, Biology) to expand 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 internship and 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. Internships 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 take courses for six weeks and work in poultry-related internships for four to six weeks following classes.

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



***"The COE allows you to gain information about all aspects of the industry. It also helps you network with peers and those already in the industry. The memories I made in Madison will be a happy reminder of all I experienced while there."***

### **Natalie Gross**

**Herbruck's Poultry Ranch - Assistant Manager-Pullets  
COE Class of 2014-2015**



***"COE opened my eyes to countless career paths that I never would have expected. The classes and internship provided the knowledge and experience necessary to follow those paths."***

### **Daniel Borash**

**USDA - Agricultural Commodity Grader - Poultry  
COE Class of 2016**

# Gain the Added Advantage

**Daily Lecture: Morning Session, Monday - Friday (Class held on Memorial Day - May 27)**

**Daily Lab: Afternoon Session, Monday - Friday (Lab held on Memorial Day - May 27)**

## SUMMER SESSION I

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

### **Poultry Products Technology, 3 cr.**

#### **Animal Sciences 508 (AS 508)**

*May 13 - May 24, 2019*

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.

### **Avian Physiology, 3 cr.**

#### **Animal Sciences 503 (AS 503)**

*May 27 - June 7, 2019*

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 10 - June 21, 2019*

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.

*These are accelerated courses; therefore, daily attendance is required. Curriculum subject to change.*

## SUMMER SESSION II

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

### **Avian Health, 3 cr.**

#### **Animal Sciences 512 (AS 512)**

*May 13 - May 24, 2019*

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 Nutrition, 3 cr.**

#### **Animal Sciences 314 (AS 314)**

*May 27 - June 7, 2019*

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.

### **Poultry Enterprise Management, 3 cr.**

#### **Animal Sciences 315 (AS 315)**

*June 10 - June 21, 2019*

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, construction of large poultry barns, etc.

**Average starting annual salary of these former COE graduates is \$46,171 plus benefits!**



***"I am better prepared in my supervisor role thanks to COE opportunities and learning experiences. I now work in turkey production, supplying a wholesome product to our consumers."***

### **Abby Ganyo**

**Jennie-O Turkey Store - Area Supervisor  
COE Class of 2017**



***"The COE provided me with knowledge and experience to begin my career in the poultry industry. It helped me further develop my leadership skills and network with the leading food supplier companies in the nation."***

### **Hunter Wawers**

**Pilgrims Pride - Production Supervisor  
COE Class of 2017-2018**



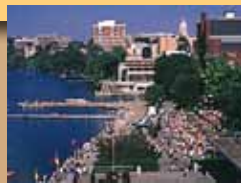
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Herbruck's Poultry Ranch  
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Iowa Cage Free  
Iowa Egg Council  
Iowa Turkey Mktg. Council  
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Midwest Poultry Federation  
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Miller Poultry  
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Nelson Poultry Farms  
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Northern Pride  
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Ohio Poultry Association  
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Pilgrim's  
Purina Animal Nutrition  
Rembrandt Foods  
Ridley Feed Ingredients  
River View Farms  
Rose Acre Farms  
Sanovo Engineering  
Sonstegard Foods  
South Dakota Poultry Industries Assn.  
Sparboe Farms  
Sunrise Acres Egg Farms  
Tecumseh Poultry  
Trillium Farm Holdings  
Turkey Valley Farms  
United Egg Producers  
University of Florida  
University of Minnesota  
University of Nebraska-Lincoln  
VAL-CO  
VALO BioMedia North America  
Vencomatic North America  
Wabash Valley Produce  
Weaver Brothers Inc  
Wells Fargo Bank  
West Liberty Foods  
Wisconsin Poultry & Egg Ind. Assn.  
Zoetis

# What's In It For You?



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



## How Do I Apply?

### Online Application

Submit an application online at [mwpoultry.org](http://mwpoultry.org); only online applications will be accepted. Application on the following two pages is for reference only.

### Transcript

Send an official transcript directly from the Registrar's Office to the MPC office; a passing chemistry grade is a prerequisite (online transcripts directly from Registrar 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/Internship Program and how the COE will 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 complete an internship which will be assigned by MPC and provided by one of the MPC sponsor companies (please note: Internship Fulfillment Policy on following page).

### Admission

MPC scholarships are awarded to up to 40 students. 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 by mid-January. Full and partial scholarships will be awarded by January 21.

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

Apply online at [mwpoultry.org](http://mwpoultry.org)

Submit your application for an opportunity to be part of COE 2019!



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

**2019 Application** *(only online applications are accepted: [mwpoultry.org](http://mwpoultry.org))*

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:** Full scholarships require completion of an internship/job. Preference is given to applicants willing to complete an internship for partial scholarships. **By indicating "yes" you are committing yourself to a 2019 summer internship** assigned by MPC and provided by one of the Midwest Poultry Consortium's sponsor 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.** 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 Sciences/Poultry Science: \_\_\_\_\_

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

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

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

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

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

Indicate the courses you plan to take at the Center of Excellence in **2019 (preference is given to those students enrolling in three consecutive courses per session):**

### Summer Session I

- Poultry Products Technology (AS 508) - 3 cr.  
May 13 - May 24, 2019
- Avian Physiology (AS 503) - 3 cr.  
May 27 - June 7, 2019 (Class held on Memorial Day)
- Breeder Flock and Hatchery Management (AS 511) - 3 cr.  
June 10 - June 21, 2019

### Summer Session II

- Avian Health (AS 512) - 3 cr.  
May 13 - May 24, 2019
- Poultry Nutrition (AS 314) - 3 cr.  
May 27 - June 7, 2019 (Class held on Memorial Day)
- Poultry Enterprise Management (AS 315) - 3 cr.  
June 10 - June 21, 2019

*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.

\_\_\_\_\_  
*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 Center of Excellence Scholarship/Internship Program and how the COE might benefit your career plans (no longer than one page, 12 pt. font, 1-inch margins, double spaced).

**Resume:** Internship placements will be assigned by MPC staff according to availability, experience, and areas of interest.

**Submit your online application *no later than December 3, 2018*, to be considered for the COE.**

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

# FOR REFERENCE ONLY

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

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

# APPLY ONLINE

Phone interviews will be conducted in December. Applications will be reviewed by the Screening Committee. Students awarded scholarships will receive acceptance letters and enrollment information by January 21.

*If you are accepted into the Center of Excellence Scholarship/Internship 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@mwspoultry.org • mwspoultry.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 457 students through the COE. Of those, 230 students have earned their poultry emphasis by completing both years.
- The COE 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 2018, there were 31 faculty members and 35 students. The student-faculty ratio and one-on-one attention are exceptional.

		Breakdown of COE Students																						
Year	# of Full Scholarships	Other	FL	IA	IL	IN	KS	MI	MN	MO	NE	ND	OH	SD	UWM	UWRF	*	Total:						
2018	25	0	1	2	5	2	1	1	1	1	3	1	1	0	3	1	4	1	3	1	1	1	0	35
2017	30	1	1	2	3	1	2	1	1	1	4	2	1	1	2	4	2	2	3	1	0	0	36	
2016	27	1	2	2	2	3	1	3	3	1	1	1	3	1	2	1	2	1	2	0	5	29		
2015	27	0	2	3	1	4	2	4	2	0	1	1	4	1	1	1	1	5	32	35				
2014	28	0	2	5	1	5	2	4	4	0	0	1	1	0	2	1	7	35	34					
2013	29	0	1	4	1	6	2	5	3	0	1	1	0	0	2	3	5	27	28					
2012	26	0	1	3	1	7	0	3	1	1	0	0	0	2	2	5	1	27	28					
2011	28	1	2	2	1	5	2	3	3	1	0	1	0	1	3	3	0	27	29					
2010	27	0	1	2	1	5	3	3	4	1	1	1	2	0	2	1	0	30	31					
2009	29	0	2	1	2	6	1	3	3	2	2	1	1	1	1	3	0	30	31					
2008	29	1	2	3	1	4	1	3	3	3	1	1	0	0	3	3	1	31	39					
2007	30	2	1	3	1	8	2	3	2	1	0	1	1	1	3	1	1	31	39					
2006	39	3	4	4	0	9	1	5	4	0	0	1	1	3	2	2	0	30	30					
2005	30	4	3	4	1	2	0	1	2	0	3	1	1	2	4	2	0	25	23					
2004	25	0	0	2	1	3	2	2	3	0	3	1	2	0	5	1	0	31	32					
2003	23	0	0	2	0	4	2	2	1	0	2	1	4	0	5	0	0	31	32					
2002	31	0	0	3	2	5	3	3	2	0	1	1	2	0	9	0	0	36	26					
2001	32	0	0	1	2	6	4	4	0	0	2	0	1	2	9	1	0	36	22					
2000	36	0	0	1	2	3	3	4	2	0	0	0	3	4	12	2	0	29	21					
1999	26	0	0	1	0	2	0	6	3	0	1	0	2	1	9	1	0	26	22					
1998	22	0	0	0	3	2	2	3	3	0	1	0	3	0	3	2	0	29	21					
1997	29	0	0	1	2	1	2	0	2	0	2	0	5	1	10	3	0	21	687					
1996	21	0	0	0	2	0	2	0	1	2	2	0	2	1	8	1	0	21	687					
<b>Total:</b>		14	28	57	30	95	40	71	54	15	25	20	49	27	101	39	22	687						

\*Students who paid their own tuition to attend COE classes or visiting scholars.  
Students receiving a partial scholarship to attend COE classes.

<b>Total COE Students:</b>	457
<b>Students who completed both years:</b>	230

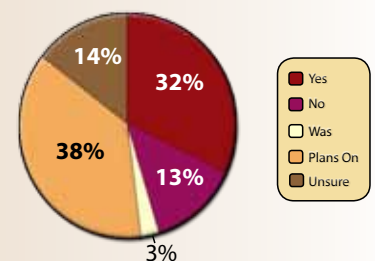
## Internship Statistics

- In 2018, 27 industry internships were coordinated with MPC sponsor companies for COE students and graduates. Students received industry training to complement the knowledge gained from COE classes and labs.
- In 2018, 5 students secured full time jobs within the poultry industry prior to starting COE classes.

## Job Statistics

- 87% of students said the COE experience helped prepare them for their future careers.
- Of all COE graduates, 70% of students are, plan on, or were employed in the poultry industry.
- On average, MPC sponsor companies have 4-6 openings per year for entry level employees with technical or bachelor's degrees with an average starting compensation package of \$46,000.

Current Poultry Employment Status



**Don't let this opportunity pass you by ... apply to be part of the 2019 COE class today!**



## Application

Students interested in the COE must complete an online application at [mwpoultry.org](http://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 and how the COE 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 40 students. 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 COE will be notified by January 21 and will be sent information to complete for the University of Wisconsin summer school.

## Tuition and Per Credit Fees

If you are awarded a COE scholarship (full or partial), the Midwest Poultry Consortium pays your tuition and/or on-campus housing. Tuition includes access to the Student 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 student lounge with cable television, a computer lab, 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 and volleyball courts are minutes away 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.



**PARTICIPATING STATES**

### Midwest Poultry Consortium

4630 Churchill Street, #1

St. Paul, MN 55126

Phone: 651.766.8118 • Fax: 651.638.0756

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

**Final application deadline is**

**December 3, 2018.**

*Online applications only.*