

# **Preliminary Information Brochure**





#### Location:

#### The Ohio State University College of Veterinary Medicine - Veterinary Medicine Academic Building

**Dunlap Auditorium** 

1900 Coffey Rd, Columbus, Ohio, 43210, United States

614-292-8727

#### www.vet.osu.edu



## **Target and Program Overview:**

Target: Residents, board certified neurologists, surgeons, radiologists and advanced clinicians with a specific interest in veterinary neurology.

Program Overview: This course will provide the participant with advanced instruction in neuroanatomy, neurophysiology, electrodiagnosis, neuropathology, large animal neurology, neurosurgery and neuroradiology. The course is intended to provide a foundation in these areas for those interested in both clinical and research applications of the course material. Lecture sessions will be both interactive and didactic.

#### **Course Structure:**

- Lectures
- Interactive sessions
- Discussion of clinical cases
- Laboratories Neurosurgery Course

## Official Language:

English will be the official language of the course.

## **Organizing Committee:**

Ronaldo C. da Costa, DMV, MSc, PhD, Diplomate ACVIM (Neurology)

Laura DeRose, Advancement Events and Operations Coordinator

dacosta.6@osu.edu

derose.25@osu.edu

## **Speakers: (Pictures and Bios to be updated)**

- Joan Coates, University of Missouri
- Lynette Cole, The Ohio State University
- Laurie Cook, The Ohio State University
- Paul Cuddon Wheat Ridge Animal Hospital, Wheat Ridge, Colorado
- Ronaldo da Costa, The Ohio State University
- Mike Davidson, North Carolina State University
- Alexander de Lahunta, Cornell University
- Curtis Dewey, Cornell University
- Peter Dickinson, University of California, Davis
- Gualtiero Gandini University of Bologna, Italy
- Nina Kieves, The Ohio State University
- Silke Hecht, University of Tennessee
- Chris Mariani, North Carolina State University
- Joe Mayhew Massey University, New Zealand
- Sarah Moore, The Ohio State University
- Dennis O'Brien, University of Missouri
- Michael Oglesbee, The Ohio State University
- Natasha Olby, North Carolina State University
- Anna Oevermann University of Bern, Switzerland
- Simon Platt, University of Georgia
- Mike Podell, University of Chicago
- Steven Reed, Rood and Riddle Equine Hospital, Lexington, Kentucky
- John Rossmeisl, Virginia Tech
- Diane Shelton, University of California, San Diego
- Beverly Sturges, University of California, Davis
- William Thomas, University of Tennessee
- Christine Thomson, University of Alaska, Fairbanks
- Marc Vandevelde University of Bern, Switzerland
- Charles Vite, University of Pennsylvania
- Holger Volk Royal Veterinary College, United Kingdom
- Benjamin Young, VCA Alameda East Veterinary Hospital, Denver, Colorado

## **Draft Program: (Speakers and Topics are subject to change)**

The 2016 BRAIN Camp will have 3 courses:

- Neuroscience Course (main course) July 25-August 5, 2016
- MRI Course July 23 & 24, 2016
- Neurosurgery Course August 5 & 6, 2016

## **Main Program – Neuroscience Course:**

#### **LECTURE SCHEDULE**

Week 1 Day 1 – July 25, 2016

Time	Topic	Speaker
8:45-9:00	Welcome	
9:00-10:30	Neuroanatomy	Christine Thomson
10:30-11:00	Coffee break	
11:00-11:50	Neuroanatomy	Christine Thomson
12:00-12:50	Myelography and CT in	Silke Hecht
	neuroimaging	
13:00-14:30	Lunch (on your own)	
14:30-15:20	MRI of the brain	Silke Hecht
15:30-16:20	MRI of the vertebral column	Silke Hecht
16:30-17:00	Coffee break	
17:00-17:50	Neuroanatomy	Christine Thomson
17:50-18:40	Neuroanatomy	Christine Thomson

### Day 2 - July 26, 2016

Time	Topic	Speaker
8:30-9:20	Neuroanatomy	Christine Thomson
9:30-10:20	Neuroanatomy	Christine Thomson
10:30-10:50	Coffee break	
10:50-11:40	Neuropathology	Marc Vandevelde
11:50-12:40	Neuropathology	Anna Oevermann
12:45-14:15	Lunch (on your own)	
14:15-15:05	Neuroanatomy	Christine Thomson
15:15-16:05	Neuroanatomy	Christine Thomson
16:10-16:30	Coffee break	
16:35-17:25	Neuropathology	Marc Vandevelde
17:35-18:25	Neuropathology	Anna Oevermann

## Day 3 - July 27, 2016

Time	Topic	Speaker
8:30-9:20	Neuropathology	Marc Vandevelde
9:30-10:20	Neuropathology	Anna Oevermann
10:30-10:50	Coffee break	
10:50-11:40	Neuro-ophthalmology	Michael Davidson
11:50-12:40	Neuro-ophthalmology – cases	Michael Davidson
12:45-14:15	Lunch (on your own)	
14:15-15:05	Physiology and pathophysiology	Lynette Cole
	of hearing	
15:15-16:05	Neuropathology and	Michael Oglesbee
	immunology	
16:10-16:30	Coffee break	
16:35-17:25	Neuropathology	Marc Vandevelde
17:35-18:25	Diagnostic approach to	Gualtiero Gandini
	neuromuscular disease	

# Day 4 - July 28, 2016

Time	Topic	Speaker
8:30-9:20	Neuromuscular cases	Gualtiero Gandini
9:30-10:20	Neuromuscular pathology	Diane Shelton
10:30-10:50	Coffee break	
10:50-11:40	Neuromuscular pathology	Diane Shelton
11:50-12:40	Electrodiagnostics	Paul Cuddon
12:45-14:15	Lunch (on your own)	
14:15-15:05	Electrodiagnostics	Paul Cuddon
15:15-16:05	Electrodiagnostics	Paul Cuddon
16:10-16:30	Coffee break	
16:35-17:25	Electrodiagnostics	Paul Cuddon
17:35-18:25	Neuromuscular pathology	Diane Shelton

# Day 5 - July 29, 2016

Time	Topic	Speaker
8:30-9:20	Electrodiagnostics	Paul Cuddon
9:30-10:20	Electrodiagnostics	Paul Cuddon
10:30-10:50	Coffee break	
10:50-11:40	Storage diseases – part 1	Charles Vite
11:50-12:40	Storage diseases – part 2	Charles Vite
12:45-14:15	Lunch (on your own)	
14:15-15:05	Cerebrospinal fluid analysis	Joan Coates
15:15-16:05	Electrodiagnostics	Paul Cuddon
16:10-16:30	Coffee break	
16:35-17:25	Degenerative myelopathy	Joan Coates
17:35-18:25	Electrodiagnostics	Paul Cuddon

WEEK 2 Day 6 – August 1, 2016

Time	Topic	Speaker
8:30-9:20	Neurologic examination in large	Joe Mayhew
	animals	
9:30-10:20	Top brain disorders – part 1	Joe Mayhew
10:30-10:50	Coffee break	
10:50-11:40	Top brain disorders – part 2	Joe Mayhew
11:50-12:40	Equine spinal disorders	Joe Mayhew
12:45-14:15	Lunch (on your own)	
14:15-15:05	Equine CSM	Steven Reed
15:15-16:05	Equine spinal disorders	Joe Mayhew
16:10-16:30	Coffee break	
16:35-17:25	Equine Peripheral nervous	Joe Mayhew
	system disorders	
17:35-18:25	TBA	

## Day 7 - August 2, 2016

Time	Topic	Speaker
8:30-9:20	Non-infectious	Chris Mariani
	Meningoencephalitis	
9:30-10:20	Treatment of	Chris Mariani
	meningoencephalitis	
10:30-10:50	Coffee break	
10:50-11:40	Pathophysiology of seizures and	Holger Volk
	epilepsy	
11:50-12:40	Electroencephalography	Chris Mariani
12:45-14:15	Lunch (on your own)	
14:15-15:05	Treatment of seizures disorders	Mike Podell
15:15-16:05	Status epileptics	Mike Podell
16:10-16:30	Coffee break	
16:35-17:25	Refractory epilepsy	Holger Volk
17:35-18:25	Infectious meningoencephalitis	Chris Mariani

# Day 8 - August 3, 2016

Time	Topic	Speaker
8:30-9:20	Micturition disorders	Laurie Cook
9:30-10:20	Brain tumors – pathogenesis	John Rossmeisl
10:30-10:50	Coffee break	
10:50-11:40	Brain tumors - treatment	John Rossmeisl
11:50-12:40	Metabolic encephalopathies	Dennis O'Brien
12:45-14:15	Lunch (on your own)	
14:15-15:05	DNA testing in neurologic	Dennis O'Brien
	diseases	
15:15-16:05	Movement disorders (clickers)	Dennis O'Brien
16:10-16:30	Coffee break	
16:35-17:25	Physical Therapy and	Nina Kieves
	rehabilitation in neurology	
17:35-18:25	Radiation Therapy	TBA

# Day 9 - August 4, 2016

Time	Topic	Speaker
8:30-9:20	Pathophysiology of acute spinal	Natasha Olby
	cord injury	
9:30-10:20	Treatment of spinal cord injury	Sarah Moore
10:30-10:50	Coffee break	
10:50-11:40	Critical points in the diagnosis	Natasha Olby
	and treatment of IVDD	
11:50-12:40	Pathogenesis and diagnosis of	Ronaldo da Costa
	cervical spondylomyelopathy	
12:45-14:15	Lunch (on your own)	
14:15-15:05	Neurodegenerative diseases	Natasha Olby
15:15-16:05	Feline spinal diseases	Ronaldo da Costa
16:10-16:30	Coffee break	
16:35-17:25	Neurosurgical disasters	William Thomas
17:35-18:25	MRI cases (clickers)	William Thomas

# Day 10 - August 5, 2016

Time	Topic	Speaker
8:30-9:20	Head trauma	Simon Platt
9:30-10:20	Cerebrovascular disease	Simon Platt
10:30-10:50	Coffee break	
10:50-11:40	Caudal fossa disorders	Curtis Dewey
11:50-12:40	Spinal surgery – key points for	Curtis Dewey
	success	
12:45-14:15	Lunch (on your own)	
14:15-15:05	Intracranial surgery	Simon Platt
15:15-16:05	Vertebral fractures and luxations	Curtis Dewey
16:10-16:30	Coffee break	
16:35-17:25	Selected cases from 50 years of	Alexander de Lahunta
	neurology	
17:35-18:25	Selected cases from 50 years of	Alexander de Lahunta
	neurology	

#### **MRI COURSE**

## **Program Chairs:**

- Ronaldo C. da Costa
- Laurie B. Cook

#### July 23 and 24, 2016

## Day 1 - July 23, 2016

Time	Topic	Speaker
8:00-9:00	Registration	
9:00-10:30	MRI sequences and techniques – from	Silke Hecht
	basic to advanced	
10:30-11:00	Coffee break	
11:00-11:50	MRI artifacts and pseudo-lesions	Silke Hecht
12:00-12:50	MRI of brain tumors	Peter Dickinson
13:00-14:30	Lunch (on your own)	
14:30-15:20	MRI of inflammatory brain diseases	Ben Young
15:30-16:20	MRI of vascular brain diseases	Ben Young
16:30-17:00	Coffee break	
17:00-18:00	Clinical cases	Peter Dickinson

## Day 2 - July 24, 2016

Time	Topic	Speaker
8:30-9:20	MRI of congenital brain diseases	Silke Hecht
9:30-10:20	MRI of brain and spinal trauma	Ben Young
10:30-10:50	Coffee break	
10:50-11:40	MRI of the vertebral column and spinal	Ronaldo da Costa
	cord	
11:50-12:40	MRI of the vertebral column and spinal	Ronaldo da Costa
	cord	
12:45-14:15	Lunch (on your own)	
14:15-15:05	MRI of brain aging, degenerative and	Silke Hecht
	metabolic encephalopathies	
15:15-16:05	Comparative Imaging - CT and MRI in	Ben Young
	vertebral column diseases	
16:10-16:30	Coffee break	
16:30-17:30	Clinical cases	Peter Dickinson

#### **NEUROSURGERY COURSE - BRAIN CAMP 2016**

Class size is limited to 28 people in the neurosurgery course. ACVIM and ECVN residents will have priority only for early bird registration.

## **Program Chairs:**

- Ronaldo C. da Costa
- Sarah Moore

#### Aug. 6 and 7, 2016

#### <u>Day 1</u>

Time	Topic	Speaker
8:30am-9:30am	Lecture: Cervical Surgery – Ventral Slot, distraction/fixation,	Simon Platt
	dorsal approaches	
9:30am-12:30pm	Laboratory: Cervical Surgery,	
	dorsal and ventral approaches	
2:00pm-3:00pm	Lecture: Thoracolumbar and lumbosacral surgery – TL corpectomy, TL implants, LS foraminal decompression, LS fixation	Natasha Olby
3:00pm-6:00pm	Laboratory: thoracolumbar and lumbosacral approaches	

#### <u>Day 2</u>

Time	Topic	Speaker
8:30am-9:30am	Lecture: Brain surgery: frontal and rostrotentorial approaches, VP shunts	Beverly Sturges
9:30am-12:30pm	Laboratory: Brain surgery surgery: frontal and rostrotentorial approaches	
2:00pm-3:00pm	Lecture: Brain surgery: caudotentorial approaches, foramen magnum decompression	Curtis Dewey
3:00pm-6:00pm	Laboratory: Brain surgery: caudotentorial approaches, foramen magnum decompression	

#### **COURSE FEES:**

Registration Type	Early (bef	ore March 31)	Regula	ar (April 1-June 30)	Late (	July 1 and after)
<b>Veterinary Neuroscience &amp; Advanced Clin</b>	ical Neurol	ogy/Neurosurg	ery Cou	ırse (July 25-August	5)	
ACVIWECVN Residents*	\$	1,000.00	\$	1,300.00	\$	1,500.00
ACVIWECVN Diplomates / ESVN Members**	\$	1,450.00	\$	1,800.00	\$	2,000.00
Non Residents/Non Members	\$	1,650.00	\$	1,950.00	\$	2,200.00
Week 1 ONLY (July 25-29)						
ACVIWECVN Residents*	\$	500.00	\$	650.00	\$	750.00
ACVIWECVN Diplomates / ESVN Members**	\$	725.00	\$	900.00	\$	1,000.00
Non Residents/Non Members	\$	825.00	\$	975.00	\$	1,100.00
Week 2 ONLY (August 1-5)						
ACVIWECVN Residents*	\$	500.00	\$	650.00	\$	825.00
ACVIWECVN Diplomates / ESVN Members**	\$	725.00	\$	900.00	\$	1,000.00
Non Residents/Non Members	\$	825.00	\$	975.00	\$	1,100.00
Veterinary Neurosurgery Course (August 6	-7)					
ACVIWECVN Residents*	\$	900.00	\$	1,100.00		\$1,300.00
ACVIWECVN Diplomates / ESVN Members**	N/A		\$	1,600.00	\$	1,800.00
Non Residents/Non Members	N/A		\$	1,800.00	\$	2,000.00
Veterinary Magnetic Resonance Imaging Ac	Ivanced Co	ourse ONLY (Ju	uly 23-24	4)		
ACVIWECVN Residents*	\$	350.00	\$	500.00	\$	600.00
ACVIWECVN Diplomates / ESVN Members**	\$	450.00	\$	600.00	\$	700.00
Non Residents/Non Members	\$	600.00	\$	750.00	\$	850.00
Veterinary Magnetic Resonace Imaging Adv	∣ ∕anced Coเ	ırse with BRAII	N Camp	registration (Add o	n) (Aug	just 6-7)
ACVIWECVN Residents*	\$	175.00	\$	250.00	\$	350.00
ACVIM/ECVN Diplomates / ESVN Members**	\$	250.00	\$	350.00	\$	450.00
Non Residents/Non Members	\$	350.00	\$	450.00	\$	550.00
*Applies to Residents in other approved progra	ms (ACVR,	ACVP).				
**Applies to active members of other internation	nal Veterina	ry Neurology As:	sociation	ns and Colleges.		

#### **Proof of Resident Status:**

In order for your registration to be confirmed as a Resident, please submit proof of your current status as an ACVIM or ECVN Resident. Examples of documentation are letters from your Residency mentor, program director or respective college. You can upload and submit a pdf, word or jpeg file.

## **Cancellation Policy:**

You may cancel your registration in any one course at any time prior to July 1, 2016 and receive an 80% refund on the course fee. There will be no refund if you are unable to attend and do not cancel prior to July 1, 2016. Full registration refunds will be issued if the conference is cancelled. We are not liable for travel expenses incurred by participants.

#### **Accommodations:**

#### **SpringHill Suites by Marriott**

1421 Olentangy River Road, Columbus, Ohio

1-877-901-6628



Room Block Rate: \$137 + tax (please mention BRAIN Camp/Ohio State Neuroscience to receive block pricing); Room Block Cut-Off Date is Friday, June 24, 2016

The SpringHill Suites Columbus OSU hotel is a contemporary all-suite hotel conveniently located to The Ohio State University main campus and College of Veterinary Medicine. Discover a different kind of hotel with style and space, the SpringHill Suites Columbus OSU hotel features bright, comfortable suites, mini-fridge and microwave, living and work areas, luxury bedding and free Wireless High Speed Internet. Begin each day with a delicious complimentary hot breakfast buffet and end the day with a cocktail in our bar area. Our convenient lobby and networking area allows you to stay productive or just catch up with friends and family. We offer complimentary hotel shuttle transportation within a 3 mile radius.

#### The Varsity Inn South

1445 Olentangy River Road, Columbus, Ohio

Phone: 614-297-2983



Room Block Rate: \$69 + tax (Please mention BRAIN Camp/Ohio State Neuroscience to receive block pricing); Room Block Cut-Off Date is Wednesday, June 22, 2016

Our newly renovated accommodations offer the height of comfort when you're in town for an extended period of time. Our proximity to OSU and hospitals make us a great extended stay choice, and because we're pet-friendly, you don't have to leave your furry friend behind. Refrigerators and microwaves may be available on request, which make your room that much more homey, and amenities like our outdoor heated pool offer relaxation and refreshment after a long day. We also have well-lit work spaces, data ports and free high-speed wireless Internet in our rooms, so attending to business at our Columbus hotel is easy.

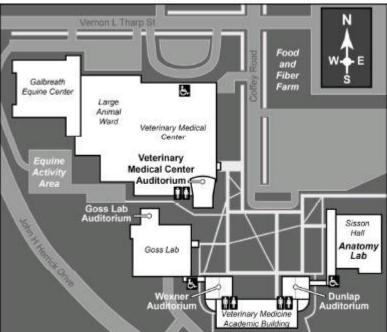
## Additional Hotels (Not included in Room Block):

The Blackwell Inn: www.theblackwell.com

Additional hotels to be listed.

Both event hotels are 1 mile from the event location (roughly 20 minutes if you walk.)





- Head north on Olentangy River Road
- Turn right on Olentangy River Road
- Turn left onto John Herrick Drive
- The Veterinary Medicine Academic Building will be the four-story brick building on your right.

#### **Additional Logistic Information:**

You will need to purchase your lunch each day at a local venue, unless provided at event.

A few meals will be provided by the organization during the course; most evenings you will be on your own for dinner.

There are several ATMs near the event hotels. The College of Veterinary Medicine does not have a ATM.

## How to get to Columbus, Ohio:

#### BY AIR:

Port Columbus International Airport (CMH) is about 10 miles from The Ohio State University campus <a href="http://flycolumbus.com">http://flycolumbus.com</a>. CMH offers 8 on-site car rental agencies on the ground floor of the parking garage. Taxi and Public Bus Service information is available on the CMH website.

The second nearest international airport is Cincinnati/Northern Kentucky International Airport <a href="https://www.cvgairport.com">www.cvgairport.com</a> (42 miles). Dayton International Airport which is 72.8 miles away <a href="https://www.flydayton.com">www.flydayton.com</a>. Other airports and Cleveland Hopkins International Airport (130 miles) <a href="https://www.clevelandairport.com">www.clevelandairport.com</a>.

#### Passport and VISA Requirements:

According to the US Department of State – Bureau of Consular Affairs, foreign travelers to the United States for short visits will need visitor visas unless you qualify for entry under the Visa Waiver Program. Please visit <a href="https://travel.state.gov/content/visas/en/visit.html">https://travel.state.gov/content/visas/en/visit.html</a> for the most up to date information.

## **Liability and Insurance:**

The organizers of BRAIN Camp do not assume responsibility for injury and/or damage involving people or property during the event. Participants are advised to take out their own personal insurance.

## **Social Program:**

Social events will include a Welcome Reception and Dinner.

Other possible social events include:

- Recreation Day barbecue, football (soccer), volleyball, and more
- Dinner
- Movie Night

#### **General Information:**

Ohio's capital (Columbus) is a friendly city of sleek, modern high-rises and century-old buildings along the banks of the Scioto River. In addition to being home to one of the finest universities in the nation, its attractions range from a rich visual and performing arts scene to a renowned zoo, exciting sports, fine restaurants and enough specialty shops, outlets, and malls to satisfy even the most avid of browsers and buyers. Add to this a special-events calendar that rivals that of any other city its size, and you'll never lack things to do in Columbus.

Highlights include the Center of Science and Industry (COSI) on the west bank of the Scioto River; the Santa Maria replica docked on the downtown riverfront; three historic downtown theaters (the Ohio Theatre, the Palace, and the Great Southern); the Columbus Zoo; and a wide range of festivals and cultural events.

Sports enthusiasts can choose from a variety of professional and collegiate sports, including the Ohio State Buckeyes; the Columbus Crew (major league soccer); Columbus Blue Jackets (NHL hockey); and the Columbus Clippers (AAA Baseball). But sports fans aren't the only ones who will enjoy the fun and flavor of the Arena District. This area also offers some of the city's most delectable eateries and nightspots, as well as fine shops and convenient hotel accommodations.

Three urban districts provide unique opportunities to shop, dine, and explore. Just south of downtown is German Village, the nation's largest privately restored historic neighborhood. The adjacent Brewery District is a spirited entertainment area. And at downtown's northern edge is the Short North arts district, often referred to as Columbus's version of SoHo. The Columbus suburbs of Worthington, Westerville, Grove City, Reynoldsburg, Dublin and New Albany also welcome visitors with a variety of attractions and events.

## Dining Near Hotels and College of Veterinary Medicine:

- Bob Evans Farms Restaurant
- El Vaguero Mexican Restaurant
- Rooster's Restaurant
- Damon's
- Cap City Diner
- Columbus Fish Market
- Bravo! Cucina Italiana
- Champps Americana
- Johnny Rockets
- Miller's Columbus Ale House
- Hofbrauhaus Columbus
- Buffalo Wild Wings
- Subway Restaurant located at Veterinary Medical Center at the College of Veterinary Medicine
- Local food trucks will be on campus on select days

#### **Places of Interest:**



- Ohio Stadium one of the most recognizable landmarks in all of sports. Home to The Ohio State University Buckeye Football Team.
- The Scioto Mile urban oasis located in the heart of downtown Columbus with more than 145 acres of lush parkland. Features a stunning 15,000 square foot interactive fountain, the country's largest free outdoor climbing wall, and the 120-acre Scioto Audobon.
- German Village charming 233-acre historic village with shopping, dining and more. (6 miles)
- Franklin Park Conservatory lovely botanical gardens with countess flowering plants and butterflies. (6 miles)
- Columbus Zoo and Aquarium home to more than 10,000 animals representing 575 species from around the globe. Home to John "Jack" Hanna (Jungle Jack Hanna), Director Emeritus. (12 miles)
- Columbus Commons 7 acres of green space located in downtown Columbus featuring a pavilion, hand-carved carousel, outdoor reading room, gardens, bocce courts, and much more.
- Columbus Clippers Baseball Stadium catch a game in this award winning stadium.
- Columbus Metropolitan Library
- COSI Center of Science and Industry
- Arena District downtown Columbus' most popular neighborhood featuring sports, entertainment, bars, and dining.
- The WILDS private, non-profit safari park and conservation center that combines conservation science and education programs with hands-on experiences with adventures that include ziplining, horseback riding, fishing and more.
- North Market Ohio's only public market home to more than 30 merchants providing produce, prepared foods, and artisan foods.

## **Events in Columbus during Brain Camp:**



- Jazz and Rib Fest July 22-24 Three stages will host the finest local, regional and international jazz artists while barbeque pit masters serve up sizzling ribs, chicken and more. <a href="www.hotribscooljazz.org">www.hotribscooljazz.org</a>
- Columbus Crew SC vs Orlando City SC Saturday, July 23 at 7:30pm, Mapfre Stadium
- Columbus Clippers MILB home games July 23-24 & August 1-4.
- Demi Lovato and Nick Jonas "Future Now: The Tour" July 27 located at The Schottenstein Center (OSU campus)
- 27<sup>th</sup> Annual Dublin Irish Festival Aug. 5-7 Largest 3-day Irish Festival in the world with 65 acts and more than 535 performers. Coffman Park
- India Festival Aug. 6-7 More than 100 vendor booths displaying gourmet Indian cuisine, fashion, handcrafts and much more. Ohio Expo Center
- Ohio State Fair July 27-August 7 One of the largest state fairs in the United States featuring animals, rides, food, and national acts.
- Picasso: Experimentation, Change and the Great War July 10 Sept. 11 Columbus Museum of Art
- Blooms and Butterflies: March 12 Sept. 18 Franklin Park Conservatory
- Gallery Hop in the Short North Arts District Aug. 6. Celebrate art throughout the evening with new gallery exhibitions, street performers, special events, food and drinks.

#### **SPONSORS:**

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