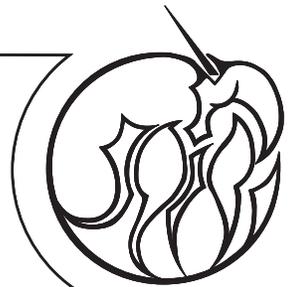


{ the avant-garde }

Katherine N. Crowley Fine Art & Design



MONTHLY NEWSLETTER VOLUME II NO. 5 MAY 2008

{upcoming events}

Columbus Cultural Arts Center Student Art Exhibition

On View: May 10th-June 8th
Reception: Friday, May 9th 5:30-8:00PM
The Columbus Cultural Arts Center
139 W. Main Street, Columbus, Oh 43215
In the historic Old Armory Building
<http://www.culturalartscenter.gov>

Northwest Art Partners

On View: May 15th-June 13th
Reception: Monday, May 19th 6-7:30PM
Upper Arlington Concourse Gallery
3600 Tremont Rd, Upper Arlington Oh 43221
<http://www.ua-ohio.net>

{this summer}

Dublin Art + Music Festival
Saturday, July 19th
Worthington Area Art League Booth
Originals and reproductions for sale
<http://www.dublinarts.org>

Ohio State Fair Fine Arts Exhibit
Reception: July 29th by invitation
On View: July 30th-August 10th
Cox Fine Arts Center
Fair admission \$8-\$10 (\$6 at Kroger & AAA)
Parking \$5
<http://www.ohiostatefair.com>

Worthington Market Day
Saturday, September 13th
On the Worthington Green
The Worthington Area Art League booth
<http://www.worthington.org>

Above: *The Smith Bros. Hardware Co.* (detail)
by Katherine Crowley. Oil on canvas, 2007.



{announcements}

Katherine Crowley will be featured on the Miami University School of Fine Arts Alumni web page throughout the month of May.

Word of her involvement with the 2008 National Cherry Blossom Festival design competition reached the Susan Thomas, Dean of the School of Fine Arts and Katie was approached to be featured in the "Spotlight" section of the Alumni page. To learn more, please visit:

http://arts.muohio.edu/alumni/alumni_spotlight/index

Check out <http://arts.muohio.edu/index> to learn more about the arts at Miami University.

{all around the town}

The Columbus Museum of Art (<http://www.columbusmuseum.org>)

"Paul Shambroom: Picturing Power"
May 10-September 14

"Great Expectations: Aristocratic Children in
European Portraiture"
February 15-June 8

Columbus Cultural Arts Center (<http://www.culturalartscenter.gov>)

"Student Art Exhibition"
May 10-June 8

The Short North "Hot Mama's" Celebrating Women

(<http://www.shortnorth.org>) Next Gallery Hop May 3

-Art Exchange Ltd.: "Celebrating Women Artists"
-Mahan Gallery: "The World with Us. The World Without Us"
-Ohio Art League: "Saints, Sinners, Kings & Criminals"
-Roy G. Biv Gallery: Jodi Boatman & Melissa Vertosick
-Sherrie Gallery: Sid Chafetz

Ohio Historical Society (<http://www.ohiohistory.org>)

"Capture the Moment: The Pulitzer Prize Photographs"
April 25-July 25

Wexner Center for the Arts (<http://www.wexarts.org>)

"Jeff Smith: Bone & Beyond" Columbus-based cartoonist
May 10-August 17

BalletMet (<http://www.balletmet.org>)

"Romeo and Juliet"
May 1-4, Ohio Theater

Columbus Symphony Orchestra (<http://www.columbussymphony.org>)

"Michael Feinstein"
May 2, 8pm, Palace Theater

"Columbus Symphony String Ensemble"
May 7, 5:30pm, Franklin Park Conservatory

"Kuerti Performs Schumann"
May 10, 8pm; May 11, 3pm, Ohio Theater

"Yo-Yo Ma"
May 15, 8pm, Ohio Theater

"Marvin Hamlisch"
May 30-31, 8pm, Ohio Theater

Little Theater Off Broadway (<http://www.ltob.org>)

"The Pirates of Penzance"
May 2-May 24, 3981 Broadway, Grove City, Oh 43123

{northwest art partners}

May 15th-June 13th

Reception: Monday, May 19, 6-7:30PM

Upper Arlington Arts Link—This juried exhibition brings together the talented artists living in the Greater Columbus Area. Work from the community art leagues of Delaware, Dublin, Upper Arlington and Worthington will be on view in the City of Upper Arlington's Concourse Gallery.

The UA Art League began in 1973 to further art appreciation in UA. Since 1985 Dublin Art League members include beginners and professionals. The Worthington Area Art League includes amateur and professional artists over the age of 18 and arts patrons. The Delaware Artist Guild exhibits artwork created by members at the Arts Castle in Delaware.

{and beyond}

Cincinnati Art Museum (<http://www.cincinnatiartmuseum.org>)

"Rembrandt: Three Faces of the Master"
Through May 21

The Toledo Museum of Art (<http://www.toledomuseum.org>)

"Lola Alvarez Bravo and Her Circle"
February 8-June 2

Detroit Institute of Art (<http://www.dia.org>)

"Life's Pleasures: The Ashcan Artists' Brush with Leisure"
Through May 25

The Museum of Fine Arts Boston (<http://www.mfa.org>)

"El Greco to Velazquez: Art During the Reign of Philip III"
April 20-July 27

The Art Institute of Chicago (<http://www.artic.edu>)

"Edward Hopper" "Winslow Homer"
February 16-May 10 February 16-May 11

The Minneapolis Institute of Art (<http://www.artsmia.org>)

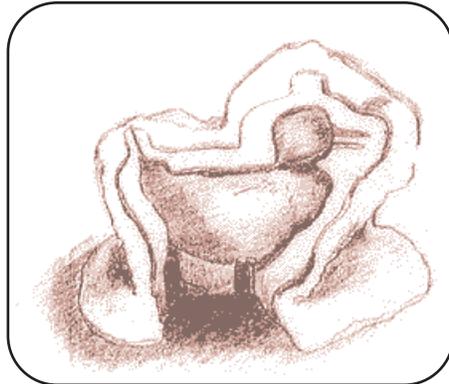
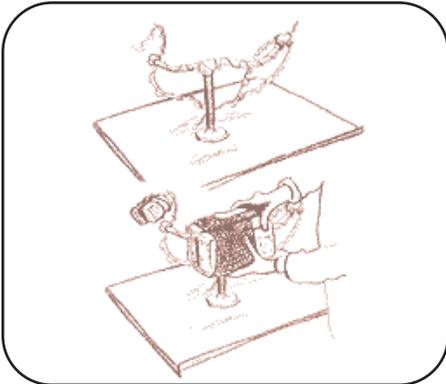
"The Arts of Japan"
February 24-May 25

The National Gallery of Art, Washington DC (<http://www.nga.gov>)

"In the Forest of Fontainebleau: Painters and Photographers
from Corot to Monet"
March 2-June 8

Left: *The Park of Roses* (detail) by Katherine Crowley.
Oil on canvas, 2008.





Above: Nancy Schön, the artist who created *Make Way for Ducklings* for the Boston Public Garden, illustrates the process of creating a bronze sculpture. Information about Ms. Schön and her work can be found at <http://www.Schon.com>.

{a lesson in the lost wax method of bronze sculpture}

This month I have two pieces of bronze sculpture on view at the Columbus Cultural Arts Center (CCAC) in downtown Columbus: “Jo & Laurie” from The Little Women Series and “Little Turtle”.

I discovered the art of bronze casting in college during a sculpture survey course. One hot summer day when I was visiting the Columbus Arts Festival I stepped into the CCAC to take advantage of their air conditioning. All of the studios were open for demonstrations and I picked up a pamphlet about the classes offered there. I enrolled in the bronze sculpture class in 2006 with instructor Ric Stewart and have been taking the class ever since.

In class we use the lost wax method of bronze casting (*cire perdue* in French), an ancient art form developed as early as 5000 BCE. Here is how it works:

1. *Original Sculpture*

The piece to be cast in bronze is first created in clay or wax. When modeled in clay, additional steps are needed because the final model must be composed of wax. From a clay original, a mold must be made and a wax model must be derived from that mold.

2. *Multiple Editions*

If the artist wishes to make more than one of the same bronze sculpture, a variety of molds can be employed to make multiple wax models. A brush-on solution of silicone or rubber is applied to the wax sculpture. If the sculpture is large enough a plaster piece mold may be used. Melted wax can then be poured into this mold to create more than one wax model.

3. *Applying the Sprue System*

A system of tubing is then applied to the sculpture with a large “gate” entering the sculpture from the top. The large gate will become the pour spout for the bronze and the additional tubing or “sprues” are used as ventilation channels to allow air to escape once the hot bronze is poured into the investment.

4. *The Investment*

The entire wax sculpture; sprues, gates and all, is then immersed in an “investment mold”. The investment mold is a fireproof mixture of equal parts plaster, sand, and water. The investment is created by forming chicken wire into a cylinder and surrounding it with tar paper. A one-inch base of plaster is poured in and

allowed to dry. The investment mixture is then added to the cylinder and the sculpture immersed in the mixture. The top of the pouring gate and the sprues are tall enough that they stick out from the top of the investment mixture. The investment is allowed time to harden.

5. *Burn Out*

The investment is placed in a kiln and heated to about 1000° F for 36-48 hours until the wax evaporates from the investment mold leaving a cavity shaped exactly like the wax, hence the term "lost wax".

6. *Pouring*

Bronze is a copper alloy with a main additive of tin. Bronze can be purchased in bricks called "ingots". The ingot is added to a crucible and the crucible placed in a furnace. The furnace is heated up to 1950 to 2050° F to melt the bronze. The melted bronze is then poured into the pouring gate of the investment mold.

7. *Devesting the Sculpture*

The bronze is allowed to cool. It cools quickly and can be removed from the investment mold in as little as 20 minutes. "Devesting" is the act of breaking the investment mold apart with a hammer.

8. *Chasing*

The investment mold is broken away to reveal the bronze sculpture. The bronze however, has not only filled the cavity that creates the sculpture, but also has filled the pouring gate and sprues as well. These bronze stems must now be removed and the sculpture refined to the artist's standards. This grinding, cutting, welding, sanding and scouring is called "chasing".

9. *Finishes*

The sculpture surface can be colored in a variety of ways to achieve a desired appearance. A *patina* is a chemical alteration applied to artificially age the bronze. Paint, shoe polish and colored wax can also be used to color the surface. "Toy soldier" coloring is where different parts of the sculpture are colored differently such as skin, hair and clothing. A wax varnish is then applied to the sculpture to preserve the desired finish.

10. *Mounting to a Base*

The finished sculpture can then be mounted to a base of wood, stone or a variety of other materials for presentation. Often times a hole must be drilled into the sculpture and the hole "tapped" with threads so a screw can be inserted into the hole in order to hold the sculpture in place on the base.



{CAC Student Art Exhibit}

On View: May 10th-June 8th

Reception: Friday, May 9th 5:30-8:00PM

Please join Students of the Cultural Arts Center as they exhibit their work during the kickoff of the Columbus Cultural Arts Center's 30th Anniversary, Friday May 9 from 5:30-8:00 in the Main Hall Gallery. The event will feature music, refreshments and works of art on view and for sale.

The Columbus Cultural Arts Center
139 W. Main Street, Columbus, Ohio 43215
In the historic Old Armory Building
On-street parking only. Parking meters
are free after 6:00PM. For more information
visit <http://www.culturalartscenter.gov>.

Left: *Little Turtle* by Katherine Crowley. Bronze on wood & brick base. 2007-2008. Inspired by Chief Little Turtle of the Miami Tribe & the Delta Delta Delta Sundial on the campus of Miami University. An example of bronze sculpture on view at the Columbus Cultural Arts Center Student Exhibition through June 8th.