<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message from the CEO</td>
<td>3</td>
</tr>
<tr>
<td>Course Requirements</td>
<td>4</td>
</tr>
<tr>
<td>Courses at a Glance</td>
<td>7</td>
</tr>
<tr>
<td>Guest Workshops</td>
<td>12</td>
</tr>
<tr>
<td>Introductory Course</td>
<td>15</td>
</tr>
<tr>
<td>Required Courses</td>
<td>15</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>20</td>
</tr>
<tr>
<td>Journaling, Field Documenting</td>
<td>21</td>
</tr>
<tr>
<td>Bookbinding</td>
<td>22</td>
</tr>
<tr>
<td>Drawing Techniques</td>
<td>23</td>
</tr>
<tr>
<td>New Project – Colorado’s Most (Not) Wanted List</td>
<td>24</td>
</tr>
<tr>
<td>Graphite</td>
<td>25</td>
</tr>
<tr>
<td>Pen &amp; Ink</td>
<td>26</td>
</tr>
<tr>
<td>Colored Pencil</td>
<td>27</td>
</tr>
<tr>
<td>Mixed Media and Illumination</td>
<td>28</td>
</tr>
<tr>
<td>Watercolor Pencil</td>
<td>29</td>
</tr>
<tr>
<td>Water Media</td>
<td>30</td>
</tr>
<tr>
<td>Registration Information</td>
<td>31</td>
</tr>
</tbody>
</table>
I’m pleased to share that the School of Botanical Art & Illustration here at Denver Botanic Gardens now offers multiple avenues for artists of all skill levels to pursue their passion. For an initial goal, a foundational certificate offers instruction in skills and media essential to a solid footing in the discipline. For those seeking additional challenge and reward, a Certificate in Botanical Illustration offers subsequent aspiration. Enjoy the varied offerings the School of Botanical Art & Illustration has to offer this season.

Brian Vogt, Denver Botanic Gardens CEO
FOUNDATIONAL CERTIFICATE IN BOTANICAL ART AND ILLUSTRATION IN 2014

The world-renowned School of Botanical Art and Illustration is ideally located at Denver Botanic Gardens, providing students and scholars with the opportunity to hone and perfect their skills in this specialized genre. Much has been said about the modern need to fuse art and science in order to expand economic development and enlightenment, but few programs are as direct in their impact as botanical illustration. The School of Botanical Art and Illustration focuses not only on technique, but also on the plants themselves, with courses in botany and microscopy, and lectures from visiting artists. From small, highly interactive classes to real-world opportunities for exhibition, sales and publication, the Gardens now has every tool needed to instruct and inspire flourishing botanical artists.

Botanical art and illustration is the well-established tradition of portraying plants for scientific purposes, recording vanishing species for historical record or rendering the beauty and inspiration we experience in the flora of the world around us.

Denver Botanic Gardens School of Botanical Art and Illustration curriculum consists of a comprehensive series of classes in botanical illustration, providing participants the drawing and painting skills required to render accurate and useful depictions of the plant world, with a focus on detail. This program is for the dedicated illustrator, as well as the devoted amateur. It culminates in a foundational certificate or advanced diploma in botanical illustration for some students, and offers an ongoing program of botanical classes for others.

INTRODUCTORY COURSE
Students wishing to learn more about botanical illustration or to brush up on their skills before beginning the certificate sequence can take Introduction to Botanical Illustration, which is not part of the certificate requirements.

REQUIRED COURSES
The following 15 courses are required, if you wish to receive a Foundational Certificate in Botanical Art and Illustration. The recommended sequence of courses is listed below. This succession is appropriate for both the certificate and the non-certificate student. Classes should be taken in the order determined by their prerequisites. * Courses consist of exercises, critiques, demonstrations and homework assignments. A list of supplies for each course will be sent with class confirmation.

1. Botanical Illustration in Pencil I
2. Light on Form
3. Botany for the Botanical Illustrator
4. Perfecting Perspective
5. Composition for Botanical Illustration
6. Color Layering for Colored Pencil
7. Botanical Illustration in Colored Pencil I
8. Botanical Illustration in Pencil II
9. Botanical Illustration in Colored Pencil II
10. Color Mixing
11. Botanical Illustration in Pen and Ink I
12. Botanical Illustration in Pen and Ink II
13. Botanical Illustration in Watercolor I
14. Botanical Illustration in Watercolor II
15. Portfolio Preparation Course

*Students are responsible for taking note of prerequisites and determining if they are eligible for a course. Class sizes are limited and seats are meant for those filling course requirements.

ELECTIVE COURSES
Elective courses serve a variety of purposes. They are designed to increase the student’s knowledge, ability and experience in botanical art. In addition to the 15 required courses, students must select no fewer than 100 elective hours. The number of elective classes offered each year may vary. Guest instructor workshops may be taken as electives.

Please note: To receive credit for any course, attendance is required at the first class and at 80% of all classes.

SCIENCE AND ART LECTURES
Selected lectures at Denver Botanic Gardens can qualify for elective credits. Café Botanique is a lecture series open to Botanical Art and Illustration students, Gardens members, the general public, academia and artists. Attendance at one lecture gives one elective credit hour; students can receive a maximum of 15 credit hours from these lectures. Pre-registration is required for credit.

DISTANCE LEARNING OPTION
In addition to our traditional on-site Botanical Illustration curriculum, we offer an in-class/off-site option that combines classroom participation with remote online learning. The courses in the traditional on-site curriculum are interchangeable with the courses with the distance learning option.
ON-SITE
The following required courses are held on-site over three days (Friday through Sunday). Work for these classes is completed entirely in the classroom.

- Botanical Illustration in Pencil I
- Botany for Botanical Illustrator
- Composition for Botanical Illustration
- Perfecting Perspective
- Color Layering for Colored Pencil
- Light on Form
- Portfolio Preparation Course

ONLINE WITH ON-SITE COMPONENT
The following 15-hour required courses are offered through a combination of a two-day on-site intensive classroom experience and online instruction:

- Botanical Illustration in Pencil II
- Botanical Illustration in Colored Pencil I
- Botanical Illustration in Colored Pencil II
- Color Mixing for Artists
- Botanical Illustration in Pen and Ink I
- Botanical Illustration in Pen and Ink II
- Botanical Illustration in Watercolor I
- Botanical Illustration in Watercolor II

CLASSROOM INSTRUCTION
The classroom instruction portion of courses offered with an online component cover material in 10 hours spread over two consecutive days. During this classroom session the student will learn new technique(s) and receive one-on-one tutoring.

THE OFF-SITE LEARNING APPROACH
Following the two-day concentrated classroom instruction, three weekly Internet sessions cover the remaining course elements. The successful completion of a final artwork (plate) within one month (30 days) after the conclusion of the on-site session is the culmination of each of the distance learning courses.

The student must use a scanner or digital camera to record weekly achievement and email the high resolution image to the instructor and program manager. All student questions, as well as the instructor answers, recommendations and suggestions are handled by email. The student must send a scan of the final plate to the instructor and the program manager in order to receive a credit from the course.

ELECTIVE COURSES
In order to be eligible to apply for the portfolio review, students must complete a minimum of 100 elective hours in addition to the 15 required courses. Elective courses are designed to increase the student’s knowledge, ability and experience in botanical art. Typically, an elective course meets weekly for three hours over a five-week time period (15 hr), but condensed courses are also organized. A selection of electives following the in-class/off-site model will also be offered.

PORTFOLIO REVIEW AND CERTIFICATION IN 2014
Upon completion of all course work, students may express interest in applying for portfolio review and certification by requesting a transcript from the program manager and submitting an application for the review by February 28, 2014. Application Fee: $190 (includes the Portfolio Preparation Course, individual consultation with the instructor and external review). Portfolio Preparation Course is mandatory for graduation. In spring 2014 the Portfolio Preparation Course is offered at two different times. Candidates must choose one:

1. March 17, 24, 6 - 9 p.m.
2. March 28, 9 a.m. - 4 p.m.

After the Portfolio Preparation Course, candidates have the opportunity for individual consultation with instructors to refine the portfolio pieces prior to the final portfolio drop-off on September 5, 2014. More detailed information is circulated at the time of application approval. The complete portfolio must contain five finished botanical plates (preferable plate size 11” x 14” or smaller):

1. Graphite pencil
2. Colored pencil
3. Pen and ink
4. Water media
5. Artist’s choice: Plate in any of the media taught or a combination of them.

KEY DATES FOR 2014 PORTFOLIO REVIEW:
Final Portfolio Drop-Off: September 5, 2014
Portfolio Review: October 1, 2014, 1 - 3 p.m.
GRADUATION CEREMONY FOR 2014 GRADUATES:
November 23, 2014, Noon - 1 p.m.
DIPLOMA IN BOTANICAL ILLUSTRATION

To be eligible for the diploma program, a student must complete the Certificate of Botanical Art and Illustration or Foundational Certificate in Botanical Art and Illustration from Denver Botanic Gardens. Students are also eligible if the certificate in botanical art and illustration, scientific illustration, nature illustration or equivalent from another institution has been completed.

REQUIREMENTS FOR DIPLOMA IN BOTANICAL ILLUSTRATION

1. 100 elective classroom hours including a minimum of three courses (15 - 18 hours) at master’s level
2. Portfolio containing four finished botanical plates selected from the following media (maximum plate size 11” x 14”):
   - graphite
   - carbon dust
   - polycarbonate pencil
   - ink (technical pen, quill, brush, scratchboard)
   - colored pencil (oil and/or wax based)
   - watercolor
   - gouache
   - watercolor pencil
   - transparent acrylics
   - egg tempera
   - silverpoint
   A mixture of the above allowed.

   Oils, pastels or digital media are not accepted as part of the portfolio. Additional details regarding presentation and size are provided upon acceptance into the program.

3. Completion of a supervised independent study (min. 6 weeks or 240 hours). The independent study may include:
   • Research on a rare species, an invasive species, noxious weed, fossil, pollination biology or other. Includes an essay and a minimum of four illustrations (containing dissections)
   • Dummy book with an educational theme or content directed to children
   • An internship as an illustrator at a museum, botanic garden, science center or other relevant institution that provides on-the-job experience as a scientific/botanical illustrator

SCHOLARSHIP PROGRAM

Denver Botanic Gardens School of Botanical Art and Illustration awards annual scholarships to any new student who is 15 years or older and planning to enroll in any of the required classes without pre-requisites at the School of Botanical Art and Illustration. The awards are determined on a competitive basis and require the submission of a portfolio and artist’s statement.

The annual application deadline is October 31.

Laurence Pierson, Watercolor

The annual application deadline is October 31.
# CourSes at a glance

## January – February 2014

<table>
<thead>
<tr>
<th>Class/Instructor</th>
<th>Day/Times</th>
<th>Dates</th>
<th>Medium</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Light on Form</strong>&lt;br&gt;Constance Sayas</td>
<td>5 Mondays 9 a.m. - noon</td>
<td>Jan. 6, 13, 20, Jan. 27, Feb. 3</td>
<td>Techniques (R) PI</td>
<td>17</td>
</tr>
<tr>
<td><strong>Watercolor II</strong>&lt;br&gt;Constance Sayas</td>
<td>5 Mondays 1 - 4 p.m.</td>
<td>Jan. 6, 13, 20, Jan. 27, Feb. 3</td>
<td>Watermedia (R) PI, LoF, WC, BO</td>
<td>20</td>
</tr>
<tr>
<td><strong>Colored Pencil I</strong>&lt;br&gt;Susan DiMarchi</td>
<td>5 Mondays 6 - 9 p.m.</td>
<td>Jan. 6, 13, 20, Jan. 27, Feb. 3</td>
<td>Colored Pencil (R) PI, LoF, CL</td>
<td>18</td>
</tr>
<tr>
<td><strong>Composition</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>5 Tuesdays 9 a.m. - noon</td>
<td>Jan. 7, 14, 21, Jan. 28, Feb. 4</td>
<td>Techniques (R) No prerequisites</td>
<td>16</td>
</tr>
<tr>
<td><strong>The Fragrant Leaf</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>5 Tuesdays 1 - 4 p.m.</td>
<td>Jan. 7, 14, 21, Jan. 28, Feb. 4</td>
<td>Medium of your Choice (E), please see catalog</td>
<td>28</td>
</tr>
<tr>
<td><strong>Watercolor Pencil II</strong>&lt;br&gt;Renee Jorgensen</td>
<td>5 Tuesdays 6 - 9 p.m.</td>
<td>Jan. 7, 14, 21, Jan. 28, Feb. 4</td>
<td>Watermedia (E) PI, WCPI</td>
<td>29</td>
</tr>
<tr>
<td><strong>Expressive Ink</strong>&lt;br&gt;Susan DiMarchi</td>
<td>5 Wednesdays 9 a.m. - noon</td>
<td>Jan. 8, 15, 22, Jan. 29, Feb. 5</td>
<td>Techniques (E) PI, P&amp;I I, LoF</td>
<td>26</td>
</tr>
<tr>
<td><strong>Pen and Quill in Signage</strong>&lt;br&gt;Susan DiMarchi</td>
<td>5 Wednesdays 1 - 4 p.m.</td>
<td>Jan. 8, 15, 22, Jan. 29, Feb. 5</td>
<td>Ink (E) PI, P&amp;I II, EI</td>
<td>26</td>
</tr>
<tr>
<td><strong>Winter Bits of Beauty</strong>&lt;br&gt;Constance Sayas</td>
<td>5 Wednesdays 6 - 9 p.m.</td>
<td>Jan. 8, 15, 22, Jan. 29, Feb. 5</td>
<td>Watermedia (E) PI, LoF, CM, WC</td>
<td>30</td>
</tr>
<tr>
<td><strong>Orchids in Graphite</strong>&lt;br&gt;Randy Raak</td>
<td>5 Thursdays 9 a.m. - noon</td>
<td>Jan. 9, 16, 23, Jan. 30, Feb. 6</td>
<td>Graphite (E) PI, P&amp;I I, LoF, PP</td>
<td>25</td>
</tr>
<tr>
<td><strong>Open Studio</strong></td>
<td>5 Thursdays 1 - 4 p.m.</td>
<td>Jan. 9, 16, 23, Jan. 30, Feb. 6</td>
<td>Open for everybody</td>
<td>20</td>
</tr>
<tr>
<td><strong>Business of Art</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>3 Thu., 6 - 9:30 p.m. 1 Fri., 1 - 5 p.m.</td>
<td>Jan. 9, 16, 24, Jan. 30</td>
<td>Techniques (E) Pencil I</td>
<td>20</td>
</tr>
<tr>
<td><strong>Design Your Own Story Book</strong>&lt;br&gt;Dorothy Rohne</td>
<td>Fri., Sat., Sun. 9 a.m. - 4 p.m.</td>
<td>Jan. 17, 18, 19</td>
<td>Techniques (E) PI, COM</td>
<td>12</td>
</tr>
<tr>
<td><strong>Perfecting Perspective</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jan. 17, 18, 19</td>
<td>Techniques (R) PI</td>
<td>17</td>
</tr>
<tr>
<td><strong>Pencil I</strong>&lt;br&gt;Randy Raak</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jan. 24, 25, 26</td>
<td>Graphite (R) No prerequisites</td>
<td>16</td>
</tr>
<tr>
<td><strong>Watercolors with Wow – Master Class</strong>&lt;br&gt;Anna Mason, U.K.</td>
<td>Fri., Sat., Sun. 9 a.m. - 4 p.m.</td>
<td>Jan. 31 - Feb. 2</td>
<td>Watermedia (E) Certificate</td>
<td>12</td>
</tr>
</tbody>
</table>

Please note: Students with Botanical Illustration Certificate are eligible to take all electives.

(NC) Non Credit; (R) Required Course; (E) Elective Course; (PI) Pencil; (P&I) Pen and Ink; (LoF) Light on Form; (PP) Perfecting Perspective; (BO) Botany; (EI) Expressive Ink; (COM) Composition; (CL) Color Layering for Colored Pencil; (CM) Color Mixing for Artists; (WC) Water Color; (E) Expressive Ink

= Visiting Instructor | = Distance Learning Option | = Off-Site
<table>
<thead>
<tr>
<th>COURSES AT A GLANCE</th>
<th>Day/Times</th>
<th>Dates</th>
<th>Medium</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FEBRUARY – MARCH 2014</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Class/Instructor</strong></td>
<td><strong>Day/Times</strong></td>
<td><strong>Dates</strong></td>
<td><strong>Medium</strong></td>
<td><strong>Page</strong></td>
</tr>
<tr>
<td>Open Studio</td>
<td>5 Mondays 9 a.m. - noon</td>
<td>Feb. 10, 17, 24, Mar. 3, 10</td>
<td>Open for everybody</td>
<td>20</td>
</tr>
<tr>
<td>Storybook Illumination</td>
<td>5 Mondays 1 - 4 p.m.</td>
<td>Feb. 10, 17, 24, Mar. 3, 10</td>
<td>Mixed media (E) PI, WCI</td>
<td>28</td>
</tr>
<tr>
<td>Pen and Ink I</td>
<td>5 Mondays 6 - 9 p.m.</td>
<td>Feb. 10, 17, 24, Mar. 3, 10</td>
<td>Pen and Ink (R) PI</td>
<td>18</td>
</tr>
<tr>
<td>Pencil II</td>
<td>5 Tuesdays 9 a.m. - noon</td>
<td>Feb. 11, 18, 25, Mar. 4, 11</td>
<td>Graphite (R) PI, LoF, BO</td>
<td>16</td>
</tr>
<tr>
<td>Drawing on Tradition: Contemporary Designs of Jaqueline Groag</td>
<td>5 Tuesdays 1 - 4 p.m.</td>
<td>Feb. 11, 18, 25, Mar. 4, 11</td>
<td>Colored Pencil (E) PI, CPI</td>
<td>27</td>
</tr>
<tr>
<td>Drawing on Tradition: Luis Melandez and 18th Century Spanish Still Life</td>
<td>5 Tuesdays 6 - 9 p.m.</td>
<td>Feb. 11, 18, 25, Mar. 4, 11</td>
<td>Colored Pencil (E) PI, LoF, CPI</td>
<td>28</td>
</tr>
<tr>
<td>Pencil I</td>
<td>5 Wednesdays 9 a.m. - noon</td>
<td>Feb. 12, 19, 26, Mar. 5, 12</td>
<td>Graphite (R) No prerequisites</td>
<td>16</td>
</tr>
<tr>
<td>Color Mixing</td>
<td>5 Wednesdays 1 - 4 p.m.</td>
<td>Feb. 12, 19, 26, Mar. 5, 12</td>
<td>Techniques (R) No prerequisites</td>
<td>19</td>
</tr>
<tr>
<td>Drawing on Tradition: P. Redoute</td>
<td>5 Wednesdays 6 - 9 p.m.</td>
<td>Feb. 12, 19, 26, Mar. 5, 12</td>
<td>Watermedia (E) PI, LoF, WCI</td>
<td>30</td>
</tr>
<tr>
<td>DOT: From Down Under- Cecilia May Gibbs, Mother of the Gumnuts</td>
<td>5 Thursdays 9 a.m. - 4 p.m.</td>
<td>Feb. 13, 20, 27, Mar. 6, 13</td>
<td>Ink (E) PI, P&amp;I II</td>
<td>27</td>
</tr>
<tr>
<td>Carbon Dust and Flowers</td>
<td>5 Thursdays 1 - 4 p.m.</td>
<td>Feb. 13, 20, 27, Mar. 6, 13</td>
<td>Graphite (E) PI, PII</td>
<td>25</td>
</tr>
<tr>
<td>Effective Layers: Watercolor on Graphite</td>
<td>5 Thursdays 9 a.m. - 4 p.m.</td>
<td>Feb. 13, 20, 27, Mar. 6, 13</td>
<td>Watermedia (E) PI, WCI</td>
<td>23</td>
</tr>
<tr>
<td>Wonders with Watercolors</td>
<td>Mon. - Tue. 9 a.m. - 4 p.m.</td>
<td>Feb. 3 - 4</td>
<td>Watermedia (E) PI, LoF, WCI</td>
<td>12</td>
</tr>
<tr>
<td>Color Layering for Colored Pencil</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Feb. 7, 8, 9</td>
<td>Techniques (R) No prerequisites</td>
<td>18</td>
</tr>
<tr>
<td>Botany</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Feb. 14, 15, 16</td>
<td>Techniques (R) No prerequisites</td>
<td>15</td>
</tr>
<tr>
<td>Watercolor I - Distance</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Feb. 21, 22, 23</td>
<td>Watermedia (R) PI, CM</td>
<td>19</td>
</tr>
<tr>
<td>Light on Form</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Feb. 28, Mar. 1 - 2</td>
<td>Techniques (R) PI</td>
<td>17</td>
</tr>
</tbody>
</table>

PLEASE NOTE: Students with Botanical Illustration Certificate are eligible to take all electives.


= Visiting Instructor | = Distance Learning Option | = Off-Site
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Day/Time</th>
<th>Dates</th>
<th>Medium</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drawing from Your Photos</td>
<td>Susan Rubin</td>
<td>3 Mondays 9 a.m. - 2:30 p.m.</td>
<td>Mar. 17, 24, 31</td>
<td>Techniques (E)</td>
<td>23</td>
</tr>
<tr>
<td>Portfolio Preparation</td>
<td>Mervi Hjelmroos-Koski</td>
<td>2 Mondays 6 p.m. - 9 p.m.</td>
<td>Mar. 17, 24</td>
<td>Mandatory for 2014 graduates</td>
<td>3</td>
</tr>
<tr>
<td>Inspired by Historical Patterns</td>
<td>Annie Reiser</td>
<td>3 Mondays 6 - 9 p.m.</td>
<td>Apr. 7, 21, 28</td>
<td>Techniques (E)</td>
<td>26</td>
</tr>
<tr>
<td>Watercolor I</td>
<td>Laurence Pierson</td>
<td>5 Tuesdays 9 a.m. - noon</td>
<td>Mar. 18, 25, Apr. 1, 8, 22</td>
<td>Watermedia (R)</td>
<td>19</td>
</tr>
<tr>
<td>Daffodils in Living Color</td>
<td>Constance Sayas</td>
<td>5 Tuesdays 1 - 4 p.m.</td>
<td>Mar. 18, 25, Apr. 1, 8, 22</td>
<td>Watercolor (E)</td>
<td>30</td>
</tr>
<tr>
<td>Watercolor II</td>
<td>Constance Sayas</td>
<td>5 Tuesdays 6 - 9 p.m.</td>
<td>Mar. 18, 25, Apr. 1, 8, 22</td>
<td>Watermedia (R)</td>
<td>20</td>
</tr>
<tr>
<td>Perspective</td>
<td>Marjorie Leggitt</td>
<td>5 Wednesdays 9 a.m. - noon</td>
<td>Mar. 19, 26, Apr. 2, 9, 23</td>
<td>Techniques (R)</td>
<td>17</td>
</tr>
<tr>
<td>Light on Form</td>
<td>Susan Rubin</td>
<td>5 Wednesdays 1 - 4 p.m.</td>
<td>Mar. 19, 26, Apr. 2, 9, 23</td>
<td>Techniques (R)</td>
<td>17</td>
</tr>
<tr>
<td>Color Pencil II</td>
<td>Susan Rubin</td>
<td>5 Wednesdays 6 - 9 p.m.</td>
<td>Mar. 19, 26, Apr. 2, 9, 23</td>
<td>Colored Pencil (R)</td>
<td>19</td>
</tr>
<tr>
<td>Birds in Graphite</td>
<td>Randy Raak</td>
<td>4 Thursdays 9 a.m. - 2:30 p.m.</td>
<td>Mar. 20, 27, Apr. 3, 10</td>
<td>Graphite (E)</td>
<td>25</td>
</tr>
<tr>
<td>Improve Your Handwriting</td>
<td>Renee Jorgensen</td>
<td>3 Thursdays 6 - 9 p.m.</td>
<td>Mar. 27, Apr. 3, 10</td>
<td>Techniques (E) No prerequisites</td>
<td>21</td>
</tr>
<tr>
<td>50 Ways to Attach Your Cover</td>
<td>Kitty Marryatt, Scripps College</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Mar. 7, 8, 9</td>
<td>Bookbinding (E) No prerequisites</td>
<td>12</td>
</tr>
<tr>
<td>Color Layering for Colored Pencils</td>
<td>Susan Rubin</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Mar. 14, 15, 16</td>
<td>Techniques (R) No prerequisites</td>
<td>18</td>
</tr>
<tr>
<td>Botanical Zentangle®</td>
<td>Annie Reiser</td>
<td>Sunday 9 a.m. - 2:30 p.m.</td>
<td>Mar. 23</td>
<td>Techniques (E) No prerequisites</td>
<td>21</td>
</tr>
<tr>
<td>Colored Pencil I - Distance</td>
<td>Susan DiMarchi</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Mar. 21, 22</td>
<td>Colored pencil No prerequisites</td>
<td>18</td>
</tr>
<tr>
<td>Portfolio Preparation</td>
<td>Mervi Hjelmroos-Koski</td>
<td>Friday 9 a.m. - 4 p.m.</td>
<td>Mar. 28</td>
<td>Mandatory for 2014 graduates</td>
<td>3</td>
</tr>
<tr>
<td>Make Your Own Portfolio</td>
<td>Mervi Hjelmroos-Koski</td>
<td>Saturday 9 a.m. - 4 p.m.</td>
<td>Mar. 29</td>
<td>Bookbinding (E) No prerequisites</td>
<td>22</td>
</tr>
<tr>
<td>Make Your Own Portfolio</td>
<td>Mervi Hjelmroos-Koski</td>
<td>Saturday 9 a.m. - 4 p.m.</td>
<td>Mar. 30</td>
<td>Bookbinding (E) No prerequisites</td>
<td>22</td>
</tr>
</tbody>
</table>

PLEASE NOTE: Students with Botanical Illustration Certificate are eligible to take all electives

(NC) Non Credit; (R) Required Course; (E) Elective Course; (P) Pencil; (P&I) Pen and Ink; (LoF) Light on Form; (PP) Perfecting Perspective; (BO) Botany; (EI) Expressive Ink; (COM) Composition; (CL) Color Layering for Colored Pencil; (CM) Color Mixing for Artists; (WC) Water Color; (EI) Expressive Ink

= Visiting Instructor  |  = Distance Learning Option  |  = Off-Site
<table>
<thead>
<tr>
<th>COURSES AT A GLANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL – MAY 2014</td>
</tr>
<tr>
<td>Class/Instructor</td>
</tr>
<tr>
<td>Sketching with Quill and Ink</td>
</tr>
<tr>
<td>Susan DiMarchi</td>
</tr>
<tr>
<td>Focus on Style</td>
</tr>
<tr>
<td>Susan Rubin</td>
</tr>
<tr>
<td>Color Pencil Techniques on Mylar</td>
</tr>
<tr>
<td>Susan Rubin</td>
</tr>
<tr>
<td>DOT: Anthony Tyznik and Spring Flowering Native Shrubs</td>
</tr>
<tr>
<td>Susan DiMarchi</td>
</tr>
<tr>
<td>Colored Pencil I</td>
</tr>
<tr>
<td>Susan DiMarchi</td>
</tr>
<tr>
<td>Light on Form</td>
</tr>
<tr>
<td>Marjorie Leggitt</td>
</tr>
<tr>
<td>Scratchboard with Color</td>
</tr>
<tr>
<td>Randy Raak</td>
</tr>
<tr>
<td>Watercolor Pencil I</td>
</tr>
<tr>
<td>Renee Jorgensen</td>
</tr>
<tr>
<td>Brilliant Butterflies</td>
</tr>
<tr>
<td>Renee Jorgensen</td>
</tr>
<tr>
<td>Outlawed</td>
</tr>
<tr>
<td>Susan DiMarchi</td>
</tr>
<tr>
<td>Pen and Ink I</td>
</tr>
<tr>
<td>Marjorie Leggitt</td>
</tr>
<tr>
<td>Pen and Ink II</td>
</tr>
<tr>
<td>Marjorie Leggitt</td>
</tr>
<tr>
<td>Pencil I</td>
</tr>
<tr>
<td>9 a.m. - 2:30 p.m.</td>
</tr>
<tr>
<td>Spencerian and Copperplate Hands</td>
</tr>
<tr>
<td>Veiko Kesparsak, U.K.</td>
</tr>
<tr>
<td>Traditional Gilding on Velum</td>
</tr>
<tr>
<td>Veiko Kesparsak, U.K.</td>
</tr>
<tr>
<td>Writing Books with Quills &amp; Quill Cutting – Master Class</td>
</tr>
<tr>
<td>Veiko Kesparsak, U.K.</td>
</tr>
<tr>
<td>Open Calligraphy Studio – Practice with the Master</td>
</tr>
<tr>
<td>Veiko Kesparsak, U.K.</td>
</tr>
<tr>
<td>Color Layering for Colored Pencils</td>
</tr>
<tr>
<td>Susan Rubin</td>
</tr>
<tr>
<td>Perspective</td>
</tr>
<tr>
<td>9 a.m. - 2:30 p.m.</td>
</tr>
<tr>
<td>Art Materials</td>
</tr>
<tr>
<td>Renee Jorgensen</td>
</tr>
<tr>
<td>Case Bind Perfect Bindings</td>
</tr>
<tr>
<td>Mervi Hjelmroos-Koski</td>
</tr>
<tr>
<td>Colored Pencil II - Distance</td>
</tr>
<tr>
<td>Susan Rubin</td>
</tr>
</tbody>
</table>

PLEASE NOTE: Students with Botanical Illustration Certificate are eligible to take all electives

(NC) Non Credit; (R) Required Course; (E) Elective Course; (P) Pencil; (P&I) Pen and Ink; (LoF) Light on Form; (PP) Perfecting Perspective; (BO) Botany; (EI) Expressive Ink; (COM) Composition; (CL) Color Layering for Colored Pencil; (CM) Color Mixing for Artists; (WC) Water Color; (EI) Expressive Ink

= Visiting Instructor  | = Distance Learning Option  | = Off-Site
## COURSES AT A GLANCE

**JUNE 2014**

<table>
<thead>
<tr>
<th>Class/Instructor</th>
<th>Day/Times</th>
<th>Dates</th>
<th>Medium</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DOT: Realism and Rory McEwen</strong>&lt;br&gt;Constance Sayas</td>
<td>5 Mondays 9 a.m. - noon</td>
<td>Jun. 2, 9, 16, Jun. 23, 30</td>
<td>Watermedia (E) PI, LoF, WCI</td>
<td>30</td>
</tr>
<tr>
<td><strong>Non-Native Noxious Beauties</strong>&lt;br&gt;Constance Sayas</td>
<td>5 Mondays 1 - 4 p.m.</td>
<td>Jun. 2, 9, 16, Jun. 23, 30</td>
<td>Watermedia (E) PI, WCI</td>
<td>24</td>
</tr>
<tr>
<td><strong>Pencil II</strong>&lt;br&gt;Randy Raak</td>
<td>5 Mondays 1 - 4 p.m.</td>
<td>Jun. 2, 9, 16, Jun. 23, 30</td>
<td>Graphite (R) PI, LoF, BO</td>
<td>16</td>
</tr>
<tr>
<td><strong>Pen and Ink II</strong>&lt;br&gt;Renee Jorgensen</td>
<td>5 Tuesdays 9 a.m. - noon</td>
<td>Jun. 3, 10, 17, Jun. 24, July 1</td>
<td>Pen and Ink (R) PI, P&amp;I I, LoF, BO</td>
<td>18</td>
</tr>
<tr>
<td><strong>Business of Art</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>4 Tuesdays 1 - 4:15 p.m.</td>
<td>Jun. 3, 10, 17, 24</td>
<td>Techniques (E) PI</td>
<td>20</td>
</tr>
<tr>
<td><strong>Color Mixing</strong>&lt;br&gt;Constance Sayas</td>
<td>5 Tuesdays 6 - 9 p.m.</td>
<td>Jun. 3, 10, 17, 24, July 1</td>
<td>Techniques (R) No prerequisites</td>
<td>19</td>
</tr>
<tr>
<td><strong>Botany</strong>&lt;br&gt;Mervi Hjelmroos-Koski</td>
<td>5 Wednesdays 9 a.m. - noon</td>
<td>Jun. 4, 11, 18, 25, July 2</td>
<td>Techniques (R) No prerequisites</td>
<td>15</td>
</tr>
<tr>
<td><strong>One Square Foot</strong>&lt;br&gt;Susan Rubin</td>
<td>5 Wednesdays 1 - 4 p.m.</td>
<td>Jun. 4, 11, 18, 25, July 2</td>
<td>Colored Pencil (E) PI, CPI</td>
<td>28</td>
</tr>
<tr>
<td><strong>Pencil I</strong>&lt;br&gt;Renee Jorgensen</td>
<td>5 Wednesdays 6 - 9 p.m.</td>
<td>Jun. 4, 11, 18, 25, July 2</td>
<td>Graphite (R) No prerequisites</td>
<td>16</td>
</tr>
<tr>
<td><strong>Botanical Landscapes</strong>&lt;br&gt;Karla Beatty</td>
<td>5 Thursdays 9 a.m. - noon</td>
<td>June 5, 12, 19, 26, Jul. 3</td>
<td>Watermedia (E) PI, WCI</td>
<td>22</td>
</tr>
<tr>
<td><strong>CSI – Criminally Seeding Invasives</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>5 Thursdays 1 - 4 p.m.</td>
<td>Jun. 5, 12, 19, 26, Jul. 3</td>
<td>Pen and Ink (E) PI, LoF, PP, P&amp;I II</td>
<td>24</td>
</tr>
<tr>
<td><strong>Composition</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>5 Thursdays 6 - 9 p.m.</td>
<td>Jun. 5, 12, 19, 26, Jul. 3</td>
<td>Techniques (R) No prerequisites</td>
<td>16</td>
</tr>
<tr>
<td><strong>Botany in Steamboat Springs</strong>&lt;br&gt;Mervi Hjelmroos-Koski</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jun. 6, 7, 8</td>
<td>Techniques (R) No prerequisites</td>
<td>15</td>
</tr>
<tr>
<td><strong>Advanced Botanical Zentangle®</strong>&lt;br&gt;Annie Reiser</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jun. 6, 7, 8</td>
<td>Techniques (E) ZI</td>
<td>21</td>
</tr>
<tr>
<td><strong>Perfecting Perspective</strong>&lt;br&gt;Marjorie Leggitt</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jun. 13, 14, 15</td>
<td>Techniques (R) PI</td>
<td>17</td>
</tr>
<tr>
<td><strong>Pencil I</strong>&lt;br&gt;Constance Sayas</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jun. 20, 21, 22</td>
<td>Graphite (R) No prerequisites</td>
<td>16</td>
</tr>
<tr>
<td><strong>Light on Form</strong>&lt;br&gt;Susan Rubin</td>
<td>Fri., Sat., Sun. 9 a.m. - 2:30 p.m.</td>
<td>Jun. 27, 28, 29</td>
<td>Techniques (R) PI</td>
<td>17</td>
</tr>
</tbody>
</table>

---

**REGISTER**

*(REGISTRATION BEGINS DECEMBER 10, 9 A.M.)*

Online: www.botanicgardens.org | Phone: 720-865-3580

---

PLEASE NOTE: Students with Botanical Illustration Certificate are eligible to take all electives.

(NC) Non Credit; (R) Required Course; (E) Elective Course; (P) Pencil; (P&I) Pen and Ink; (LoF) Light on Form; (PP) Perfecting Perspective; (BO) Botany; (EI) Expressive Ink; (COM) Composition; (CL) Color Layering for Colored Pencil; (CM) Color Mixing for Artists; (WC) Water Color; (EI) Expressive Ink; (ZI) Botanical Zentangle®

= Visiting Instructor | = Distance Learning Option | = Off-Site
Design Your Own Storybook

This class teaches how to illustrate an original or classic story. Creating a dummy book is a daunting task, but this workshop will start with a brief overview of picture books including types, structure and pacing and will guide students through a basic process of making a dummy book. Dividing up text, sketching thumbnails, laying out the storyboard and, if time allows, making the final dummy will also be covered. The majority of the class time is open for students to work on their stories. Students are asked to bring their manuscripts. For a 32 page book it is best to have the text under 500 words. Fee: $300 member, $400 non-member.

No refunds for registration cancellations unless the seat can be filled.

DATE: Fri. – Sun., Jan. 17 - 19 | TIME: 9 a.m. - 4 p.m. (18 hours)
INSTRUCTOR: Dorothia Rohner, Painted Wings Studio

Dorothia Rohner has illustrated two picture books, “Numbers in a Row, An Iowa Number Book” (Sleeping Bear Press) and “Effie’s Image” (Prairieland Press). Her work has been published in Cricket Magazine, SCBWI Bulletin and various educational publications. As a scientific illustrator and production artist, she has created illustrations, storyboards, CD’s and animations for Smithsonian Institution, WCB Publishing, Harper Collins, Steck-Vaughn Publishing, Mattel Interactive, Hasbro Interactive and South Peak Interactive. She is a member of Society of Children’s Book Writers and Illustrators and serves as the Illustrator Coordinator/Webmaster for SCBWI-Iowa. Rohner is a long-time member of the Guild of Natural Science Illustrators and past recording secretary.

Watercolors with WOW – Master class with Anna Mason

The class will focus on creating realism and 3D effects and how to give botanical watercolors the “WOW” factor to have them stand out from the crowd. The focus will be on brush technique aimed at preventing “flat” looking work. Students will work with tone and hue in layers to bring the paintings to life and are encouraged to scale up the paintings to “larger than life” for dramatic impact and increased levels of detail. Working on orchids, Mason will provide a step-by-step painting demonstration before the students attempt the process. She will share her color palette with tips for achieving truly vibrant colors. A session on photography and how to use photographs as reference material for botanical work will also be featured. Fee: $380 member, $420 non-member. Prerequisites: Certificate in Botanical Illustration.

DATE: Fri. – Sun., Jan. 31 - Feb. 2 | TIME: 9 a.m. - 4 p.m. (18 hours)
INSTRUCTOR: Anna Mason, U.K.

No refunds for registration cancellations after January 1, 2014 unless your seat can be filled. Note: Because the space is limited you can only register for one of Anna Mason’s courses.

Wonders with Watercolors

Anna Mason will demonstrate key aspects of her technique - including working “larger than life”, layering and creating visual texture. A special focus will be on achieving the full tonal range - something Mason believes is fundamental to achieving 3D effects and realism. Students will work on a painting from start to finish, being shown the techniques in a step-by-step style. Shine and bloom fruit painting techniques will be shared. Fee: $225 member, $280 non-member. Prerequisites: PI, LoF, PP, CM, WC1 (or certificate in Botanical Illustration).

DATE: Mon. – Tue., Feb. 3 - 4 | TIME: 9 a.m. - 4 p.m. (12 hours)
INSTRUCTOR: Anna Mason, U.K.

No refunds for registration cancellations after January 1, 2014 unless your seat can be filled. Note: Because the space is limited you can only register for one of Anna Mason’s courses.
Anna Mason began painting in 2006 and is well known for her vibrant and 3D paintings with fresh, large-scale compositions. She is self-taught and has developed an unusual and accessible watercolor technique for botanical painting. She works mainly from her own photographs and is passionate about using modern technology to aid painting. Passionate about teaching, Mason provides step-by-step demonstrations. Her clear and encouraging style has achieved great results for students and she also provides online video tutorials. Mason was awarded a Royal Horticultural Society Gold medal and Best in Show award in 2007 for a series of enlarged apple and blossom watercolors. Her paintings are held in the Royal Horticultural Society and Shirley Sherwood collections and she is a member of the Society of Botanical Artists. She exhibits at the prestigious Chelsea Flower Show and teaches with the Royal Horticultural Society. Her book “The Modern Flower Painter” will be published by Search Press in Spring 2014.

Kitty Maryatt is the director of the Scripps College Press and Assistant Professor of Art at Scripps College in Claremont, California. She has taught Typography and the Book Arts at Scripps for 27 years. She also teaches a core humanities class called From Materiality to Immateriality: The Coming of the Artist Book. Maryatt owns Two Hands Press in Playa Vista, where she designs and prints books and produces book bindings for clients as well as continuing her calligraphic work. She also creates one-of-a-kind artist books. She is VP for Programs for APHA (American Printing History Association) and is on the Board of Directors for CBAA (College Book Art Association) and founder of the Society for Calligraphy in Los Angeles and a long-time member of Guild of Book Workers.

Spencerian and Copperplate Hands

Using a pointed, flexible nib, students will learn how to create a beautiful monoline script that forms the foundation of Spencerian and Copperplate hands. This workshop will begin with basic strokes and progress through mastering elegant minuscule and capital letterforms based on an original 18th century example book. Different pointed pens, penholders and papers, will be used to determine what works best for each pen. When the practice is completed, basic letterform transformations with the application of flourishes will be explored. After mastering the Spencerian hand, the workshop will study the Copperplate letterforms and learn how to manage and control the thickness of a line while writing. Key pen strokes and the underlying principles of how flourishes are structured will be taught, along with how they can be used for different effects.

Prerequisite: Knowledge of Italian hand. Fee: $325 member, $375 non-member.

DATE: Fri. – Sun., Apr. 11 - 13 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Veiko Kespersaks, U.K.

Kitty Maryatt

50 Ways to Attach Your Cover

This workshop provides an overview of the various ways to attach hard (and soft) covers to books. Explore various methods including lacing-on, casing-in, and gluing and hinging. The sewing of the structure is intimately connected to the way the cover is attached and how the tapes or cords (supports) lace through a cover. After the overview, there will be demonstrations of various ways to lace-in pre-sewn models over tapes and cords, highlighting the intricacies of each method. Students will sew a book over tapes or cords, choose a covering type. Previous binding experience will dictate what each student may accomplish. Some homework after each day of the workshop may be needed. Finally, unique cover materials such as paper, wood boards, plastic and metal will be discussed. Three different models of attachments will be demonstrated in this workshop. Fee: $350 member, $400 non-member. No prerequisites.

No refunds for registration cancellations after February 2 unless your seat can be filled.

DATE: Fri. – Sun., Mar. 7 - 9 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Kitty Maryatt, Scripps College
Traditional Gilding on Vellum

This practical and exciting course is for anyone interested in this ancient craft. It offers an opportunity to get a feel for all the possibilities gesso gilding offers in our world today. Not to be confused with paper products named “vellum,” vellum and parchment are natural writing and painting materials manufactured from calf, sheep or goat skin. Students first learn how to prepare the vellum through three basic treatments that will satisfy standard requirements and later learn how to prepare gesso with a historical recipe. Students will gild on the prepared gesso and modern ready-made gesso. By the end of the course, students will have completed several small-scale projects using different methods of gilding. This course is suitable for beginners as well as for those who wish to expand their existing knowledge and techniques on traditional gilding. Fee: $325 member, $375 non-member.

DATE: Mon. – Wed., Apr. 14 - 16 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Veiko Kespersaks, U.K.

Writing Books with Quills & Quill Cutting – Master Class

The course will cover the history, preparation and the cutting of quills, as well as quill application to paper with ink. Students will discover the writing style suitable for quills and practice letterforms and words in the context of sentences and finally write functional text. Students will develop their own writing style and discover how fine writing is achieved. Through trials with paper and vellum, the workshop will explore what surface works best for quill writing. The workshop will cover book page layouts, rhythms of writing and how to cut a quill and make sure that it is sharp enough for the writing. Students will write one to two pages of text each day. By the end of the workshop, every student will have started a book that will be ongoing for a couple of months. All information and advice will be given on how to complete the book. Basic knowledge of Italic/Foundational hand is required. Fee: $350 member, $400 non-member.

DATE: Fri. – Sun., Mon. – Fri., Apr. 14 - 18 | TIME: 6 - 9 p.m.
INSTRUCTOR: Veiko Kespersaks, U.K.

Open Calligraphy Studio – practice the learned with the Master

This Open Studio is for students who want to experience the creative and supportive environment without attending a structured workshop. Students can work on their own projects throughout open hours at their own pace. A tutor is available for help and advice, but there will be no formal teaching. This space is open to all lettering and calligraphy students who want to develop their ideas and work at their own pace. The tutor will help on a project, support the work-in-progress or advise how to add the finishing touches. Attending the Open Studio is ideal for students who want to progress their personal projects (or ideas) or need to freshen up their knowledge of any handwriting style. Fee: $150 member, $180 non-member.

DATE: Thu. – Fri., Apr. 17 - 18 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Veiko Kespersaks, U.K.

Register for two or more courses and get 10% discount or take all four for $900. No refunds after March 10 unless your seat can be filled.

Veiko Kespersaks is a leading North European calligraphy specialist and lettering designer based in London. He has an international reputation as one of the most skilled lettering artists and teachers working in the field. He holds a BA and an MA from Roehampton University, is a fellow of CLAS and SSI and has recently published a book “Calligraphy in 24 Hours.” He also runs a calligraphy studio in Central London and is the past Chairman of the Society of Scribes and Illuminators. Kespersaks is program Leader for the Calligraphy Degree course at Satakunta University of Applied Sciences, Finland.
INTRODUCTORY COURSE

Introduction to Botanical Illustration
Entry-level students will acquire the techniques needed to draw botanical objects. Simple exercises train the student to observe objectively and draw accurately. A relaxed pace and straightforward instruction will open the mind to creative abilities. Build drawing skills to enter the School of Botanical Art & Illustration with confidence. Fee: $225 member, $280 non-member. No prerequisites.

Note: If you have had some drawing experience, please go directly to Pencil I.

DATE: Fri. – Sun., Apr. 25 – 27 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Renee Jorgensen

REQUIRED COURSES

Botany for the Botanical Illustrator
What is the difference between a carpel and a pistil? The science of the subjects drawn determines what is seen. This enlightening lab class is designed specifically for students of botanical illustration. Take a close look at plant anatomy and learn to recognize botanical details that will make students’ drawings more accurate and realistic. Learn about plant morphology through detailed instruction and supporting visuals. Fee: $225 member, $280 non-member. No prerequisites.

FEE: $225 member, $280 non-member.
DATE: Fri. – Sun., Feb. 14 – 16 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Mervi Hjelmroos-Koski

FEE: $230 member, $285 non-member.
DATE: Wed., Jun. 4, 11, 18, 25, Jul. 2
TIME: 9 a.m. - Noon
INSTRUCTOR: Mervi Hjelmroos-Koski

[Yampa River Botanic Park, Steamboat Springs]
FEE: $350 member, $400 non-member.
DATE: Jun. 6 - 8 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Mervi Hjelmroos-Koski
Composition for Botanical Illustration

The arrangement of line, shape and color in artwork is an art form itself. The difference between a pleasant picture and an amazing artwork is often found in composition. This course begins with a study of recognized masters and contemporary illustrators. Learn how to use compositional elements and principles in botanical illustration. Exercises to create thumbnail compositions develop insight and expertise to enhance all of your future illustrations. No prerequisites.

FEE: $225 member, $280 non-member.
DATE: Tue., Jan. 7, 14, 21, 28, Feb. 4
TIME: 9 a.m. - Noon
INSTRUCTOR: Marjorie Leggitt

FEE: $230 member, $285 non-member.
DATE: Thu., Jun. 5, 12, 19, 26, Jul. 3 | TIME: 6 - 9 p.m.
INSTRUCTOR: Marjorie Leggitt

FEE: $230 member, $285 non-member
DATE: Fri. – Sun., Jun. 13 - 15 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Marjorie Leggitt

Botanical Illustration in Pencil I

Learn to draw with a brief history and overview of botanical illustration elements. Learn the skills of careful observation and realistic drawing in graphite pencil, including line drawing, shading and perspective. Added techniques help render accurate perspective, texture and detail. This is the entry course for every program student and a prerequisite for all required courses to follow. Students will emerge from this class with the tools needed to draw anything. No prerequisites.

FEE: $225 member, $280 non-member.
DATE: Fri. – Sun., Jan. 24 - 26 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Randy Raak

Botanical Illustration in Pencil II

Simple and classic, pencil drawing is a timeless art form. Expand on the drawing skills learned in Pencil I and reinforce and refine graphite pencil knowledge. Learn additional techniques for shading, texture, perspective, depth and composition. A good drawing is the basis of botanical illustration in any medium. Group instruction and individual attention are tailored to help students complete a botanical plate in this subtle and striking medium. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Light on Form, Botany for the Botanical Illustrator.
Light on Form
This class takes drawing skills from flat to fabulous. The secret to portraying light and shadow on subjects lies in understanding the scientific method of lighting as it applies to different forms. Beginning with basic geometric shapes, skills in showing light and volume will be refined. The class will work entirely in graphite pencil, but the principles apply to all other media. As students progress to fruits and vegetables, leaves and flowers, and to entire plants with complex shapes, they will overcome obstacles in creating three-dimensional drawings.
Prerequisite: Pencil I.

Perfecting Perspective
Even experienced illustrators sometimes struggle with foreshortening and simplify their subjects to eliminate difficult elements. Students will work with botanical subjects that demonstrate each aspect of perspective and learn techniques for seeing and depicting it accurately. The class will work entirely in graphite pencil, but the principles apply to all art media. Gain confidence in drafting skills and improve all drawings from this class, forward. Fee: $225 member, $280 non-member.
Prerequisite: Pencil I.
Botanical Illustration in Pen and Ink I
Pen and ink is at the heart of botanical illustration. Expand the drawing repertoire and learn techniques to create line, form and texture in black and white. Expressive line and stipple become part of each student’s artistic vocabulary as he or she practices this traditional medium with modern and versatile technical pens. Step-by-step instruction, demonstration and practice will provide the foundation needed to draw any botanical subject accurately and skillfully. Fee: $225 member, $280 non-member. Prerequisite: Pencil I, Perfecting Perspective strongly recommended.

DATE: Mon., Feb. 10, 17, 24, Mar. 3, 10 | TIME: 6 - 9 p.m.
INSTRUCTOR: Renee Jorgensen

DATE: Thu., Apr. 24, May 1, 15, 22, 29 | TIME: 1 - 4 p.m.
INSTRUCTOR: Marjorie Leggitt

Botanical Illustration in Pen and Ink II
This class takes pen and ink skills to a new level of sophistication. Students will explore the Gardens’ limitless world of color, texture and complex botany to incorporate this information into black and white illustrations. Working with both technical pen and traditional quill, students will learn advanced techniques to make strokes mimic the fuzz on a fern, the down in a milkweed pod or the mottled colors of a variegated begonia. Layering and line manipulation, along with stipple, will also be covered. Pen techniques take on new meaning as final inked illustrations of a plant are fleshed out. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Pen and Ink I, Perfecting Perspective, Light on Form, Botany for the Botanical Illustrator.

FEE: $225 member, $280 non-member.
DATE: Thu., Apr. 24, May 1, 15, 22, 29 | TIME: 6 - 9 p.m.
INSTRUCTOR: Marjorie Leggitt

FEE: $230 member, $285 non-member.
DATE: Tue., Jun. 3, 10, 17, 24, Jul. 1 | TIME: 9 a.m. – Noon
INSTRUCTOR: Renee Jorgensen

Color Layering for Colored Pencil
Colored pencil presents the special challenge of mixing color directly onto a drawing. Students will learn how to use a simple color mixing method adapted to the application of colored pencils. Two-, three- and four-color mixing will create gorgeous greens and luscious lilacs. Learn to determine shadow colors for vibrant results and practice color matching with a variety of plant material as each student creates an extensive color workbook to speed color selection and application for all future colored pencil drawings. Fee: $225 member, $280 non-member. No prerequisites.

DATE: Fri. - Sun., Feb. 7 - 9 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Susan Rubin

DATE: Fri. - Sun., Mar. 14 - 16 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Susan Rubin

DATE: Fri. - Sun., May 2 - 4 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Susan Rubin

Botanical Illustration in Colored Pencil I
After students have learned to layer colored pencil, this class teaches the techniques to draw effectively in this medium. Students will apply drawing skills and learn new methods specific to colored pencils. Techniques include layering, building and burnishing in color. This versatile, portable medium is perfect for sketching on location as well as producing studio pieces. Learn through instruction, demonstration and practice on small studies of botanical subjects. Students will be ready to produce a finished plate in Colored Pencil II. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Light on Form alt. Perfecting Perspective, Color Layering for Colored Pencil.

DATE: Mon., Jan. 6, 13, 20, 27, Feb. 3 | TIME: 6 - 9 p.m.
INSTRUCTOR: Susan DiMarchi

FEE: $225 member, $280 non-member.
DATE: Tue., Jun. 3, 10, 17, 24, Jul. 1 | TIME: 9 a.m. – Noon
INSTRUCTOR: Renee Jorgensen
ONLINE WITH ON-SITE COMPONENT

FEES: $350 member, $400 non-member.

IN-CLASS SESSIONS:
DATE: Fri. - Sat., Mar. 21 - 22 | TIME: 9 a.m. - 2:30 p.m.
All assignments are to be completed no later than April 28, 2014
INSTRUCTOR: Susan DiMarchi

DATE: Tue., Apr. 29, May 6, 13, 20, 27 | TIME: 1 - 4 p.m.
INSTRUCTOR: Susan DiMarchi

Botanical Illustration in Colored Pencil II
Colored pencil skills will be taken to the next level in this class. Students will work through a step-by-step process to create a preparatory layered drawing and learn techniques to create texture, detail and depth. Surface and solvent experimentation will take place for blending and shading. Depth will be added with atmospheric perspective and finishing techniques that will make the drawings pop. Individual attention will guide students as they create a finished botanical plate. Prerequisites: Pencil I, Light on Form, Botany for the Botanical Illustrator, Color Layering for Colored Pencil, Colored Pencil I.

FEE: $225 member, $280 non-member.

DATE: Wed., Mar. 19, 26, Apr. 2, 9, 23 | TIME: 6 - 9 p.m.
INSTRUCTOR: Susan Rubin

ONLINE WITH ON-SITE COMPONENT

FEES: $350 member, $400 non-member.

IN-CLASS SESSIONS:
DATE: Fri. - Sat., May 23 - 24 | TIME: 9 a.m. - 2:30 p.m.
All assignments are to be completed no later than June 27, 2014
INSTRUCTOR: Susan Rubin

Color Mixing
The first step to watercolor painting is mixing colors. This class will explore a system for combining colors consistently to eliminate frustrating trial and error. Exercises, demonstrations and discussion will show students how to achieve the broadest possible spectrum and what paint properties and important information choosing pigments. Students will practice mixing colors to match a variety of plant material and gain the confidence and skills to improve all their color work. Fee: $225 member, $280 non-member.

No prerequisites.

DATE: Wed., Feb. 12, 19, 26, Mar. 5, 12 | TIME: 1 - 4 p.m.
INSTRUCTOR: Constance Sayas

DATE: Tue., May 27, Jun. 3, 10, 17, 24 | TIME: 6 - 9 p.m.
INSTRUCTOR: Constance Sayas

Botanical Illustration in Watercolor I
This introductory watercolor class will combine drawing skills and color mixing to discover the delight of putting brush to paper. Instruction, demonstration and practical exercises will guide students through a variety of watercolor techniques including flat and graded washes, highlights and drybrush detail. Students will build Washes for depth of tone and shading, and create soft and hard edges. With these foundational skills, students will be ready to create a finished plate in Watercolor II. Prerequisites: Pencil I, Color Mixing.

ONLINE WITH ON-SITE COMPONENT

FEES: $350 member, $400 non-member.

IN-CLASS SESSIONS:
DATE: Fri. - Sun., Feb. 21 - 23 | TIME: 9 a.m. - 2:30 p.m.
All assignments are to be completed no later than Mar. 21, 2014
INSTRUCTOR: Constance Sayas

FEE: $225 member, $280 non-member.

DATE: Tue., Mar. 18, 25, Apr. 1, 8, 22 | TIME: 9 a.m. - Noon
INSTRUCTOR: Laurence Pierson

= Distance Learning Option | = Off-Site
Botanical Illustration in Watercolor II

After completing Watercolor Basics, this class will develop confidence as students work toward completing a finished plate from a live specimen. Students will learn how to refine additional techniques through instruction, demonstration and practice, with special attention given to layering, shading and building form. Brush techniques and colors that enhance perspective and depth will also be covered. Students will learn how to fix mistakes and understand why watercolor is a forgiving medium. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Color Mixing, Watercolor I, Botany for Botanical Illustrators, Light on Form.

DATE: Mon., Jan. 6, 13, 20, 27, Feb. 3 | TIME: 1 - 4 p.m.
INSTRUCTOR: Constance Sayas

DATE: Tue., Mar. 18, 25, Apr. 1, 8, 22 | TIME: 6 - 9 p.m.
INSTRUCTOR: Constance Sayas

OPEN STUDIO

Open Studio is for students who want to experience a creative and supportive environment without attending a structured workshop. Students can work on their own projects during open hours, at their own pace. A tutor is available for help and advice (10 a.m. – Noon and 2 - 4 p.m.), but there will be no formal teaching. The tutor will help students get started on a project or advise how to add the finishing touches. Attending the Open Studio will be ideal for students who want to advance their personal projects (or ideas) or need to refresh their knowledge of any media. Fee/Session: $15 member, $20 non-member. Pre-registration required.

• Thu., Jan. 9 | TIME: 1 - 4 p.m.
• Thu., Jan. 16 | TIME: 1 - 4 p.m.
• Thu., Jan. 23 | TIME: 1 - 4 p.m.
• Thu., Jan. 30 | TIME: 1 - 4 p.m.
• Thu., Feb. 6 | TIME: 1 - 4 p.m.
• Mon., Feb. 17 | TIME: 9 a.m. – Noon
• Mon., Feb. 24 | TIME: 9 a.m. – Noon
• Mon., Mar. 3 | TIME: 9 a.m. – Noon
• Mon., Mar. 10 | TIME: 9 a.m. – Noon

ELECTIVE COURSES

Art Materials for the Botanical Illustrator

This class will take the mystery out of a vast array of materials. This information-packed class will provide detailed information about all of the art materials used throughout the Botanical Illustration program. From papers to pencils, inks to pens, brushes to paints, students will learn where and how to find all the right materials and how they are used. Save time and money by shopping expertly the first time. Fee: $55 member, $85 non-member. No prerequisites.

DATE: Fri., May 16 | TIME: 9 a.m. – Noon
INSTRUCTOR: Renee Jorgensen

The Business of Botanical Art

Students interested in pursuing professional botanical illustration will learn about the skills and materials needed to professionally market themselves. The class will help students organize and build an artwork portfolio design an effective business card. Train the left-brain business manager to work with the right-brain artist to organize contracts, paperwork, legal issues and archiving artwork. The class will visit a paper store and a printer to provide vital information for launching a professional future. Prerequisite: Pencil I.

FEE: $225 member, $280 non-member.

DATE: Thu., Jan. 9, 16 | TIME: 6 - 9:30 p.m.
DATE: Fri. Jan. 24 | TIME: 1 - 5 p.m.
DATE: Thu., Jan. 30 | TIME: 6 - 9:30 p.m.
INSTRUCTOR: Marjorie Leggitt

FEE: $230 member, $285 non-member.

DATE: Tue., June 3, 10, 17, 24 | TIME: 1 - 4:45 p.m.
INSTRUCTOR: Marjorie Leggitt
Improve Your Handwriting Skills

Handwriting is becoming a lost art since the personal computer and text messaging have become the primary written communication methods. Researchers suggest that developing writing skills will aid the visual identification of graphic shapes. This workshop will teach how to develop and improve handwriting skills while exploring simple methods to improve signatures and penmanship. With practice, you will be able to make neater writing a habit. Fee: $135 member, $165 non-member. No prerequisites.

DATE: Wed., Mar. 27, Apr. 3, 10 | TIME: 6 - 9 p.m.
INSTRUCTOR: Renee Jorgensen

JOURNALING, FIELD DOCUMENTING

Botanical Zentangle®

Based on the worldwide doodling craze called “Zentangle®” started by Rick Roberts and Maria Thomas, we will learn and practice repetitive strokes that form intricate decorative botanical patterns. Learn to relax and focus as you express your style through intricate, decorative drawings that are simple to render, but look amazing and complicated. We will practice strokes consciously and deliberately, observe botanicals and mock their natural designs to make our own “botangles” or repetitive strokes based on plants. Using keen observation and contour drawing techniques combined with ability to translate plant forms and textures into patterns, you will create your own special botangle. Fee: $75 member, $95 non-member. No prerequisites.

DATE: Sun., Mar. 23 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Annie Reiser, CZT

Advanced Botanical Zentangle®

This class is a continuation of Botanical Zentangle® that aims to polish “botangle” skills by translating plant forms and textures into Zentangle-like patterns. Skills include drawing fluid lines, a better understanding and control of light on form using line and shading, and developing botanical Zentangles with a step-out method. The class will explore “tanglations” (variations of existing tangles) and use tangles within other tangles to create new ones. Students will share new designs with classmates and create a small portfolio of 12 completed tangles, incorporating new designs into familiar ones. Fee: $230 member, $285 non-member. Prerequisites: Entry level Zentangle®.

DATE: Fri. - Sun., June 6 - 8 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Annie Reiser, CZT

Sketching with Quill and Ink

It is difficult to find an ink tool that can produce a line that equals the delicacy and fluidity of a quill. The earliest metal nibs were excavated at Pompeii. Joseph Gillott started to manufacture steel pens in 1825 and Gillott crow quills are still in general use today. In this guided, fast paced sketching class, students will become comfortable using ink and quill to sketch vegetables, fruits, seedpods or flowers using lines, marks and stipple. Students will build sketching speed and confidence throughout this five-week course. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Pen and Ink 2, or Expressive Ink or Certificate in Botanical Illustration.

DATE: Mon. Apr. 21, 28, May 5, 12, 19
TIME: 9 a.m. - Noon
INSTRUCTOR: Susan DiMarchi
Botanical Landscapes
Move beyond the studio to focus on landscape and perspective. Begin in the classroom with a historical overview of basic landscape drawing and painting techniques. The class then moves outdoors, to compose intimate landscapes featuring botanical elements. Students will learn to be selective, editing the scene to include elements that characterize the landscape and eliminate extraneous objects. Additional instruction in linear and atmospheric perspective, color, and drawing techniques will help portray surroundings in pencil and watercolor. Individual guidance will help students create a finished botanical landscape painting. Fee: $230 member, $285 non-member. Prerequisites: Pencil I, entry level skills in watercolor.

DATE: Thu., Jun. 5, 12, 19, 26, Jul. 3 | TIME: 9 a.m. - Noon
INSTRUCTOR: Karla Beatty

BOOKBINDING

Make an Art Portfolio Case
This workshop is geared towards graduate candidates, but is open for everybody. Students will produce an archival, attractive case for portfolio pieces or other art, papers or ephemera. It will be covered in quarter cloth with paper sides and has ribbon ties. Three flaps are inside the case to protect the contents. Fee: $90 member, $115 non-member. Fee includes supply kit for the portfolio produced during the class. No prerequisites.

DATE: Sat., Mar. 29 | TIME: 9 a.m. - 4 p.m.
INSTRUCTOR: Mervi Hjelmroos-Koski

DATE: Sun., Mar. 30 | TIME: 9 a.m. - 4 p.m.
INSTRUCTOR: Mervi Hjelmroos-Koski

Case Bind Perfect Bindings
This class instructs how to case bind journals and organize and protect. Students will work with case bound structures, which are the most basic of book structures and bind printed, bound journals or periodicals into a finished bound book. The sturdy binding also allows the book to be opened flat for copying purposes. By the end of the class students will have one or two books filled with periodicals. Fee: $215 member, $290 non-member. Fee includes supply kit for the books produced during the class. No prerequisites.

DATE: Sat. – Sun., May 17 - 18 | TIME: 9 a.m. - 4 p.m.
INSTRUCTOR: Mervi Hjelmroos-Koski
DRAWING TECHNIQUES

Effective Layers: Watercolor on Graphite

Karla Beatty

Students will merge their drawing and watercolor skills in this class by focusing on delicate hand movements with smooth graphite tone. Students will begin with a pale pencil under drawing, or grisaille, which will tackle a watercolor painting with confidence. Continuous tone will be achieved in graphite and watercolor washes. Demonstrations and individual help will guide students toward a finished work.

Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Color Mixing, Water Color I, (Light on Form or Perspective strongly recommended).

DATE: Thu., Feb. 13, 20, 27, Mar. 6, 13 | TIME: 6 - 9 p.m.
INSTRUCTOR: Karla Beatty

Draw from Your Photos

Susan Rubin

There are times when a live specimen is simply not an option. Discover how to work from photographs to create a successful illustration long after the specimen is gone. Start with instruction on taking effective photos for reference and learn techniques to interpret and alter composition, color and lighting that will avoid that literal “drawn from a photo” look. Students will create a lasting plant portrait from their photograph in the medium of choice.

Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Pencil II and Level I of a color medium, or Certificate in Botanical Illustration.

DATE: Mon., Mar. 17, 24, 31 | TIME: 9 a.m. - 2:30 p.m.
INSTRUCTOR: Susan Rubin

Focus on Style

Susan Rubin

This class is designed for a graduate or someone near completion. Students will learn how to define their style and start a body of work that best represents their own point of view. Start with tools for self-assessment and an overview of the possibilities and see how other botanical artists have found clarity, then made small decisions that add up to a personal statement. Students will start a new piece in any medium that will showcase their strengths and style. Whether the student gravitates toward botanical tradition or the cutting edge, they will emerge with a better idea of unique artistic direction. Fee: $225 member, $280 non-member.

Prerequisites: All required classes and at least 50 elective hours, or Certificate in Botanical Illustration.

DATE: Mon., Apr. 21, 28, May 5, 12, 19 | TIME: 1 - 4 p.m.
INSTRUCTOR: Susan Rubin

Texture on Mylar with Colored Pencil

Susan Curnutte

Beauty is in the details. Fuzzy, thorny, rough, smooth; it’s all form on a small scale. Learn to see texture in a new way that allows the student to create realistic textures using a variety of colored pencil techniques specific to Mylar film, including pencil application and layering techniques; how to make the back of the surface enhance the front; and how to erase colored pencil from Mylar. Through guided exercise and practice, the class will assemble a collection of texture technique studies that can be referenced for all future work. Fee: $95 member, $105 non-member. Prerequisites: Pencil I, Color Layering for Colored Pencils, Light on Form, Colored Pencil I, Colored Pencil II, or Certificate in Botanical Illustration.

DATE: Mon., May 5, 12, 19 | TIME: 6 - 9 p.m.
INSTRUCTOR: Susan Rubin
NEW PROJECT – COLORADO’S MOST (NOT) WANTED LIST

With assistance from the Colorado Department of Agriculture, we are participating in the Colorado Noxious Weed Management Program. The goal is to produce educational outreach material and make targeted audiences, such as land managers, property owners, public land users, garden centers, and public education outlets more aware of and recognize invasive and noxious plants that exist in our surroundings. The material would also be helpful to identify and report the invasive weeds. We are offering three illustration courses in different media:

1. Outlawed in Colorado
Students will select a spring flowering invasive species from a provided list for careful study. Skills will be acquired specific to designing a finished botanical plate for reproduction. Learn to address scale, style, composition and color. With instructor guidance, class critiques and individual assistance, students will work in colored pencil to complete the finished product for possible inclusion in the upcoming educational outreach material. This class might involve research in the library and the herbarium. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Colored pencil II, or Certificate in Botanical Illustration.

DATE: Thu., Apr. 24, May 1, 15, 22, 29
TIME: 9 a.m. - Noon
INSTRUCTOR: Susan Dimarchi

2. Non-Native Noxious Beauties
Through watercolor painting and practice in a variety of watercolor skills, this class will explore ways to present wildflower subjects, specifically noxious weeds. Students will be challenged by overlapping leaves, flowers and stems and will learn to portray a variety of textures and plant details. Individual guidance will help students select the appropriate techniques for washes, softening edges and painting details while producing a final plate for possible publication. This class might involve research in the library and in the herbarium. Fee: $230 member, $285 non-member. Prerequisites: Pencil I, Watercolor II, or Certificate in Botanical Illustration.

DATE: Mon., Jun. 2, 9, 16, 23, 30 | TIME: 1 - 4 p.m.
INSTRUCTOR: Constance Sayas

3. CSI – Criminally Seeding Invasives
In this class, advance pen and ink skills to a professional level and help to illustrate educational outreach material about invasive plants in Colorado. After selecting a species from a provided list, students will learn how to prepare and execute pen and ink illustrations for scientific publications. Quality is key and only the most expert works will be selected for publication. Enjoy this rare opportunity to experience working as a botanical illustrator in the world of publication. This class might involve research in the library and in the herbarium. Fee: $230 member, $285 non-member. Prerequisites: Pencil I, Pen and Ink II, or Certificate in Botanical Illustration.

DATE: Mon., Jun. 5, 12, 19, 26, Jul. 3 | TIME: 1 - 4 p.m.
INSTRUCTOR: Marjorie Leggitt
**GRAPHITE**

**Orchids in Graphite**
Orchids are one of the oldest families of flowering plants and date to about 80 million years ago. They are cosmopolitan and found from sea level to 16,500 feet elevation. Orchids are one of the largest plant families in the world with nearly 800 genera and over 25,000 species. The class will begin with a tour in the Gardens’ orchid collection to learn more about this plant family. See how other artists have approached the subject and address the compositional challenges of these mostly epiphytic plants. Students will capture the orchid characteristics in graphite pencil with step-by-step demonstration and individual guidance. Rendering an orchid’s complex flowers requires focus and drawing orchid roots is fun. Students will be on their way to creating a finished botanical portrait of an elegant orchid.

**Fee:** $225 member, $280 non-member.

**Prerequisites:** Pencil I, Light on Form, Perspective, or Certificate in Botanical Illustration.

**Date:** Thu., Jan. 9, 16, 23, 30, Feb. 6 | **Time:** 9 a.m. - Noon

**Instructor:** Randy Raak

**Carbon Dust and Flowers**
This class will push students’ drawing skills into a new realm. Carbon dust has been a mainstay medium for medical and scientific illustrators for more than 75 years. Using a combination of pencil lines and dust “washes” applied with brushes, this medium produces rich, tonal renderings with the value range of charcoal and the precision of watercolor. Various tools associated with carbon dust, including carbon pencils, dust, brushes, blenders and fixative will be introduced. Work from flowers or early spring bulbs which are well suited to the technique and learn to use methodical layering to create a flawless continuous tone from soft gray tones to dark, deep values. Complete the finer details with pencil for a finished carbon-dust rendering. Black and white techniques take on a new meaning as you develop a final illustration from a plant of your choice.

**Fee:** $225 member, $280 non-member.

**Prerequisites:** Pencil I, Light on Form, Perspective, Pencil II, or Certificate in Botanical Illustration.

**Date:** Thu., Feb. 13, 20, 27, Mar. 6, 13 | **Time:** 1 - 4 p.m.

**Instructor:** Karla Beatty

**Birds in Graphite**
This class teaches the common approaches to illustrate birds and how to overcome the challenging proportions and perspective of bird illustration. Start with a specific session on bird photography and how to effectively use photographic references in artwork. The second session takes place at the Denver Zoo to study the moving subject while sketching and photographing them at rest and in flight. Learn bird anatomy and physical characteristics through group instruction and individual attention. Using provided props, students will reference sketches and /or photos to create a sophisticated bird portrait ready to be framed, submitted to an exhibit or included in a portfolio.

**Fee:** $305 member, $365 non-member. (Including the entrance fee to Zoo).

**Prerequisites:** Pencil I, Light on Form, Perfecting Perspective strongly recommended, or Certificate in Botanical Illustration.

**Date:** Thu., Mar. 20, 27, Apr. 3, 10

**Time:** 9 a.m. - 2:30 p.m. [20 hr]

**Instructor:** Randy Raak
PEN & INK

Brush and Quill - Expressive Ink on Mylar
Students will trade the technical pen for a quill and brush to learn how to express ink lines in a relaxed and painterly fashion. Begin with a look at how other artists have used ink expressively. Demonstration and hands-on practice with the new tools and colored inks will prepare students to draw a botanical subject and experiment with techniques. Mistakes can be erased from Mylar. Students will complete a botanical study and enjoy a fresh, fun way to approach this time-honored medium. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Pen and Ink I, Light on Form, or Certificate in Botanical Illustration.

DATE: Wed., Jan. 8, 15, 22, 29, Feb. 5
TIME: 9 a.m. - Noon
INSTRUCTOR: Susan Curnutte

Pen and Quill for Signage
A number of plants in the Gardens’ conservatory need new signage. Students will learn how to follow commercial projects to produce a plant portrait for signage. A plant will be selected from a provided list and studied in the conservatory. Students will learn how to compose for clarity as well as style with instructor demonstrations and individual guidance. Completed work may be used as interpretative signage in Gardens. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Pen and Ink I, Light on Form, or Certificate in Botanical Illustration.

DATE: Wed., Jan. 8, 15, 22, 29, Feb. 5
TIME: 1 - 4 p.m.
INSTRUCTOR: Susan DiMarchi

Exploring Historical Patterns
This class begins with a historical overview of patterns in arts and crafts by following the lines from the early Australian Maoris and the prehistoric European cave paintings to the contemporary Zentangle-patterns. Students will become mindful of patterns in daily surroundings, whether in nature, architecture or art, and produce a series of patterns working from inspirational images. Learn the strength of black and white/positive and negative design while gaining confidence using pen and ink and learn to make pen and ink POP in the final piece. Fee: $140 member, $170 non-member. Prerequisites: Pencil I, Pen and Ink I.

DATE: Mon., Apr. 7, 21, 28
TIME: 6 - 9 p.m.
INSTRUCTOR: Annie Reiser

Scratchboard with accent color
The potential and excitement of scratchboard will be discovered in this class, where contrasts in textures and values produce dramatic, luminous effects. As in no other medium, ink is correctible and can be used with a blade to combine black and white lines and dots, which are the basis of ink textures. Students will add the color as an accent to highlight areas of specific botanical interest or use it as a compositional element. Demonstrations and examples will show how to create a vast range of textures portraying subjects with detail and accuracy. Favorite subjects from nature will be selected to create a composition. Sketch, transfer and render in ink or pencil on white scratchboard by using techniques to convey form, shading, textures and spatial placement. Students will work toward completing at least one final illustration. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Pen and Ink II, or Certificate in Botanical Illustration.
2014 Winter/Spring Courses

**DATE:** Wed., Apr. 30, May 7, 14, 21, 28  
**TIME:** 9 a.m. - Noon  
**INSTRUCTOR:** Randy Raak

**Drawing on Tradition: From Down Under - Cecilia May Gibbs, Mother of the Gumnuts**

May Gibbs (1877-1969) was Australia’s first full-time, professionally trained children’s book illustrator, developing a uniquely Australian fantasy vernacular. She was a contemporary of Beatrix Potter and Kenneth Grahame, and began her career as an illustrator of other people’s work. Gradually her love of fauna and flora created a national consciousness for the Australian people, resulting in a rich national mythology. Students will choose a favorite Australian plant and research its special characteristics to create a precise plate. Whimsical characteristics will be added in a separate overlay, in the style of Mary Gibbs. **Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Pen and Ink II, entry level color media of your choice, or Certificate in Botanical Illustration.

**DATE:** Thu., Feb. 13, 20, 27, Mar. 6, 13  
**TIME:** 9 a.m. - Noon  
**INSTRUCTOR:** Susan DiMarchi

**Drawing on Tradition: Anthony Tyznik and Spring Flowering Native Shrubs and Trees**

Pen and ink skills will be taken to the next level with large scale renderings of Colorado’s spring flowering native trees or shrubs. Students will follow the style of Anthony Tyznik, who was a landscape architect at Illinois’ Morton Arboretum for 40 years and also illustrated the Morton Arboretum Quarterly between 1965 and 1979. His tree illustrations included the mature and immature form of trees along with exceptional details. A Gardens’ expert will lead students on a specialist tour to select a subject for careful study. Learn how to include a human or animal for scale and also capture the details of the specimen. The combination of these two images will tell the whole story. Working in quill and ink, students will learn to work in different scales and supersize drawings onto larger paper to showcase the entire theme. **Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Expressive Ink, Pen and Ink II.

**DATE:** Tue., Apr. 29, May 6, 13, 20, 27  
**TIME:** 9 a.m. - Noon  
**INSTRUCTOR:** Susan DiMarchi

**COLORED PENCIL**

**Drawing on Tradition: Jacqueline Groag and Fabulous Fabrics of the Fifties**

The post-war era was a time of explosive design in color and pattern. Leading the field of textile design was Prague-born Jacqueline Groag, whose award-winning work in Britain brought international fame. Her designs embodied the Modernist style with strong lines and pattern, often with a nod to nature. Students will first have the rare opportunity to view and study specimens from Jill A. Wiltse and H. Kirk Brown II collections located in Denver, one of the most comprehensive holdings of Jacqueline Groag’s works. The class will learn about the principals of the Modernist movement, then streamline familiar botanical forms into fanciful fabric design. Colored pencils and mixed media will be used to create a mid-century botanical design that will be converted into a repeating pattern by hand. The final step will be to have the design made into fabric or wallpaper to create a custom finish for a future project. **Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Colored pencil II, or Certificate in Botanical Illustration.

**DATE:** Tue., Feb. 11, 18, 25, Mar. 4, 11  
**TIME:** 1 - 4 p.m.  
**INSTRUCTOR:** Susan Rubin

---

© = Distance Learning Option | ☀ = Off-Site
Drawing on Tradition: Luis Meléndez and 18th Century Spanish Still Life

Luis Meléndez (1715–1780) is recognized as the premier still-life painter of 18th-century Spain. Meléndez received little acclaim during his lifetime and died in poverty, but his mastery of composition, light, volume and texture enabled him to transform the most mundane of kitchen fare into powerful images. Students will select fruits and vegetables that complement one another and create a pleasing composition with contrasting surface textures. Through demonstrations and individual assistance the class will layer the colors to portray cloth, pottery, glass and botanical subjects. Colored pencil will be used to complete a finished plate in the style of Luis Egidio Meléndez. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Colored Pencil I, or Certificate in Botanical Illustration.

DATE: Tue., Feb. 11, 18, 25, Mar. 4, 11 | TIME: 6-9 p.m.
INSTRUCTOR: Annie Reiser

One Square Foot of Colorado

The Rock Alpine Garden is brimming with blooms and students will be able to select a square foot of ground and explore the diversity of plant life. Working outdoors and also in the classroom, the class will capture a moment in the life of a garden. Students will learn how to fill a square foot, edge-to-edge, and depict everything from plants in all stages to insects, stones and earth. Working in colored pencil and mixed media, the focus will be on composition, accuracy, lighting and textures with plenty of guidance and support to complete a finished plate. Fee: $230 member, $285 non-member. Prerequisites: Pencil I, Colored Pencil I, or Certificate in Botanical Illustration.

DATE: Wed., Jun. 4, 10, 17, 24, Jul. 2 | TIME: 1-4 p.m.
INSTRUCTOR: Susan Rubin

MIXED MEDIA AND ILLUMINATION

The Fragrant Leaf – Story of Tea

According to legend, tea was discovered by accident over 2,000 years ago by the Divine Farmer, Shen Nong, the father of agriculture and medicine in China. Since that time, tea has become an international everyday drink. Beginning with a guided tour at Celestial Seasonings in Boulder, students will learn about plants that make tea, taste the teas and visit Celestial’s art department. In the classroom, students will explore non-traditional botanical compositions and practice mixed media skills to design a story-telling composition that includes props to convey tea-making process. Individual instruction will help students strategize the composition and the usage of mixed media to produce a final plate. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Light on Form, Composition, entry level any other media, or Certificate in Botanical Illustration.

DATE: Tue., Jan. 7, 14, 21, 28, Feb. 4 | TIME: 1-4 p.m.
INSTRUCTOR: Marjorie Leggitt

Storybook Illumination

“Snow White and Rose Red”, “Jack and the Beanstalk”, “The Princess and the Pea” and many other classic tales have botanical content. This class will provide the opportunity to illuminate a story and feature a botanical subject. The life cycle of the plant, its country of origin, and other details from the tale will be researched and illustrated. Students will use the techniques of decorating an ornamental letterform to create
a complete plate that tells a story. Some gilding will be included.

**Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Light on Form, Watercolor I or Watercolor Pencil II or Certificate in Botanical Illustration.

**DATE:** Mon., Feb. 10, 17, 24, Mar. 3, 10  |  **TIME:** 1 - 4 p.m.
**INSTRUCTOR:** Renee Jorgensen

## WATERCOLOR PENCIL

### Brilliant Butterflies

"Butterflies are self-propelled flowers." (R.H. Heinlein). The beauty of the butterfly extends to its relationship with the botanical realm. This class will explore the life cycle of the butterfly as well as its habitats, feeding habits and anatomy. Demonstrations will guide students how to accurately draw a butterfly and apply iridescence to its colorful wings. The butterfly will be placed in context and modern mixed media will be used such as watercolor, colored pencil, watercolor pencil, and pen and ink to create a traditional illumination of a beautiful butterfly.

**Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Color Layering for Colored Pencils, Color Mixing.

**DATE:** Wed., Apr. 30, May 7, 14, 21, 28  |  **TIME:** 1 - 4 p.m.
**INSTRUCTOR:** Renee Jorgensen

### Watercolor Pencil I

This class will explore the versatility of watercolor pencils. Beginning with color studies to explore the qualities of watercolor pencils as they translate into watercolor, students will experiment with graphite pencil and ink on sketches. These new skills will be used to create a finished botanical plate in this fresh and fluid medium.

**Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Color Layering for Colored Pencils, Color Mixing.

**DATE:** Wed., Apr. 30, May 7, 14, 21, 28  |  **TIME:** 1 - 4 p.m.
**INSTRUCTOR:** Renee Jorgensen

### Watercolor Pencil II

Watercolor pencil skills will be expanded with more techniques to create a swatch sampler of watercolor pencil with varied paper and media. Medias include walnut and colored inks, gouache and more. Students will learn how to create backgrounds and refine skills to apply new ideas to a finished work.

**Fee:** $225 member, $280 non-member. **Prerequisites:** Pencil I, Watercolor Pencil I.

**DATE:** Tue., Jan. 7, 14, 21, 28, Feb. 4  |  **TIME:** 6 - 9 p.m.
**INSTRUCTOR:** Renee Jorgensen
WATER MEDIA

Winter Bits of Beauty

“Everything has its beauty but not everyone sees it.” (Confucius, 551-479 BC). Discover the hidden charms of winter plants in this class. Students will explore and expose the extraordinary textures and tones from ordinary and often overlooked subjects. Learn to mix the subtle neutral colors often seen in dried bits such as twigs, bark, seedpods and crinkled leaves. Drybrush skills will be refined, using techniques appropriate for depicting texture and detail. Intimate studies of winter’s botanical bits will be painted. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Watercolor I, Light on Form, or Certificate in Botanical Illustration.

DATE: Wed., Jan. 8, 15, 22, 29, Feb. 5 | TIME: 6 - 9 p.m. INSTRUCTOR: Constance Sayas

Drawing on Tradition: Pierre-Joseph Redouté

In the Golden Age of botanical art, Belgian painter and botanist Pierre-Joseph Redouté (1759 – 1840) was unrivaled. At the age of 23, he moved to Paris and worked at the Museum National D’histoire Naturelle as a natural science illustrator. This class will learn more about the life of this celebrated painter and the times in which he worked. The beautiful watercolor paintings of this great master will be studied and analyzed to mimic his use of light, form and composition to create a truly “spatial” painting. Students will improve composition skills and interpret curving leaves and overlapping stems with effective use of foreshortening, perspective and overlap. The class will work towards producing a finished botanical plate in the style of Pierre-Joseph Redouté. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Watercolor I, Light on Form, or Certificate in Botanical Illustration.

DATE: Wed., Feb. 12, 19, 26, Mar. 5, 12 | TIME: 6 - 9 p.m. INSTRUCTOR: Constance Sayas

Daffodils in Living Color

Daffodils boast many colors, shapes and sizes. Students will practice drawing in perspective and shading the form of the complex three-dimensional blossoms. Watercolor skills will be strengthened while practicing wet-on-wet and dry brush blending techniques. Tips on how to keep flowers vibrant when painting shadows and tricks in depicting the texture of the ruffle-edged petals will be shared. With plenty of individual guidance, students will create a fresh daffodil watercolor painting in time for spring. Fee: $225 member, $280 non-member. Prerequisites: Pencil I, Watercolor I, Light on Form, or Certificate in Botanical Illustration.

DATE: Tue., Mar. 18, 25, Apr. 1, 8, 22 | TIME: 1 - 4 p.m. INSTRUCTOR: Constance Sayas

Drawing on Tradition: Realism and Rory McEwen

Rory McEwen (1932 - 1982) was best known as a folk singer and television personality, but he also produced some of the most resonant botanical images of his time. McEwen started painting flowers at the age of eight and produced series of heritage carnations and pinks as a commission at Cambridge University. His work is very precise and exact in botanical terms, while also a work of art beyond illustration. The class will begin with a study of McEwen’s painting style to understand his realistic simplicity. Through demonstrations and individual guidance, students will first practice from a McEwen’s painting and then compose their own. Focusing on simple and concise painting style and the negative space, students will use a controlled and refined dry brush approach to create a final plate. Fee: $230 member, $285 non-member. Prerequisites: Pencil I, Watercolor I, Light on Form, or Certificate in Botanical Illustration.

DATE: Mon., Jun. 2, 9, 16, Jun. 23, 30 | TIME: 9 a.m. – Noon INSTRUCTOR: Constance Sayas
FIVE EASY WAYS TO ENROLL

1. **By Telephone:** 720-865-3580
2. **By Fax:** 720-865-3685 (24 HOURS)
3. **In Person:** Visit the Education Office at Denver Botanic Gardens,
   1007 York Street 9 a.m. – 4 p.m., Monday – Friday
4. **By Mail:** Attention: Registrar 909 York Street, Denver, CO 80206
5. **Online:** www.botanicgardens.org

Inquiries and Consultation: 720-865-3670 or sbai@botanicgardens.org

Visit the Botanical Illustration blog at www.botanicalillustration.blogspot.com and find us on Facebook.

REFUND AND CANCELLATION POLICY:

Cancellations more than one week prior to a class are subject to a 15% cancellation fee. Cancellations with less than one-week notice are non-refundable.

AFTER COURSE HAS COMMENCED:

Instructors have no authority to grant or promise refunds or exceptions from course policies. In the event of a family emergency or because of inclement weather circumstances, the student can later complete the course by taking the missed single classes from the same instructor and notifying the school manager two weeks before the course starts. If more than 20% of the course is missed because of the family emergency or the inclement weather circumstances, the course can be re-taken free during the same year from any instructor in that medium if space is available.

These policies apply to all registrations in the School of Botanical Art and Illustration program. Selected courses have additional cancellation and refund requirements printed with the course description. Denver Botanic Gardens regrets that it cannot make exceptions.

REQUIREMENTS FOR INDIVIDUAL COURSES:

Attendance is required at the first class for all courses. In order to receive credit, 80% of a course must be attended (at least 12 hours of a 15-hour course).
FOR INFORMATION & CONSULTATION: 720-865-3670

EMAIL: sbai@botanicgardens.org

Visit the School of Botanical Art & Illustration’s blog at www.botanicalillustration.blogspot.com

Stay connected to the Gardens!
www.botanicgardens.org

Karen May, Colored Pencil