

Course Descriptions - Monday, June 28, 2010

Lisa Bellan-Boyer - Origami and Tradition in Shintoism and Japanese Culture

What is the relationship between tradition, culture, and religion or spiritual practice? While not part of the most ancient ritual practices of Shinto, ever since the arrival of paper and paper-making technology in Japan, paper and paperfolding have been integrated into a wide variety of Shinto practices, in both public and private settings. However, not everyone perceives this as origami, and the question: What is origami? soon becomes as elusive to answer as the question: What is Shintoism? In both cases, the most practical answer is: It depends whom you ask. This brief presentation, including visual images of traditional kami paper and textile patterns, and their relationship to Shinto symbols and Japanese heritage, will encourage audience participation in a lively conversation, within a lecture/seminar format. *Lecture. Not Rated.*

Tony Cheng - Down and Dirty with Methyl Cellulose

It's colorless, it's odorless, it's non-toxic and it's non-allergenic. You've eaten it. Now learn to fold with it. This class will introduce you to the wonders of working with methyl cellulose and its applications to origami. You will play with the gooey, slimy stuff while you learn about sizing, backcoating and wet-folding. Participants will leave this workshop with back-coated paper and wet-folded models. *Workshop. Low Intermediate. \$4 materials fee.*

Jennie Deitsch - Mobiles

Ever wonder how to display the models you fold this weekend? Bring five of them to class and make them into an origami mobile. *Workshop. Not Rated. Limit 20 students. \$2 materials fee.*

Dixie Dugan - Painting with Paper

Dixie has been making amazing collages using origami paper. In this workshop she'll show you her techniques and help you build your own. *Workshop. Not Rated. Limit 10 students. \$5 materials fee.*

Susan Dugan - Digital Photography for Origami

Susan will show you her secrets on taking close-up photographs of your favorite models. Bring your camera and manual, and your problems, and Susan will try to diagnose and resolve them. Susan has now gone digital, and she will also share some of her techniques for working with photographs on the computer. *Workshop. Not Rated.*

Faye Goldman - More Paper Cutters

In the 20 years that Faye has been searching for the perfect paper cutter, she has discovered that there is no single perfect cutter! There are cutters that are good for some things and others that are good for other things. Come learn from her experience. Hands-on practice with a variety of paper cutters. *Demonstration. Not rated.*

Tom Hull - Origami in Math Teaching Swap

Are you a math teacher (at any level) or interested in math teaching? Come to this session where we will discuss and brainstorm the multitude of ways in which origami can help teach math, be it in elementary school, middle school, high school, college, or grad school. Our understanding of the interconnectedness of paper folding and math is at an all-time high, and therefore so should the ways in which we use it in teaching! *Workshop. Not Rated.*

Ros Joyce - Wet-folding Workshop

Initially, wet-folding was a way to fold otherwise uncooperative paper (too thick, too soft, too old and brittle) for origami. Water also allowed the delightful bonus of a sculpted appearance. Ros will show you how to wet-fold some simple models using paper of various types; you'll be able to experiment with the paper provided. *Workshop. Not Rated. Limit 20 students. \$3 materials fee.*

Mark Kennedy - Paper Dyeing

Mark has been dyeing paper for years in order to get the color or effect that he wants. His methods and techniques have been developed by trial and error, and varied depending on the availability of materials. He will show you his latest work, and you'll dye your own paper, too. *Workshop. Not rated. \$3 materials fee.*

Ichiro Kinoshita - Sealed With a Kiss

Description to Follow. *Lecture. Not rated.*

Marc Kirschenbaum - Copyright Primer

Origami, whether we like it or not, is something that can be sold, marketed, and sometimes even stolen. Arm yourself with a basic knowledge of copyright laws, so you can be comfortable with a variety of origami usage situations. *Lecture. Not rated.*

Brian Kolins - Marvelous Mizuhiki

Mizuhiki is an ancient Japanese art form using colored paper cords. Both the morning and afternoon class will be covering the 2 basic models (the button and josephine knot) and then moving as the students wish. Note that the afternoon class is longer so that more models can be learned. *Workshop. Not rated. \$3 materials fee.*

Kathie Koppenhaver - Origami Gifts

Class will cover various models that can be used as gifts. Ideas for different types of gifts will be discussed. Examples of gifts include jewelry, bouquets of flowers and many more items. *Workshop. Simple.*

Michael LaFosse - Techniques to Make Beautiful Papers Perfect for your Origami

Michael will review the characteristics of various popular papers for origami, including --what these papers are made of and how their properties may affect foldability and permanence, pigments and dyes, backcoating, improving structure by making archival composite laminates, selecting from commercially available fine papers, folding with live paste or MC, and making the most of a custom papermaking workshop. Samples will be available of a variety of papers, fibers, and aged origami from different materials for comparison. *Lecture. Not Rated.*

Anne McCombs - Origami Embellishments

Class will explore various means of decorating paper, including stamping, piercing, punching, embossing, and embroidering. Generous materials kit included. *Workshop. Simple. Limit 20 students. \$5 materials fee.*

Jan Polish - Teaching Tips Using Lillian's First Lesson

Lillian Oppenheimer developed her famous First Lesson as a fail-safe, compact presentation to introduce origami to people who had never tried it before. Jan will show you how to teach these models as Lillian did, and to use the Lesson to help diagnose learning problems, build self-esteem, etc. *Workshop. Not Rated. Limit 20 students.*

Kathy Riley - Origami Jewelry

Who doesn't love origami jewelry-- for gifts, for profit, and just for your own amusement and amazement. In this workshop, we will explore the best ways to create and preserve simple pieces. Wire, beads, thread, elastic, ribbon, buttons, and much more will be on the agenda. Participants may bring jewelry tools and findings if they have them, and bobby pins, scrunchies, barrettes, and any old beads or clasps can also be useful. We will not be using toxic materials in the class, and we will be gluing, cutting, and even coloring our creations to enhance designs. Come prepared to be creative and share the inspiration. *Workshop. Not Rated. Limit 15 students. \$2 materials fee.*

Joan Son - Preparing Your Work for Sale

Joan will show how she prepares her work for sale. Many of her material techniques will be covered. In addition, you will learn to fold one of her favorite dragonflies (by Isao Hondo) and prepare him with glue and a pin back to wear. *Workshop. Intermediate. Limit 20 students. \$3 materials fee.*

Wensdy Whitehead - Folding with Scalloped Squares

Squares usually have smooth edges, but punches are available to cut out squares that have scalloped edges. These can be folded to show off simple models and modular origami in a new and eye-catching way. Limitations come into play with size and landmarks, some of which must be treated differently due to the lack of normal corners on the scalloped squares. *Workshop. Low Intermediate.*

Nathan Zeichner - A Simulator and Editor for Origami-Inspired Self-Reconfigurable Robots

The aim of folding Programmable Matter is to create smart, self-folding paper that can reconfigure into multiple desired forms. To facilitate the design and testing of programmable matter structures, it was decided to create an application, designate the Programmable Matter Editors (PME), for drawing and simulating rigid origami. The editor is used to draw (or import) a crease pattern. For a given crease pattern, the user defines sequences of folds and the physical actuator properties which guide those folds. The program then uses a PhysX simulator to view the crease pattern folding in real time. Nathan will go over the implementation and efficiency of the simulator and editor and how it can be used to make origami. *Lecture. Not Rated.*