32 years ago, the Lake Superior Design Retreat began. An interdisciplinary event exploring ideas that push boundaries. An event that explores the corners of design. An event that dazzles you with the unexpected. So plan to come out of your winter hibernation and join us on the edge of the frozen lake to experience the Lake Superior Design Retreat 32.
### FRIDAY, February 28
- Noon Check-in
- 1:00 Welcome and introductions
- 1:15 Interlude: Lucia Watson
- 1:30 Frank Ching
- 3:15 Interlude: Lucia Watson
- 3:30 Kathy McTavish
- 5:30 Bus leaves for dinner at Joseph Nease Gallery
- 7:00 Dinner
- 8:30 Bus returns to Fitger’s

### SATURDAY, February 29
- 7:45 Breakfast
- 9:00 Interlude: Lucia Watson
- 9:15 Matt Jenkins
- 10:45 Interlude: Lucia Watson
- 11:00 Kevin Johnson
- 12:15 Optional lunch
- 1:00 Optional tour: Collection of Artful Antique Stoves (additional fee required)
- 1:30 Optional workshop: Puzzle Box Activity (additional fee required)
- 2:00 Optional film: The Cardboard Bernini
- 3:45 Interlude: Lucia Watson
- 4:00 Jamie Fassett-Carman and Mark Larson
- 5:15 Wrap-Up
- 5:30 Closing Reception
- 6:30 to 8:30 Optional group dinners (pay on own)
Lucia Watson is the chef, founder, and creator of Lucia’s Restaurant, Wine Bar, and To Go. Lucia’s Restaurant opened in 1985 in one of Minneapolis’s oldest neighborhoods.

Ms. Watson, a third generation Minnesotan, learned to cook from her grandmother, Lulu, who used to pick blueberries and bake bread in a wood stove at the family’s summer cabin on the Canadian border.

Lucia is the author of *Cooking Freshwater Fish* and a co-author of *Savoring the Seasons of the Northern Heartland* with writer Beth Dooley.

In 2004, 2005, and 2006 she was nominated for Best Midwest Chef by the James Beard Foundation. In 2009 Lucia was knighted by the French Government and awarded a “Chevalier du Merit Agricole” for her work in agriculture.

Frank Ching is Professor Emeritus at the University of Washington. He has taught at the University of Wisconsin-Milwaukee and the University of Washington. Although retired, Professor Ching continues to write, draw, and offer workshops both in the U.S. and internationally. Professor Ching’s publications, which focus on clarifying and communicating architectural elements, principles, and relationships, include *Architectural Graphics; Building Construction Illustrated; Architecture: Form, Space & Order; Design Drawing*, with Steve Juroszek; and *Building Structures Illustrated*, with UW colleagues Barry Onouye and Doug Zuberbuhler. He is currently preparing the second edition of *Green Building Illustrated* with Ian Shapiro.

Awards received include the Honorary Degree of Doctor of Design from the Nottingham Trent University; a Citation for Excellence in International Architecture Book Publishing; an AIA Institute Honor for Collaborative Achievement; and a National Design Award, Special Jury Commendation, from the Cooper-Hewitt National Design Museum.

**Geometry, Grammar, & Einstein:**
**Early Influences on My Work**

“I am taking this opportunity to reflect back on 40 years of writing and illustrating texts, and in the process, attempt to explain how certain guiding principles were forged early on and endured even as I embraced digital technology and techniques in my work. This look back will document and illustrate stories behind the production of several of my projects, which cannot always be seen, known, or understood simply by looking at the final printed pages of a book. I hope these stories will illuminate some of the lessons I learned earlier in life, clues of which lie in the title—Geometry, Grammar, and Einstein.”
Kathy McTavish is a media composer and installation artist. In live performance, installation, and online environments, she blends found sound, text, data, and abstract, layered, moving images. She uses generative methods for building networked, multichannel video, and sound environments—cross-sensory, polyphonic landscapes which flow from the digital web into physical spaces. Kathy has a background in cello performance, mathematics, ecology, music theory, and code. The confluence of these disciplines informs her work as a composer and multimedia artist. As a queer artist she is interested in the ways we construct personal stories/myths and the infinite, bendable between. She is the recipient of numerous commissions, grants, fellowships, and residencies from the Minnesota State Arts Board, Jerome Foundation, American Composers Foundation, Walker Art Center, Northern Lights.mn, Tweed Museum of Art, Zeitgeist New Music Quartet, and more.

**webs, embodiment & time**

This talk will untangle some of the ways that time informs the creative process. Kathy will talk about the use of time as material in her own work and will talk about how she sees time playing a critical role in the work of artists, writers, performers across a wide range of disciplines. The talk will also explore the organic intelligence of networked, multithreaded, polyphonic systems ::: the embodied web :::
Matt Jenkins is dedicated to designing and forging highly crafted work. For 25 years, he has honed his skills and learned traditional blacksmith techniques while studying with master smiths around the world. He has placed twice at the World Forging Championship in Stia, Italy, and in 2016 he carried out a yearlong project where he designed and forged a different style hook every day. Between hammering on custom projects in his shop located just north of Winnipeg, Manitoba, Matt leads workshops and demonstrates the ancient craft of blacksmithing across North America.
Kevin Johnson is a research fellow for Stratasys, the world leader in 3D printing. He studied math and physics at Luther College and mechanical engineering at the University of Minnesota. He has a long history of invention and a passion for design. He started working in a series of biomed startups designing medical devices to treat coronary disease and a variety of other ailments. Next, Kevin shifted his attention to product design consulting. These products ranged from wearable computers to welding helmets, from baby bottles to barcode scanners. Finally, at Stratasys, he has affected the fundamental workings of printers, software architecture, machine design, printed part design, human-machine interface, consumables, and packaging.

In his presentation, Kevin will give a brief overview of 3D printing technologies. He will cover the wide range of technologies available and highlight their strengths and limitations. The matching of application to technology and when to use conventional methods will be covered. He will briefly describe some of the technical successes Skunkworks has made possible and share some of his own designs optimized for 3D printing along with the resulting discoveries.
Saturday 4:00  
Jamie Fassett-Carman and Mark Larson

Jamie Fassett-Carman and Mark Larson bring years of experience in designing and executing puzzle events both in the Twin Cities and throughout the world. Jamie started Trapped Puzzle Rooms five years ago as one of the first escape rooms in the Twin Cities, and Mark has worked in escape rooms for the past three years. They have both designed interactive puzzle experiences across the United States as well as internationally.

**Interactive Design of Puzzles and Escape Rooms**

In their presentation, Jamie and Mark will describe the process for creating puzzles and escape rooms, from concept and design to execution and testing. They will discuss the unique design considerations inherent to interactive installation designs like escape rooms. The presentation will explore the evolving nature of the escape room industry, examining how escape room designs have changed and morphed in recent years, and examine the interaction between designer and participant within a puzzle experience.
AIA Minnesota is implementing the JUST program which is administrated by the International Living Future Institute. The JUST program calls for organizations to develop policies, programs, and practices that support the humane, compassionate treatment of all animals, including making plant-based food options available for catered events. This approach is also consistent with the AIA’s priority on climate focused action; eating plant-based meals can play a significant role in limiting the effects of climate change. In support of this, we encourage you to consider choosing the vegetarian option for Friday’s dinner, Saturday’s breakfast, and/or the optional Saturday lunch.

Friday dinner
Friday evening, we’ll enjoy dinner at the Joseph Nease Gallery, a contemporary art gallery located in downtown Duluth. The following options will be prepared by OMC / Duluth Grill.

Option #1 A plated dinner of smoked chicken, sliced brisket, St. Louis style ribs, peas & pancetta, candied sweet potatoes
Option #2 Moroccan Stew with Falafel – stewed chickpeas, potatoes, tomatoes, carrots and red curry topped with pickled onions, chimichurri, goat cheese and fresh cilantro and falafel

Both options include cornbread and a salad of organic mixed greens, crunchy cabbage mix, cucumbers, sunflower seeds, crasins. Dessert is assorted homemade cupcakes and organic fair trade coffee.

Saturday breakfast
Saturday’s breakfast buffet will include items for those who choose to eat meat as well as for those who choose not to eat meat including: Scrambled eggs and bacon; Fresh cut fruit; Vanilla yogurt and granola; English muffins; Coffee, tea, milk, juice

Saturday lunch
Saturday lunch is optional for an additional $20 pp and is a soup and sandwich buffet at Fitger’s with both vegetarian and non-vegetarian options available.

### Saturday Afternoon Optional Activities

On Saturday afternoon, you can choose to attend one of the following activities, or take this time to explore Duluth or relax on your own.

#### #1 Workshop - 1:30 pm
Limited to 80 people; Additional cost $15 pp

Retreat speakers Jamie Fassett-Carman and Mark Larson of Trapped Puzzle Rooms will lead activity attendees through a puzzle adventure into the final frontier. Teams head into space on their state-of-the-art starship to answer a distress call. Mystery Night is a fun, interactive puzzle hunt experience for teams of four to six players, working together to solve a series of puzzles.

#### #2 Tour - 1:00 pm
Dennis Gunsolus’ Collection of Artful Antique Stoves
Limited to 30 people; Additional cost $15 pp

Join us on a tour of Dennis Gunsolus’ collection of more than 200 ornate and meticulously restored antique stoves. Read more on Gunsolus and his collection in the Star Tribune.

#### #3 Film - 2:00 pm
Screening of *The Cardboard Bernini* - Free

*The Cardboard Bernini* examines the work and life of artist James Grashow as he builds a giant cardboard fountain inspired by the work of the famous baroque sculptor Gian Lorenzo Bernini.
REGISTRATION FEE
The registration fee covers the two-day program, Friday dinner, and Saturday breakfast. Lodging is extra.

$220  Registration per person

$120 Children age 12-18
Children 12 and older are welcome to register and attend the entire design retreat weekend. Children under 12 years old are invited to join us for meals (see Additional Meal Costs). Please respect our request to refrain from bringing children under 12 years of age into the auditorium during Retreat lectures.

$120 Full-time students
AIA Northern Minnesota is offering four scholarships to full-time students. Email Ann Mayhew by February 1 for details.

ADDITIONAL MEALS FOR GUESTS
Friday dinner: $50 per person
Saturday breakfast: $15 per person
Contact Deanna Christiansen to order these additional meals for guests not registered for the Retreat.

DINNER SATURDAY EVENING
Our event officially concludes at 6:30 pm Saturday evening. Are you interested in joining a group of other attendees for Saturday dinner? We have reserved a private room at The Boat Club for our guests to dine that evening. All costs for your food and drink will be your responsibility. If this is something you would like to do, please indicate when you register how many seats you’d like to reserve. Deadline: February 17.

LODGING
We have reserved rooms at Fitger’s Inn at a special rate if booked by February 17. Mention “AIA Minnesota Lake Superior Design Retreat” when you call. Fitger’s Inn (888) 348-4377

$139.99 Standard cityside
$149.99 Standard lakeside
$169.99 Executive class rooms and whirlpool suites, cityside or lakeside

Visit duluthbandb.com for B&B options. Contact Deanna Christiansen or call 1.800.4.DULUTH for other lodging suggestions.

CONTINUING EDUCATION
AIA Minnesota is a registered provider with the AIA Continuing Education System. We anticipate up to 6.0 Learning Unit/Hours will be approved for the 2020 Lake Superior Design Retreat.
**REGISTRATION**

**REGISTER ONLINE AT** [www.aia-mn.org/events/lsdr2020](http://www.aia-mn.org/events/lsdr2020) **OR SEND THIS FORM TO:**

Lake Superior Design Retreat, AIA Minnesota, 105 5th Ave S, Suite 485, Minneapolis, MN 55401

Email to: Deanna Christiansen, christiansen@aia-mn.org; or Fax (612) 338-7981 (Credit Cards Only)

<table>
<thead>
<tr>
<th>Name(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firm/company name</td>
</tr>
<tr>
<td>Address</td>
</tr>
<tr>
<td>City, State, Zip</td>
</tr>
<tr>
<td>Phone</td>
</tr>
<tr>
<td>Email</td>
</tr>
<tr>
<td>Registration</td>
</tr>
<tr>
<td>Children age 12 to 18</td>
</tr>
<tr>
<td>Full-time students</td>
</tr>
<tr>
<td>Email Ann at <a href="mailto:mayhew@aia-mn.org">mayhew@aia-mn.org</a> for details about scholarships available for full-time students!</td>
</tr>
<tr>
<td>Friday dinner at Joseph Nease Gallery</td>
</tr>
<tr>
<td>Would you like to request the vegetarian dinner for Friday?</td>
</tr>
<tr>
<td>☐ YES — for how many? ________</td>
</tr>
<tr>
<td>Optional Saturday lunch - soup and sandwich buffet at Fitger's</td>
</tr>
<tr>
<td>Would you like to request the vegetarian option for Saturday lunch?</td>
</tr>
<tr>
<td>☐ YES — for how many? ________</td>
</tr>
<tr>
<td>Optional Saturday Afternoon Activities</td>
</tr>
<tr>
<td>Choice #1 Puzzle Box Activity facilitated by Trapped Puzzle Rooms.</td>
</tr>
<tr>
<td>Limited to the first 80 to sign up.</td>
</tr>
<tr>
<td>☐ Yes to Saturday dinner. Please reserve _____ seats for me to have dinner with other LSDR attendees on Saturday evening in a private room at The Boat Club. I understand the costs for my food and drink will be my responsibility. Deadline: Feb 17</td>
</tr>
<tr>
<td>TOTAL</td>
</tr>
</tbody>
</table>

Visa, MasterCard, Discover and American Express accepted. Make checks payable to AIA Minnesota. Checks must accompany registration form.

<table>
<thead>
<tr>
<th>Check one:</th>
<th>☐ Visa</th>
<th>☐ MC</th>
<th>☐ Discover</th>
<th>☐ AmEx</th>
<th>☐ Check</th>
</tr>
</thead>
</table>

Account number ____________________________________________
Expiration date ____________________________________________
Security code / CVV / CI ____________________________________

**QUESTIONS?**

Contact Deanna Christiansen at christiansen@aia-mn.org; or Ann Mayhew at mayhew@aia-mn.org.
LSDR SPONSORS

THANK YOU!

Silver Sponsors
ANDEN AV SJÖN

Bronze Sponsors

dsgw

Intectural

Specialty Sponsors

Canada

CF design

BENT PADDLE BREWING CO

LEO A DAILY