This guide is intended to enrich the experiences of those attending Chandler McWilliams' lecture and screening, or workshop, on the topic of Computational Aesthetics.

**Lecture and Screening**
Monday, October 17, 7 p.m.
School of Cinematic Arts 112
McWilliams will describe computational aesthetics and provide examples of code (i.e., computer programs) as visual expression. He will also screen short-form videos that explore how the computational capacity of the computer has impacted our conceptions of image, sound and storytelling.

**Workshop**
Friday, October 21, 11 a.m. to 2 p.m.
Institute for Multimedia Literacy Blue Lab
746 West Adams Boulevard, Los Angeles
Admission is free. Reservations required. To RSVP, click on the links below beginning Wednesday, September 28, at 9 a.m.
USC Students, Staff and Faculty: To RSVP, click here.
General Public: To RSVP, click here.

**McWilliams' New Book!**
These Visions & Voices events are based in part on a book Chandler McWilliams recently co-authored. The book is available in the USC Libraries collection!

*Form+code in design, art, and architecture* - Casey Reas, Chandler McWilliams and Jeroen Barande
Call Number: QA76.76.D47R42 2010 Architecture & Fine Arts Library
ISBN: 1568989377
Publication Date: 2010
Description in HOMER catalog: "This small colorful volume examines the nexus of design and computers by presenting a collection of art created from code and ordered information. Beginning with chapters defining terms and discussing the basics of code and computer art, the work proceeds through a collection of themed chapters illustrated with photographs. Each chapter begins with an essay explaining the processes and techniques involved in the creation of the designs. This volume includes the work of over two hundred designers, artist and architects and source code for many of the works, available in several programming languages, is provide through a companion website. Annotation: 2011 Book News, Inc., Portland, OR (booknews.com) Distributed by Syndetic Solutions, Inc."

**Chandler McWilliams**
Chandler McWilliams is an artist, programmer and writer, currently on the faculty of UCLA's Design Media Arts.

You can find out more about this eclectic young artist/programmer from:
- his [UCLA page](#)
- his [personal page](#) at thebarbariangroup with links to projects
Several of McWilliams' Videos: Silent

Learn more about this video on McWilliams' site, here: http://brysonian.com/silent

Several of McWilliams' Videos: Get Your Lead Out

Learn more about McWilliams' collaboration with Jon Beasley, Nina McNeely, Amyjo Diaz and Ryan Heffington for this MOCA show choreographed by Heffington here: http://brysonian.com/get-your-lead-out.
Get Your Lead Out from C.B. McWilliams on Vimeo.
McWilliams' Writings - Selections

- McWilliams' on Twitter
- "The Other Software" - conference paper
- McWilliams' ERRARE Blog on tumblr
  He explores a wide range of concepts in a thought-provoking manner - a good place to learn new concepts! Like "Haecceity," which McWilliams defines as "...the "thisness" of a thing, the discrete qualities, properties or characteristics of a thing which make it a particular thing."
- McWilliams' Info & Links at Barbaripedia blog
  McWilliams' is also part of the barbarian group, a "digital-centric creative agency."
A Few Other Selections from McWilliams' Work: "No Longer Random"

McWilliams' says: "We think of the random as arbitrary, undistinguished, without meaning or intent; collecting and naming these numbers, making them into a set, undermines this quality of randomness. No Longer Random is a destructive curation; what makes these numbers interesting is undermined by their inclusion in a set."

A Few Other Selections from McWilliams' Work: Biomemetic Butterflies

McWilliams says: "The biomemetic butterfly is a classification of a butterfly that is based on its behavior, rather than its physical appearance. This approach allows for a more comprehensive understanding of the butterfly's behavior and its role in the ecosystem."
McWilliams' and colleagues in the barbariangroup created this installation (link below) for a residence in 2007.

McWilliams' says his work on this project was: "...inspired by Benjamin Aranda and Chris Lasch's book Tooling*. I developed a variation of the cracking algorithm found in that book which introduced b-spline fitting to smooth the final output and give a more organic feel. The algorithm "cracks" a polygon by dividing it from an edge to its centroid, each resultant polygon is then put in a pool to be chosen at random and recursively cracked again."

* USC NO LONGER has this book available as an ebrary ebook.

- Biomemetic Butterflies (2007)