**OLLI at Duke Fall 2015  
Kris Door, lecturer kristinedoor.com  
North Carolina Museum of Art Lectures Tuesdays 11:00-12:30**

***Da Vinci and Escher; the Science of Art***

Lecture 3 November 10**:** Perspective, Distortion, Metamorphosis

**SLIDE LIST**

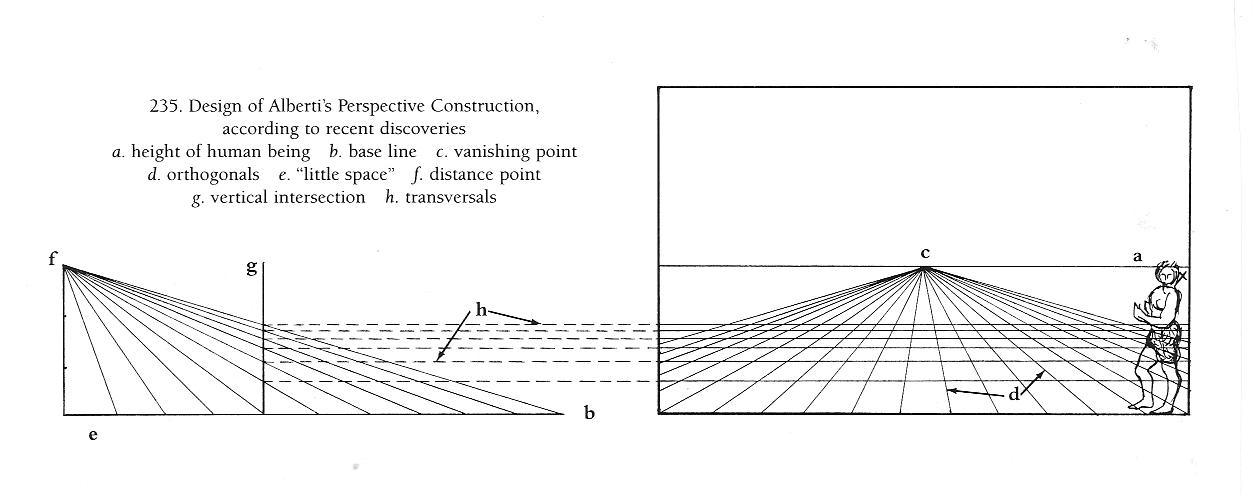
**History of Perspective**

* Fresco wall painting in a *cubiculum (bedroom) from the Villa of P. Fannius Synistor at Boscoreale,* c. 40–30 B.C. Metropolitan Museum of Art
* Roman frescos from Boscoreale, 43–30 B C Metropolitan Museum of Art
* **Circle of the Berlinghieri Family**, *Madonna and Child*, 1230–1240, tempera and gold

leaf on panel NCMA

* **Giotto di Bondone**, *Legend of St Joachim, Meeting at the Golden Gate, 1305 Arena Chapel*
* Baptistery of Florence
* Competition panels 1401: Brunelleschi's Sacrifice Ghiberti's Sacrifice
* Pantheon, Rome
* **Brunelleschi** perspective system, c.1413
* Masaccio, *Tribute Money*, c.1426–1428, fresco, Brancacci Chapel, Santa Maria del Carmine, Florence
* **Masaccio**, *Trinità,* 1427 fresco, Santa Maria Novella, Florence
* **Alberti**, *The Art of Painting*, 1435

a simple 1-point perspective system based upon a unit 1/3 times the height of a human



"picture window" of Renaissance vision--through perspective (linear and atmospheric) and *chiaroscuro* (shading)

* **Lorenzo Ghiberti**, *Jacob & Esau,* Panel for *Gates of Paradise,* 1425–52

gilt bronze Museo dell’Opera del Duomo, Florence

* **Leonardo da Vinci**, *Last Supper*, 1494-1498, tempera on gesso, pitch and mastic, Santa Maria delle Grazie, Milan
* **Raphael,** *School of Athens* (Philosophy) 1510-1511, Vatican Apartments, Rome

**Foreshortening**

* **Andrea Mantegna**, *The Lamentation over the Dead Christ,* c. 1480 tempera on canvas

Pinacoteca di Brera, Milan

* + Camera degli Sposi, ceiling, 1465-74, Ducal Palace, Mantua
* **Leonardo Da Vinci**, *The Virgin of the Rocks,* Louvre version, c.1483-86
* **M.C. Escher**, *Self Portrait in a Chair,* 1920 Woodcut.

**Northern Renaissance Perspective**

* **Master of the Latour d'Auvergne Triptych**, *The Annunciation, c.*1497 oil on panel **NCMA**
* **Albrecht Durer**, *Draughtsman Drawing a Recumbent Woman,* 1525 Woodcut
* **Albrecht Durer**, *Draughtsman Drawing a Lute,* 1525 Engraving

**Perspective and foreshortening as symbol**

* **Filippino Lippi**, *Madonna and Child in Majesty with Saints*, c. 1478- 86, Uffizi
* **Bernardino Lanino**, *Madonna & Child Enthroned with Saints and Donors*, 1552  Oil

on panel NCMA

**Perspective manipulated; Mannerism and Baroque**

* **Titian**, *Pesaro Madonna,* 1519–15 Oil on canvas, Santa Maria Gloriosa dei Frari, Venice
* **Tintoretto,** *The Last Supper*, 1592-94, Oil on canvas San Giorgia Maggiore, Venice
* **Domenico Tintoretto**, Italian, *The Rising of Lazarus*, 1585-90, Oil on Canvas **NCMA**
* **Jaume Plensa**, *Together and Mist (2014*) Installation view San Giorgio Maggiore (2015)
* **Andrea Pozzo**, painted ceiling in the Church of St. Ignazio, Rome 1685-94

**Anamorphosis**

* **Leonardo da Vinci**, *Anamorphosis, study of eye, with juvenile face, Codex Atlanticus,*
* **Hans Holbein the Younger**, *The Ambasadors*,1533, Oil on oak, National Gallery, London
* Example of mirror anamorphosis
* Plane anamorphosis by Jean Francois Niceron, 1638.
* **M.C. Escher,** *Balcony*, lithograph, 1945
* **Carel Fabritius**, *View of Deft*, 1652, Oil on canvas National Gallery, London
* **Samuel Dirksz van Hoogstraten**, *View of a Corridor*, Dyrham Park, 1662
* **Pieter de Hooch**, *The Fireside*, c. 1670-1675, oil on canvas **NCMA**
* **Samuel Dirksz van Hoogstraten**, *A Peepshow with Views of the Interior of a Dutch House,* 1655-60 National Gallery, London

**Reflection as a Theme**

* **Jan van Eyck**, *Portrait of Giovanni Arnolfini & his Wife*, 1434 oil on oak, National Gallery, London
* **Parmigianino**, *Self-portrait in a Convex Mirror,* *c. 1523–1524,* Kunsthistorisches Museum, Vienna
* **M.C. Escher**, *Hand with Reflecting Sphere*, 1935, lithograph.
* **Pieter Claesz**, *Vanitas Still Life with Self-Portrait*, 1628 National Museum, Nuremberg
* **Jacques de Gheyn II**, *Vanitas Still Life*, 1603 oil on wood Metropolitan Museum
* **M.C. Escher, *Eye***, 1946 mezzotint, 7th and final stage

**Metamorphosis**

* **M.C. Escher**, *Sky and Water I*, 1938 woodcut.
* **Giuseppe Arcimboldo**, *The Four Seasons*, oil on canvas Louvre
* **Ralph Helmick, Stuart Schechter**, *Rample*, 2003 NCMA
* **Bernini**, *Apollo and Daphne,* c. 1622 Borghese Gallery, Rome