

# B M H

## Barbara Mones-Hattal

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*Work* Computer Science and Engineering  
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### Education

1986 Postgraduate Certificate, Three Dimensional Computer Animation  
Sheridan College, Ontario, Canada

1979 Masters of Fine Arts, Sculpture  
Rhode Island School Of Design, Providence, Rhode Island  
Thesis: "Mixed-Media Sculpture: Holography And Installation Sculpture"

1974 Bachelor of Fine Arts  
University of Michigan, Ann Arbor, Michigan  
Magna Cum Laude

### Education: Additional Studies

1997 SOFTIMAGE Instructor Training, Digital Media Institute, Levels 1 and 2, Los Angeles, CA

1994 Advanced Creative Environment / Eddie  
SoftImage / Microsoft, Inc., SoftImage Training Center, Montreal, Canada

Multigen Training, Simulation and Virtual Reality Software  
Multigen, Inc. California, March

### Professional Experience

1999 -- Senior Lecturer, Computer Science and Engineering Department, University of Washington, Seattle.

1997-99 Animation/Technical Trainer, Industrial Light and Magic, San Rafael, California.

1996-97 Animation Trainer/Writer, Pacific Data Images, California

1995-96 Visiting Scholar, Department of Electrical Engineering and Computer Science  
George Washington University, Washington, D.C., Fall

Interface / Documentation Designer, GLOBE Program - White House  
NASA / Goddard Space Flight Center, Maryland

1992-96 Founding Director/Creative Director, Associate Professor, VIT Graduate Program  
George Mason University, Virginia.

1990 Professor of Computer Animation And 3D Modeling  
Lugano Academy Of The Electronic Arts, Switzerland, Summer

### **Selected Consulting**

1999-present Curriculum Design and Advisory Board, Sheridan College, School of Animation, Arts and Design

1988- 95 Technology, Information And Society: The Information Age  
National Museum Of American History, Smithsonian Institution

### **Grants: Research and Awards**

1996 GLOBE Design Group, Award for Excellence, NASA Goodard Space Flight Center, Greenbelt, Maryland.

1995 Science And Visualization of Interactive Multimedia Products for Science Education  
NASA / Goddard Space Flight Center

### **Grants: Academic**

1995-8 Universal Curriculum Grant, SIGGRAPH Education Committee, Workshop Design

1993 SoftImage, Inc., Fake Space Labs, And Software Systems Multigen  
SoftImage Software Site License Grant, For Expert Systems, Hardware Grant, For VR Boom, Multigen Software Grant, For Real-Time Flight Simulation Design

Alias Research Corporation  
3D Animation Software Grant, For Student Exploration Of 3D Construction And Visualization With Unix Based Systems

### **Selected Published Works**

1995 Barbara Mones-Hattal and Evans Mandes, "Enhancing Visual Thinking And Learning With Computer Graphics And Virtual Environment Design," Computers And Graphics, Vol. 19, No. 6, Elsevier Science Ltd, U.K.

1994 Barbara Mones-Hattal, et al, "Globe Program Science And Education Visualization Session Notes," White House, Washington, D.C., July

1992 Barbara Mones-Hattal, "The Ambiguity Of Dimension," Third International Symposium On The Electronic Arts (Tisea), Sydney, Australia

1991 Joan Truckenbrod and Barbara Mones-Hattal, "Interactive Computer Graphics Through Visualization," Interactive Computer Graphics And Telecommunications For Artists And Educators, Edited By Steve Cunningham and Roger Hubbard, Springer Verlag

Joan Truckenbrod and Barbara Mones- Hattal, "Interactive Computer Graphics Using Telecommunications," Computer Graphics And Education '91, Goals And Directions For The Next Five Years, International Federation Of Image Processing And Eurographics, Barcelona, Spain, January, pp. 124-130

### **Papers And Panels: Education**

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- 1998 Speaker, University Of Maryland, Baltimore Campus, Department of Computer Science, October.
- 1997 Speaker, Design, the Essential Ingredient, WWW6 International Web Conference, California, April
- 1996 Speaker, Design Elements, Multimedia, and the Web, IEEE Visualization 96, San Francisco, September
- Speaker, A Picture is Not (Always) Worth a Thousand Words, SIGGRAPH 96, New Orleans, August
- 1995 Speaker, Universal Curriculum in Computer Graphics, Eurographics Graphics And Visualization In Education III, Netherlands, August
- 1991 Speaker, Computer Graphics And Education: Goals And Directions For The Next Five Years, Interactive Computer Graphics Using Telecommunications, International Conference, International Federation For Information Processing And Eurographics, Barcelona, Spain, April, Paper

### **Papers And Panels: Computer Imaging**

- 1996 Computer Art And Artists  
Artist Equity Association, National Museum Of American Art, Smithsonian Institution, Washington, D.C.
- 1995 Is Visualization Struggling under the Myth of Objectivity?, IEEE Visualization '95, Atlanta, September
- Beyond Photorealism: Ambiguous Dimensions  
Smithsonian Institution, Washington, D.C., November

### **Selected Panels Chaired: Computer Imaging**

- 1991 Interrelationships Of Education And Industry  
National Computer Graphics Association, Chicago, Illinois, April
- 1990 Dream Curriculum Conference  
Co-Chair, SIGGRAPH Education Committee, Eugene Oregon, March

### **Panels Chaired: Education**

- 1998 Dis-illusion of Life: Becoming a Digital Character Animator  
SIGGRAPH '98, Panel Organizer, Orlando, Florida
- 1995 The Industry / Education Connection, CEP  
SIGGRAPH '95, International Conference, Los Angeles, California, August

### **Professional Activities: International**

- 1998 Panels Committee Member, SIGGRAPH '98 , Orlando, Florida
- 1997 Panels Chair, SIGGRAPH '97, Los Angeles, California