Rhode Island School of Design
submitted by Cynthia Beth Rubin   cbrubin@risd.edu

Final project in a special NSF funded course bridging science and art. Students began by gathering plankton specimens, learning skills from using a net to adjusting the microscope for effective digital captures. Students then explored micro-photography and micro-video, as well as the basic science of the marine plankton environment. In the final project, students integrated their research into a personal reflection on selected aspects of the lives of plankton, and used Augmented Reality to reveal a different perspective on the subject of plankton.

Student name: Sean Mullins
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Final Project (with AR)

Student name: Tianyi (Jerry) Ma
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Final Project (with AR)

Student name: Kassia M Rico
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Final Project (with AR)

Student name: MacKenzie Yamamoto-Lane
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Final Project (with AR)

Environment project in a special NSF funded course bridging science and art. Students began by gathering plankton specimens, learning skills from using a net to adjusting the microscope for effective digital captures. As an intermediate step in thinking about how to relate to microscopic marine plankton, students placed the plankton in an imagined environment which invited the viewer to contemplate the experience of plankton.

Student name: Gerardo Gandy
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Environment Project

Micro-photography project in a special NSF funded course bridging science and art. Students began by gathering plankton specimens, learning skills from using a net to adjusting the microscope for effective digital captures. As an intermediate step in thinking about how to relate to microscopic marine plankton, students explored changing color relationships to bring out various characteristics of the live plankton.

Student name: Monica Choi
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Micro Photography

Micro-video project in a special NSF funded course bridging science and art. Students began by gathering plankton specimens, learning skills from using a net to adjusting the microscope for effective digital captures. All students were required to make short videos; one student chose to make this the focus of his work for the course, producing a video of plankton as a final project.

Student name: Nicholas Martinez
School name: Rhode Island School of Design
Program/department: NSF sponsored EPSCoR course
Faculty name: Cynthia Beth Rubin
Project: Plankton Portraits Micro Videography

http://vimeo.com/91084944

Sensing the Past: Imagining Buildings, Rooms, Space from other times, was the Final Project in a digital imaging course entitled *Computer Vision: Reimaging/Reimagining Cultural Heritage.* Students visited with Computer Scientists and visited rare book libraries and museums to investigate how they could use digital technology as the means to connect with heritage.

Student name: Abraham Arambolo
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Sensing the Past

Student name: Ye Wang
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Sensing the Past

Student name: Evan Robbins
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Sensing the Past

Student name: Song Kang
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Sensing the Past

Student name: Tyra Bell
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Sensing the Past

Manuscripts from Across Time and Culture: Examining Patterns and the intertwining of Image and Text required students to integrate patterns from traditional printed, painted, and carved texts as they explored various cultural traditions from around the world and across time. Students visited rare book libraries as a part of their research. An intermediary project in the course entitled *Computer Vision: Reimaging/Reimagining Cultural Heritage.*

Student name: Catherine Caro
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Manuscripts from Across Time and Culture

Student name: Spike Meatyard
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Manuscripts from Across Time and Culture

Student name: Gerardo Gandy
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Manuscripts from Across Time and Culture

Student name: Mina Onar
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Manuscripts from Across Time and Culture

Student name: Maria Bedoya
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Manuscripts from Across Time and Culture

Student name: Jonathan Hilgart
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Manuscripts from Across Time and Culture

Cultural Objects from Everyday Life required students to respond to objects in museums, in their family homes, and in nature, as many cultural motifs are in fact derived from nature. An intermediary project in the course entitled *Computer Vision: Reimaging/Reimagining Cultural Heritage.*

Student name: Mercan Denizci
School name: Rhode Island School of Design
Program/department: Non-Major Studio Elective
Faculty name: Cynthia Beth Rubin
Project: Cultural Objects from Everyday Life