What Can We Gain from Transdisciplinary Visualization Courses?

Holly Rushmeier, Yale University

Will there be interest from non-CS students to attend transdisciplinary visualization courses?

What should be the balance between teaching disciplinary fundamentals and transdisciplinary education?
Three cases:

Individual classes on quantitative techniques underlying visual representations:
   -- data visualization
   -- photorealism

A new major: Computing and the Arts

Graduate Education: Collaboration
Individual classes on quantitative techniques underlying visual representations:
-- data visualization
-- photorealism
Individual classes on quantitative techniques underlying visual representations:
   -- data visualization
   -- photorealism

Transdisciplinary:

Need compelling ACCURATE examples to engage students.
Individual classes on quantitative techniques underlying visual representations:
   -- data visualization
   -- photorealism

A new major: Computing and the Arts

Visual and Performing Arts

Music    Art    History of Art    Theater Studies    Architecture
Individual classes on quantitative techniques underlying visual representations:
   -- data visualization
   -- photorealism

A new major: Computing and the Arts
Individual classes on quantitative techniques underlying visual representations:
  -- data visualization
  -- photorealism

A new major: Computing and the Arts
Individual classes on quantitative techniques underlying visual representations:
  -- data visualization
  -- photorealism

A new major: Computing and the Arts

**Graduate Education: Collaboration**