

RIT Color Science

Program of Color Science / Munsell Color Science Laboratory

Integrated Sciences Academy

College of Science

Rochester Institute of Technology

mcs.l.rit.edu

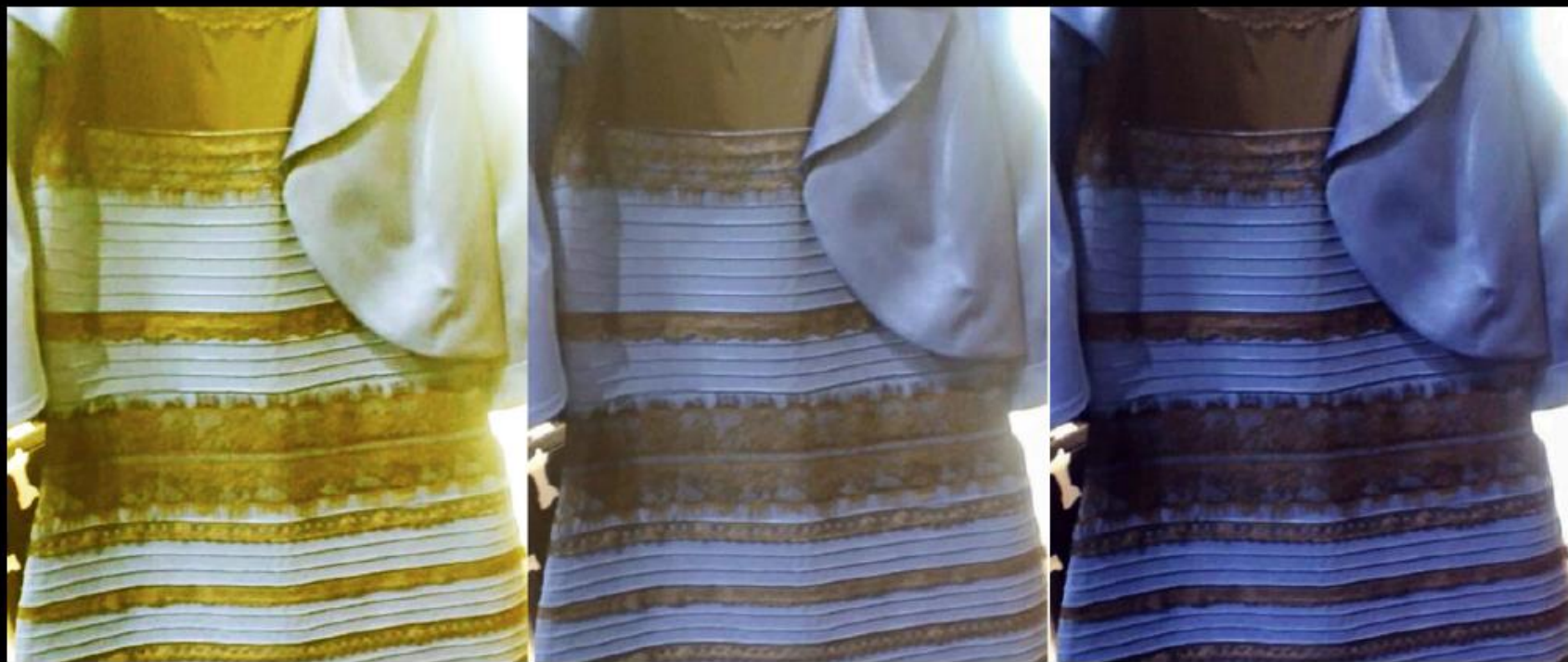


What is Color Science?

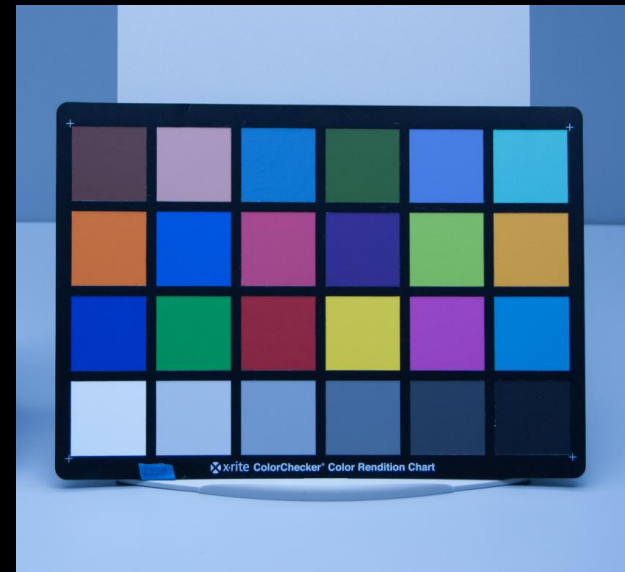




**Color Science is ... understanding why most people would call both of these green,
but they're not exactly the same.**



**Color Science is ... understanding why I think it's
blue & black and you think it's *white & gold*.**



Color Science is... answering the question “What is White?”



Color Science is ... multidisciplinary. Basic sciences (physics, chemistry, mathematics, biology) and technology used to understand and improve what you see.



Color Science is ... a bridge between the sciences and the humanities.

Student
Innovation Hall

William & Mortimer
Reynolds Dr

Tiger

Lewis P.
Ross Hall

Saunders College
of Business

Midnight Oil

Ralph Tyler
Dr Walkway

Hugh L.
Carey Hall

Munsell
Color Science
Laboratory

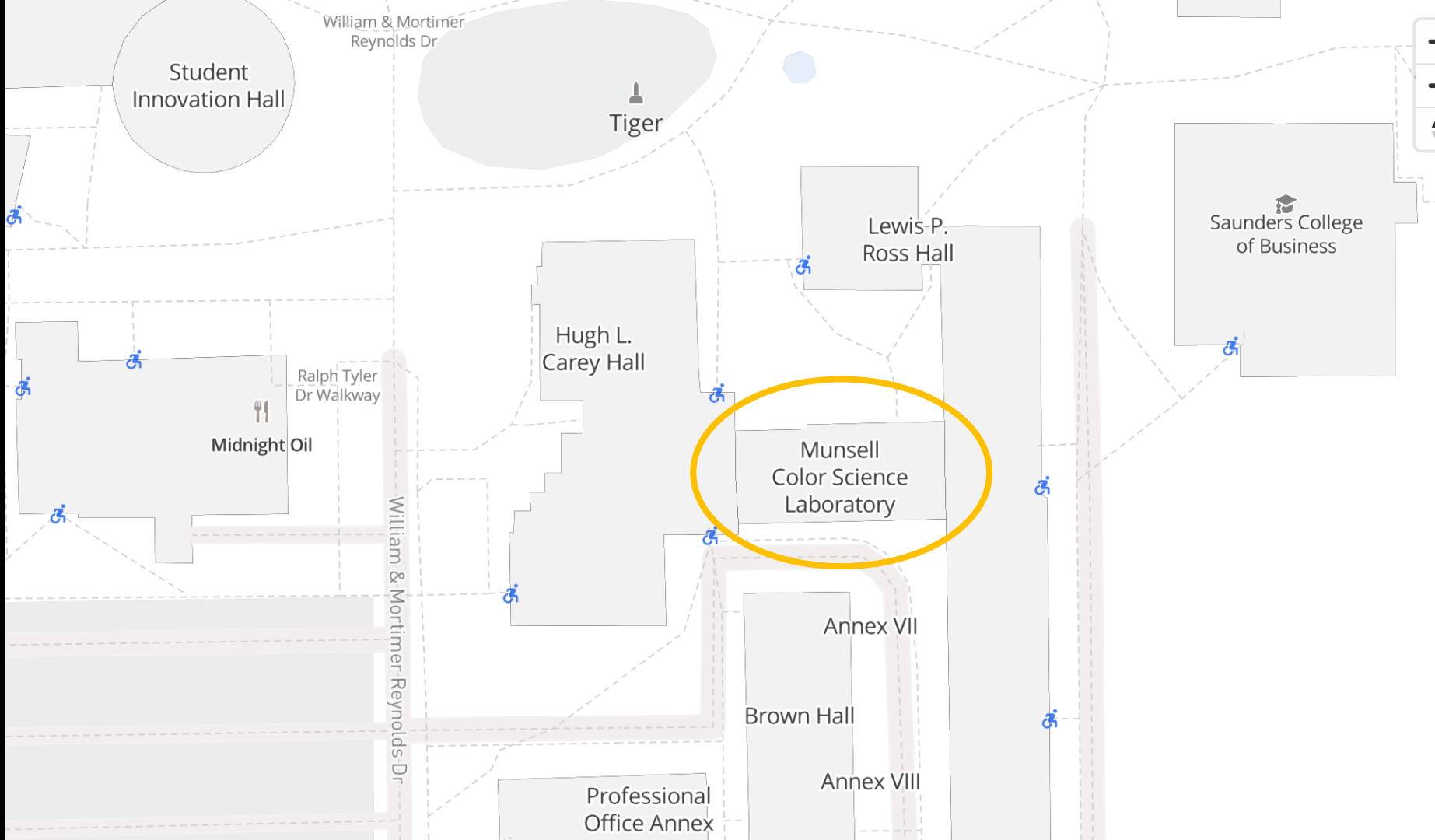
William & Mortimer Reynolds Dr

Annex VII

Brown Hall

Annex VIII

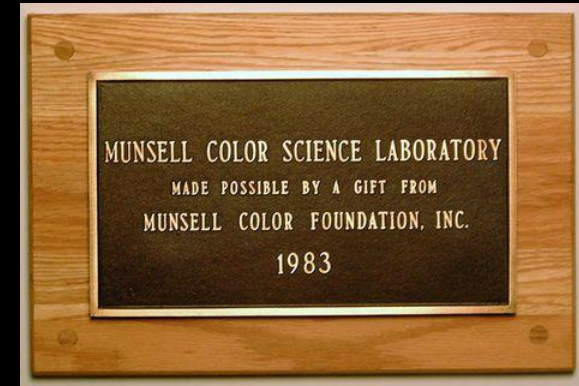
Professional
Office Annex



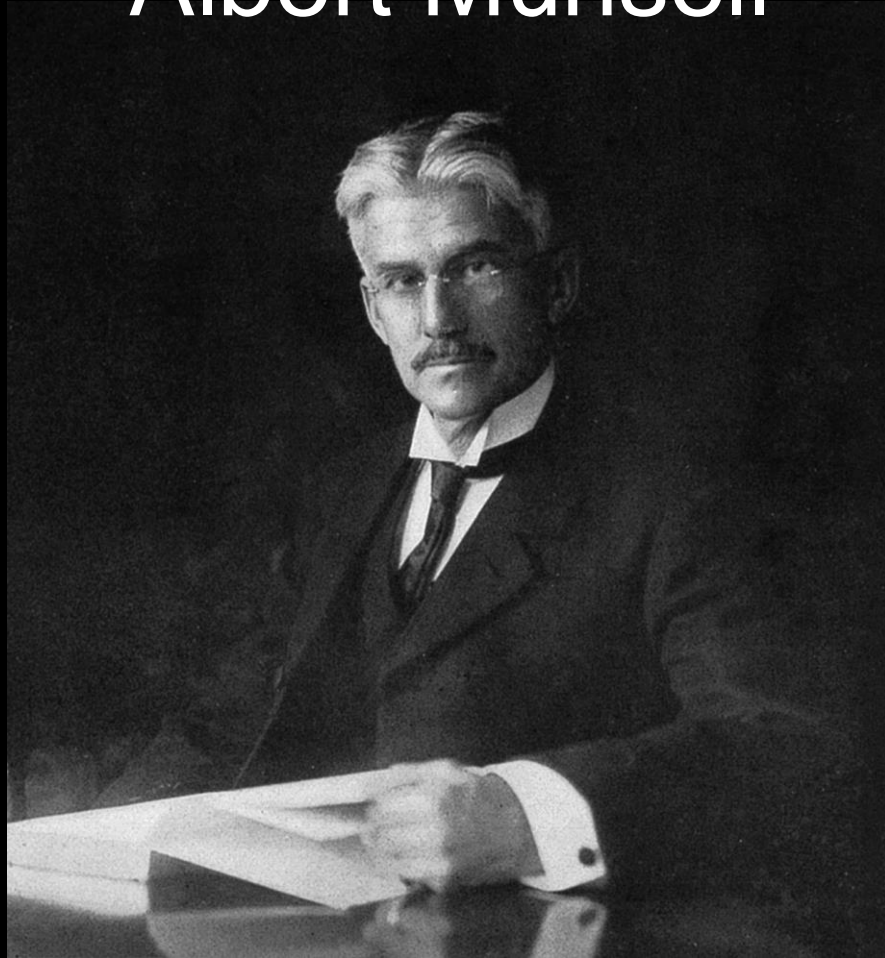
Munsell Color Science Laboratory

Objectives: Current (Rev. 2002)

- 1) To provide undergraduate and graduate education in color science,
- 2) To carry on applied and fundamental research,
- 3) To facilitate spectral, colorimetric, photometric, spatial, and geometric measurements at the state of the art, and
- 4) To sustain an essential ingredient for the success of the first three — namely, liaison with industry, academia, and government.

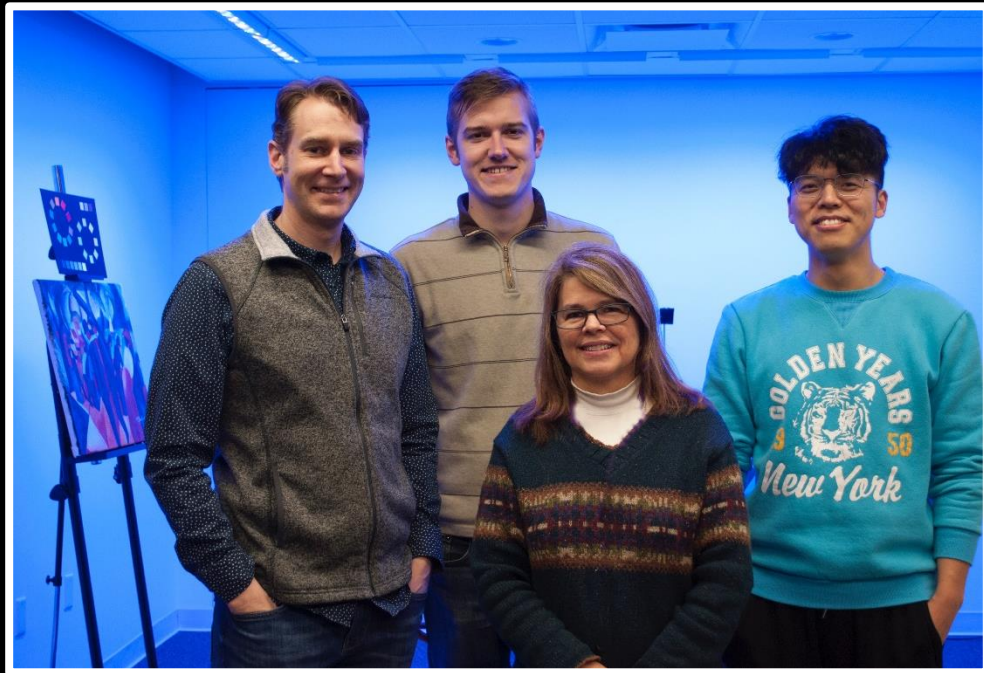


Albert Munsell





MCSL Faculty



Mark Fairchild
Susan Farnand
Elena Fedorovskaya
Mike Murdoch
*Chris Thorstenson**

**Joining Fall 2021*

MCSL Students



Programs & Numbers

Color Science M.S. & Ph.D.
Imaging Science M.S. & Ph.D.

Several Other RIT Undergraduate and Graduate Programs

130+ MCSL Alumni
From 15+ Countries

Working in Industry, Government, & Academia Worldwide

Over 1000 Publications under MCSL



Program Overview

CLRS-601 Principles of Color Science

CLRS-720 Computational Vision Science

CLRS-750 Historical Research Perspectives

CLRS-602 Color Physics and Applications

CLRS-820 Modeling Visual Perception

CLRS-752 Research and Publication Methods

Electives

Thesis or Dissertation Research

Color is in us — not outside.

-A. Munsell