# Code+Art

Expanding creative coding opportunities
at NCSU Libraries

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## STUDENT VISUALIZATION CONTEST

Compute your aesthetic and show your work at Hunt. $1,750 in cash prizes.

# Code+Art

- contest for students hosted by NCSU Libraries, sponsored by Christie Digital Systems (maker of MicroTiles)

- gain attractive student-designed visualizations for large-scale video walls

- build awareness about creative coding on campus

# Creative coding: making art with code.

contest structure in 2014-2015:
proposal process
project development
final judging

Outcomes:
-Two sophisticated student-created art pieces for Libraries video walls
-Faculty contacts

# "Fractal Forest"

# "WKNC Visualizer"

Improvement goals
for 2016:
increase student participation,
faculty involvement
& diversity

Challenge:
Pool of students who already make art with code is very small.

coders+artists??

2 new faculty hires in the field of design computing / interactive gaming and animation
@ the Design School

Changes to allow for more contest submissions:
-no initial proposal process
-more types of entries allowed not requiring code

# Creative coding <u>workshop</u>

- 70% female, over 50% humanities & design students.

# Creative coding <u>Hackathon</u>

- 90% male, 80% computer science students

# Creative coding <u>lunch group</u>

- 50/50 female to male

# How Does Gender Affect One's Willingness To Compete?

Updated March 3, 2016 · 4:53 PM ET
Published March 1, 2016 · 4:20 PM ET

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New social science research suggests highly competitive settings are likely to dissuade qualified women from tossing their hats in the ring.

The larger point from the study is that high-stakes competitions may not
be the best way to identify talent

*the most talented may not be competing*

Outcomes so far in 2016: modest but meaningful gains in numbers of women, international students, students of color & non-coders participating

more work to do:
shift from contest focus ⟹
inclusive programming

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