

# ASSESSMENT FOR LEARNING

# FACULTY LEARNING COMMUNITIES (FLCs)

"...develop empathy among members; operate by consensus, not majority; develop their own culture, openness, and trust; engage complex problems; energize and empower participants, have the potential of transforming institutions into learning organizations; and are holistic in approach. "(Cox, 2001) RNING



# SCHOLARSHIP OF ) TEACHING AND LEARNING

"...the kinds of inquiry and investigation that faculty are most likely to undertake when they examine and document teaching and learning in their classrooms in order to improve their practice and make it available to their peers." (Huber & Hutchings, 2005)



# 40 FACULTY IN 5 CROSS-DISCIPLINARY FLCs

- Crit the Crit
- Learning in the First Year
- Transfer of Learning
- E-Portfolios
- Narrative and Student Socio-Cognitive Development

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# DISCIPLINES

**Interior Design Industrial Design Graphic Design** Architecture Fine Arts Foundation Art History Humanities **Social Sciences** Science

# CHALLENGE

While Pratt Institute is relatively small, the faculty experience is generally one of disciplinary siloes.

# MEETING THE CHALLENGE

Envisioning teaching and learning integration as an alternative to siloes and "disintegrative forces" (Boose & Hutchings).

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# CHALLENGE

Faculty have few opportunities to discover commonalities in their pedagogical practices across disciplines and to learn from each other.

# MEETING THE CHALLENGE

Mapping shared "mental models" (Kezar, 2014) across disciplines through: *common, cross-disciplinary taxonomies, lexicons and visual tools for studio/classroom based observation and research.* 

### Emergent Themes Year I

• Mapping shared "mental models" (Kezar) across disciplines through: **common, crossdisciplinary taxonomies, lexicons and visual tools for studio/classroom based observation and research**.

A lot of the work the FLCs have done was to create foundational understandings of some of the webbing that ties teaching and learning at Pratt together. I have a broader understanding of the nexuses and how my work plays into that understanding.

• Envisioning teaching and learning integration as an alternative to siloes and "disintegrative forces" (Boose & Hutchings).

• As a long-time part timer...I still lack an overview of how the disciplines communicate and work together to create the best curriculum for students and approaches to teaching and activities that are truly integrated.

### • Top down support for **grassroots** leadership for change

I understand the need for both a groundup faculty base of engaged faculty and a focused institutional infrastructure for change to happen successfully



Mapping transfer in process.

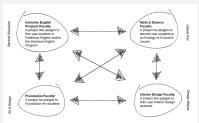
## A TLC Start Up: Concentric Circles of Grasroots Faculty Leaders

Heather Lewis | Pratt Institute Professor, Art, and Design Education & Director, Assessment for Learning

### Mapping the Critique



### Mapping the Transfer of Learning



### • Participants: 40 faculty scholars in five, cross-disciplinary faculty

Sciences, and Science.

- learning communities (FLCs).
  Disciplines: Interior, Industrial and Graphic Design, Architecture, Fine Arts, Foundation, Art History, Humanities, Social
- Scholarship of Teaching and Learning: Learning in the first year, the transfer of learning, learning in the critique context, learning through narrative, and student self-assessment.

### Context

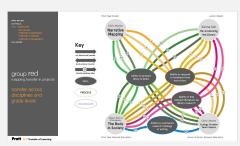
- The first year of an institutewide approach to assessment for learning through faculty scholarship of teaching and learning.
- While Pratt Institute is relatively small, the faculty experience is one of disciplinary siloes.

### Materials and Methods

- Project reports based on studio/ classroom research, group discussions, conference presentations and post-conference reflections.
- Surveys, action research, grounded-theory.

### Implementation Year II

- Assess Year I thorugh focus groups and collaborative first year report. Make mid-course revisions for Year II.
- Use the common tools developed in Year I to examine student experience of critique, transfer of learning, self-assessment, and learning through narrative.
- Share results publicly and expand the reach of the FLCs through campus events, communications, and institutional policies.



Transfer across disciplines and grade levels.





Use the common tools and typologies developed in Year I to examine how crosscutting themes such as Transfer and Critique are implemented in diverse contexts.

Share research with the broader public, including the Pratt community.





Submit articles for publication

Initiate and guide a planning process to launch a new round of transdisciplinary SoTL research through Faculty Learning Communities.

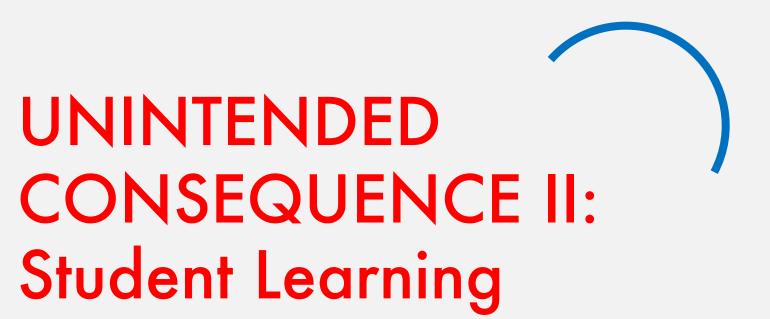
But.....



The multi-disciplinary nature of the FLCs and the themes were intentionally established in Year I

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But, the transdisciplinary approach to the themes evolved over time from the shared conversations and learning cultures of the FLCs.



We thought we would focus on student learning in the first year of the research. ARNING

We then realized that we needed to identify and examine learning opportunities before we focused on the learning gaps.

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# UNINTENDED CONSEQUENCE III: Methdologies

The research methodologies were not predetermined but social science assumptions prevailed, even within arts and humanities fields.

Visual research methods developed organically as an integral part of the transdisciplinary research process.



Although the FLCs were meant to generate a sense of trust and community, how we build inclusive learning cultures for SoTL was not an intentional research focus. ARNING

Yet, in Year II the FLCs' inclusive learning cultures were as vital to the research process as the thematic focus and evolving research methodologies.



# UNINTENDED CONSEQUENCE V: Institutional Support

Starting with a grassroots but high-profile SoTL initiative does not guarantee sustainability

It might have contributed to administrative reservations about whether the time and resources it requires can be used for larger scale, but less costly faculty development UNINTENDED CONSEQUENCE VI: SoTL Leadership

Although we provided development and support for two FLC facilitators in each group, we did not anticipate they would become SoTL leaders institutionally. FOR

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# Next Steps: Research on Inclusive Learning Cultures

Culture is constructed and maintained by people, continuously. Culture is always in the making. It influences the members as they influence the culture. These entangled processes make it less interesting to talk about *what* is a culture and more interesting to focus on *how* it is constructed....After a change process meaning is constructed in different ways.

Torgny Roxa 2018 ISSOTL Closing Plenary Speaker

Workshop: ISSOTL 2018 International Society for the Scholarship of Teaching & Learning "Toward a Learning Culture" Bergen, Norway



**Transfer of Learning FLC** 

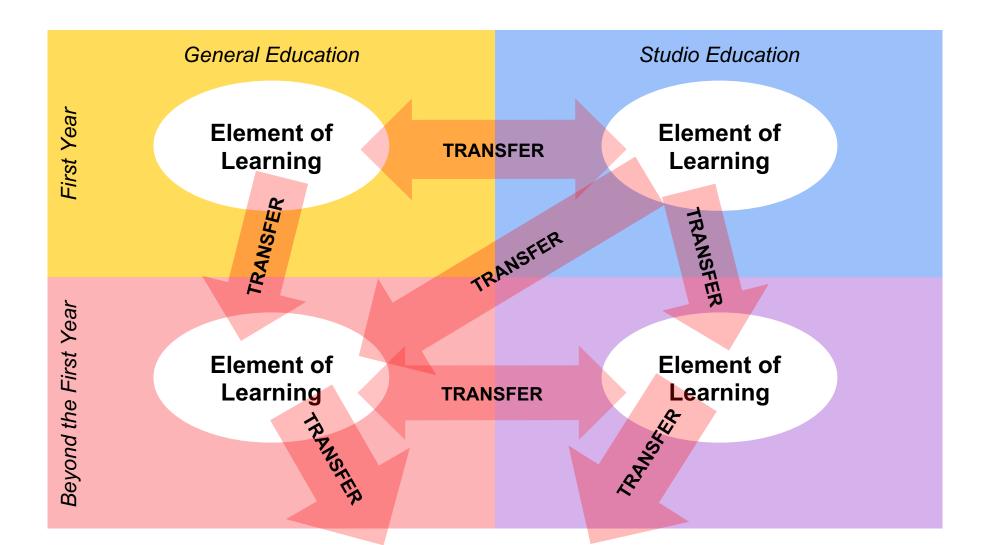


**First Year** 

# What is *Transfer of Learning?*

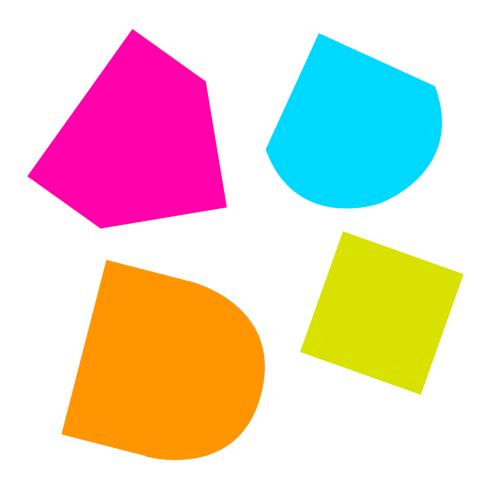


The application of what has been learned in one context to new contexts



# Year 1 Process : Cross-Disciplinary Comparisons





## **DISCIPLINARY DIFFERENCES**

Establishing mutual understanding of how each of our disciplines are taught at Pratt

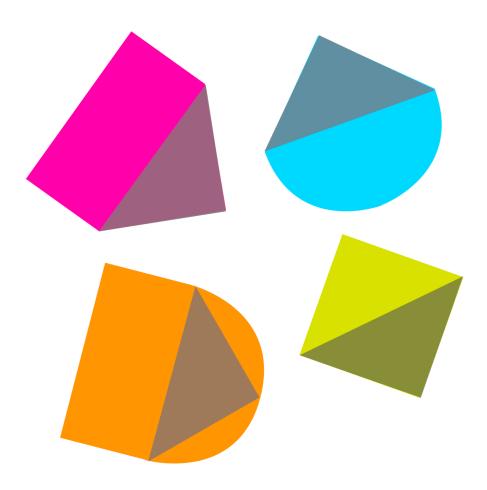
**COMMON APPROACHES** Coming to a common understanding of what "transfer of learning" means

## **POTENTIAL TRANSFER**

Conceiving of a research approach to studying the potential for transfer in the Pratt art & design education

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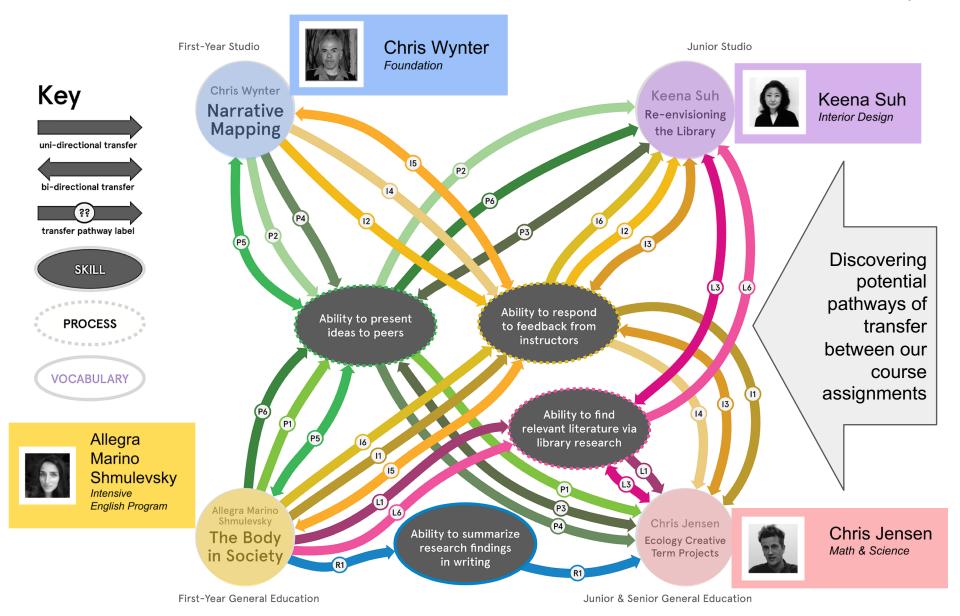
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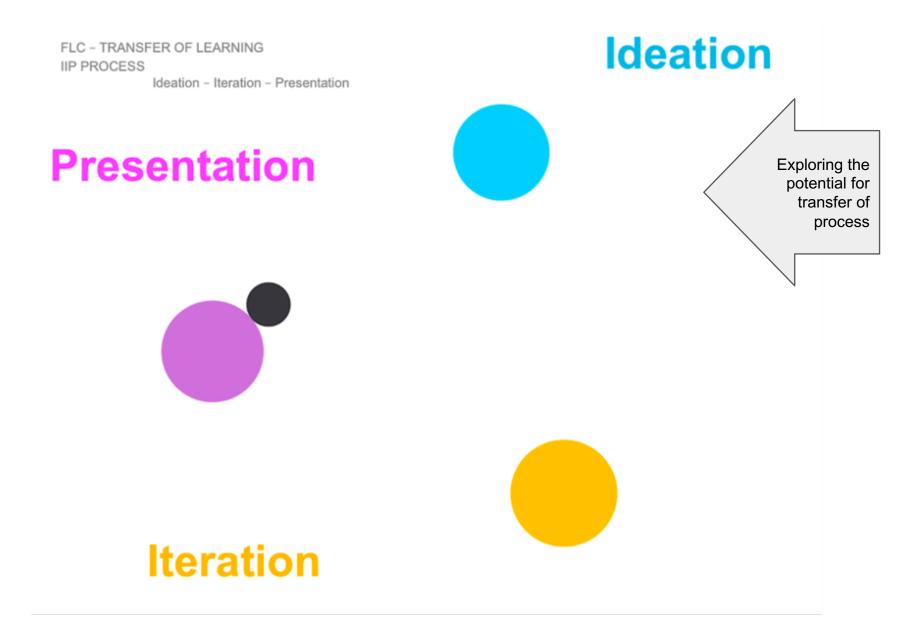
# Year 1 Process : Mapping Transfer Connections





# Year 1 Process : Process as Transferable

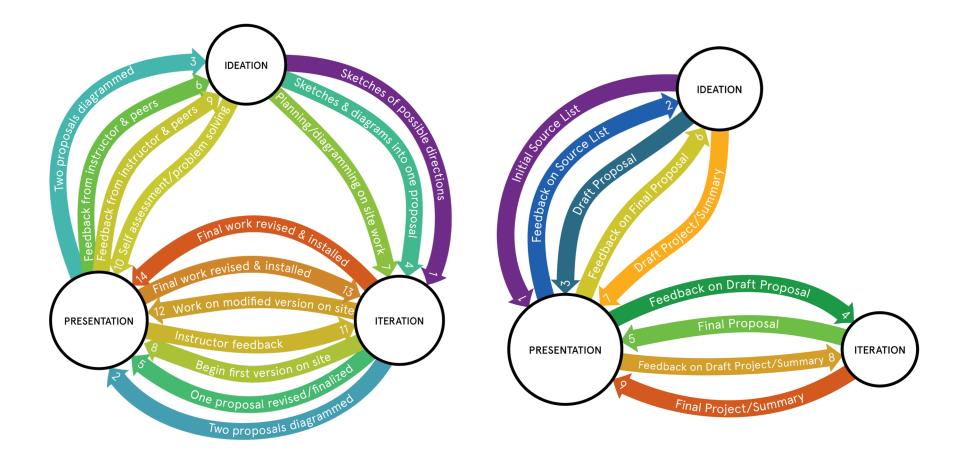




Year 1 Process : Process as Transferable



The IIP framework allows for the comparison of different project processes:



# Year 2 Process : Transfer Sessions



**General Education** 

# First Year

Humanities & Media Studies (4) History of Art & Design (3) Intensive English Program (1) Studio Education

Foundation: Visualization & Representation (3) Light Color & Design (3) Time & Movement (3) Studio Language (2)

33

participants

Math & Science (3)

Social Science & Cultural Studies (2)

Humanities & Media Studies (1)

Fine Arts (1) Industrial Design (1) Art & Design Education (2) Communications Design (2) Interior Design (2)



# Goals of the *Transfer Sessions*:

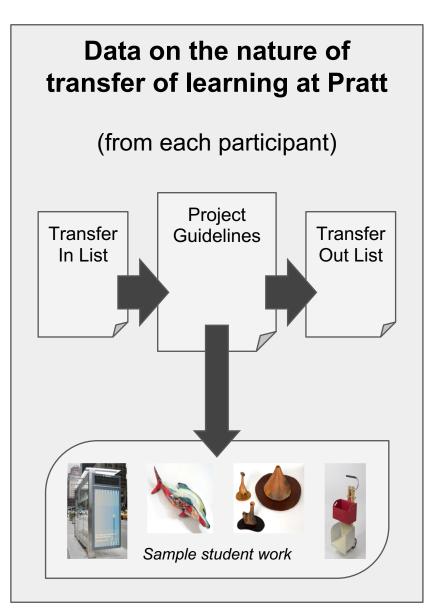
- Expand how faculty contextualize their teaching within the broader Pratt education
- Broaden each faculty participant's perspective on their teaching by introducing the "transfer lens"
- Learn more about what transfer of learning means across the broader Pratt undergraduate (Art & Design) curriculum
- Build a community of Pratt faculty who are interested in fostering better transfer of learning

# Year 2 Products : Outreach and Data



Professional development and faculty outreach

- 10 sessions
- 33 faculty participants
- 11 different departments
- 166 elements of learning transferred in
- 249 elements of learning transferred out



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Students are able to offer useful editorial support to their classmates

Students will be able to use writing as a tool for thinking

Students will be able to use writing in a way that clearly conveys their thoughts to others

Students will be able to understand the critical/theoretical as a longstanding and continuing conversation that can include them.

An appreciation of the crucial role of research in the design process

The ability to iterate as part of the design process

The ability to create prototypes as part of the design process

The ability to accept and address feedback

The ability to be critical about their own work .

The ability to be flexible throughout the design process

#### Foundation Time & Movement course

How to conceptualize a design project (how to link idea and visuals)

How to execute a design project (process and revisions/ refinement)

Basic frame animation execution and principles (12 principles of animation)

A better critique vocabulary, and a more thoughtful approach to critique

A solid understanding of what Pratt expects in terms of workload, attendance, deadlines and quality.

Introductory knowledge of their studio core at the post-secondary level.

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Communication Design Research, Analysis & Process course

#### Humanities and Media Studies Literary and Critical Studies course

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Communication Design Research, Analysis & Process course

Art & Design Education Foundation in Art & Design Education course

#### Foundation Visualization/Representation/Concept course

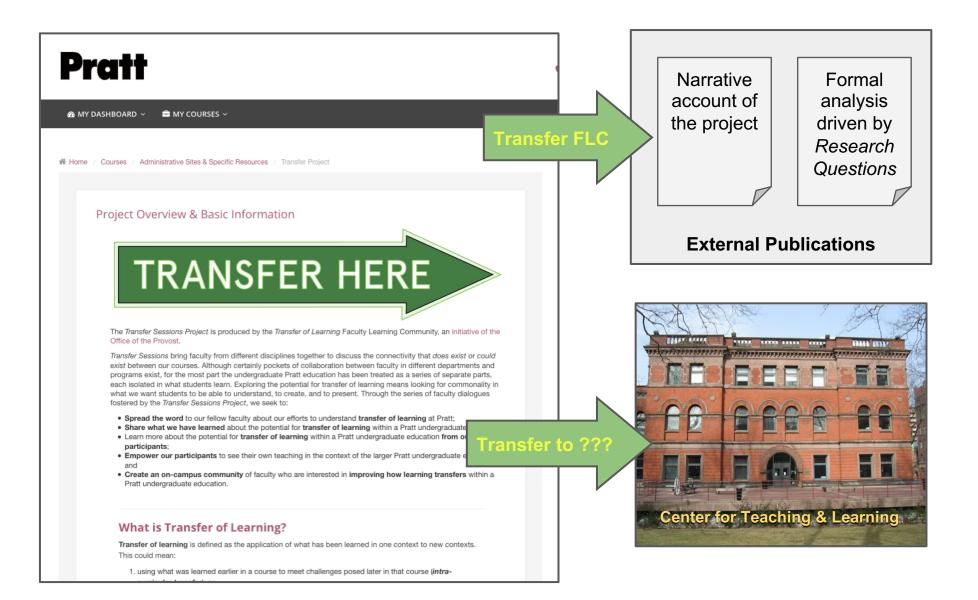


Math & Science Evolution course

Interior Design Language of Drawing 1 course

Our Expanding Community... and Next Steps





## **Transfer FLC Research Questions**

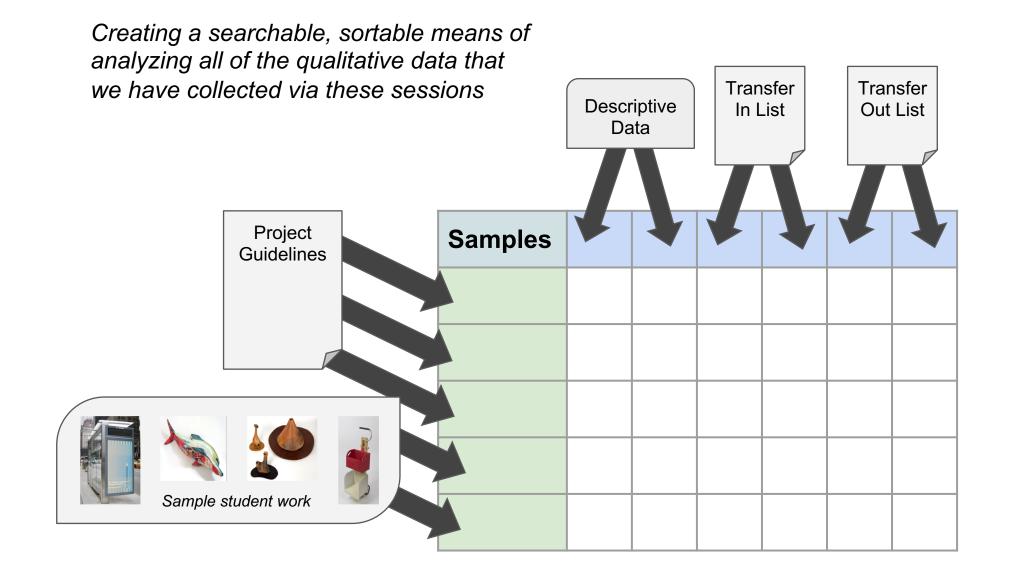


Within our existing curriculum, what's the potential for student transfer of...

- The ability to **plan a process of project development**?
- The ability to give and respond to feedback/critique?
- The ability to **self-assess** and **self-reflect**?
- The ability to deconstruct existing work and plan/conceptualize a work by playing with constituent design elements?
- The ability to translate between visual and written languages?
- The ability to perform the research necessary to inform a project?

### The Transfer Sessions Project Database





### **Group Exercise : Step 1 of 3**



Transfer of Learning FLC "Toward a Learning Culture" ISSOTL 2018 Bergen, Norway

Transfer of Learning FLC Workshop International Society of Teaching & Learning - ISSOTL 2018 - "Toward a Learning Culture" - Bergen, Norway						
Name:	Academic Department:					
Check the box(es) that best describe your teaching:						
Instructions: Consider whether each of the following "elements of learning" transfers IN or OUT of one of you classes. Check all IN and OUT boxes that apply to your teaching.						
Transfers In?	Element of Learning					
	Topic = Process					
□IN	Using ideation to generate directions/possibilities/solutions (or something else)					
□IN	How to conceptualize/plan/execute a work of art/design/writing (or something else)					
□IN	Using iteration and selection/revision to improve the quality of work produced					
	Topic = Feedback					
□IN	How to provide effective feedback in response to work produced by peers	□о∪т				
□IN	How to respond to critique from peers, instructors, and/or external critics					
□IN	Using feedback as a means to refine a work throughout the stages of the project					
Topic = Analysis						
□IN	Deducing the argument, intent, strategy, and/or goal of a work	□ουτ				
□IN	Deconstructing an existing work into its constituent elements or components					
□IN	Achieving the goals of a work by employing appropriate elements or components					
Topic = Self-Assessment						
□IN	How to reflect on one's own processes as an overall learner and problem-solver	□о∪т				
	Considering what one already knows/needs to know in order to complete a project	□оυт				
□IN	Identify understanding that was transferred from an earlier educational experience	Πουτ				
	Topic = Vocabulary					
	Familiarity with discipline-specific vocabulary	Πουτ				
	Connecting vocabulary from different disciplines with similar conceptual meaning	Πουτ				
□IN	Appropriately employing discipline-specific vocabulary in oral and/or written forms	□о∪т				

- Complete the form
   distributed to you by one
   of our FLC members by
   <u>considering which
   "elements of learning"
   transfer IN or OUT of
   your courses.
  </u>
- Let us know if you have any questions as you complete the form!

## Group Exercise : Step 2 of 3



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- Based on what elements of learning you checked off and your own interests, <u>move to some of the five</u> <u>"topic tags"</u> throughout the room.
- Introduce yourself to other people at your tag and compare lists to <u>find elements of learning that you</u> <u>share in common</u>.
- Explain to each other how these shared elements of learning factor into your teaching.
- Prepare to share any "pathways of transfer" that you discovered in your group.

## Group Exercise : Step 3 of 3



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- Let's share with the whole group!
- Please <u>report any interesting "pathways of</u> <u>transfer</u>" that you discovered to the rest of the groups.

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#### The anti-bias critique: a provocation

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Crit the Crit Faculty Learning Community

ILLAND COTTENT FITTE CONTINUES OF THE

Understanding and rethinking critique practices in Art and Design education in the context of inclusive pedagogy T Camille Martin School of Design

Gaia Hwang Grad ComD

Kelly Driscoll Fine Art

Analia Segal Sculpture and Interdisciplinary

Eva Perez de Vega Architecture

Farzam Yazdanseta Architecture

Raphael Griswold Fine Art

Rhonda Schaller Director of CPD

Dianne Bellino School of Art

John Monti Fine Art

Loukia Tsafoulia Interior Design

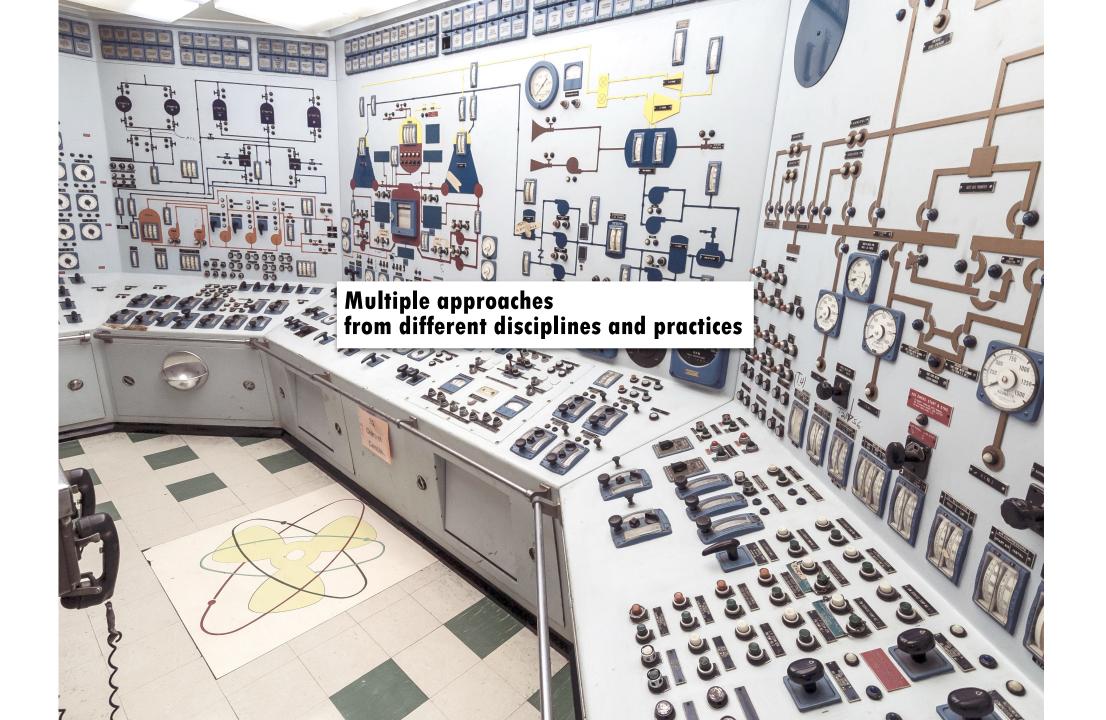
Jennifer Leung HMS

Anthony Caradonna Architecture Crit the Crit Faculty Learning Community

# Methods used to perform critiques in different fields







Do the fields of art, design, architecture, and creative writing produce **distinctive approaches to critique?** 

How do we **discuss a tradition of critique** that has been inherited and understood in different disciplines? Which **typologies of critiques** are more employed for formative and summative assessment?

What types of **skills**, **attitudes and approaches are desirable** in the participants of a critique?

What **types of scaffolding** are necessary over students' educational experience of critique to support and sustain learning?

Inquiry

appointment. All critiques happen simultaneously (it can get noisy). For this style critique, there need to be close to as many invited guests as number of students. Students get very specific feedback, one on one, with experts from different fields. (Fashion thesis Fall review, Parsons)

21. Gallery style critique (a more casual version of the above): Students pinup and 'curate' a section of the review space. Student designer stands by their work and invited guests come in and approach the work that they find interesting and engage the student in a conversation. Student and invited guest have control over the timing and specificity of the conversation/ critique.

(Parsons design Elective)

3 Shared studio critiques – student presentation / faculty commentary

3a. Shared faculty review of low passing or failing projects; students not present

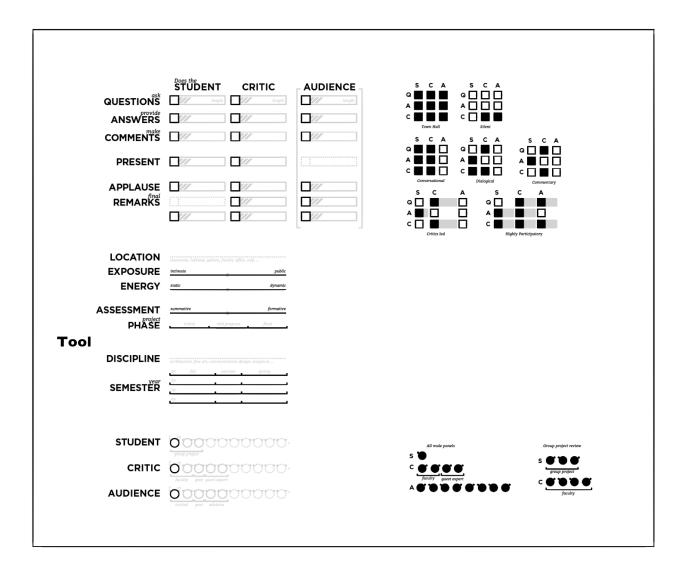
#### EPdV:

3b. Two faculty of same year but different sections share a review for the same project, by pairing students and alternating pinup order. Differences in faculty approach of the project make help student see different vantage points, as well as getting informed comments given the familiarity with the project intentions. (2<sup>nd</sup> Year UA)

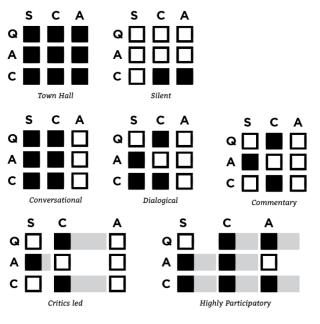
Non participatory observations o instructor on first day of term One on one review/discussion and formatted grading rubric completed by faculty / recorded by dpt / accessible to students review of structure + content completion / academic progress in studio courses (previously by all program faculty in one annual portfolio day)

3

<b>Type of Critique</b> Self, Group, Juried, Round robin, Desk Crit, Individual Critiques, Pin Ups, On line, Silent review, Student lead cross crit, Written evaluation, Science fair, Studio visit, Peer review, Adaptive, Panel discussion, Defense	<b>Participants inhabitation of the space</b> Sitting, Standing; Room equipment organized radially, around a focal point, in parallel rows, one directional, other, Around a table, in front of the work, distance; Dynamic or static	<b>Recording and documentation</b> Video, audio recording, note takers; streaming Is the review officially photographed or recorded for institutional marketing, etc? Informally photographed or recorded by students to preserve information communicated? Is the student invited to take notes?	
Questions, answers and comments [+ by who and how much] Silent review, Presentation, Conversational,	Time in the year and semester		
Dialogical, Commentary, Silent Are there closing, summary remarks by the faculty and jurors? Are students invited to ask questions or comment at the close?	Discipline		
Location Classroom, studio space, lab, hallway, amphitheater, gallery; open air vs interior. Critique matrix	Expectations How is this communicated to students? How is this communicated to the jury? Do students know what to expect? Do they create the their ground rules or comment on the runnors? What are student's perception of the critique assessment process and methods? Is there feedback on process and learning? How are students informed of the format?	<b>Timing, Pace, Order</b> Length, parallel sessions, Line up; One to one, One to group, Group to one, Group to Group; order of presentations How long was each review How many students are reviewed at a time? What is the order of critique? Is applause a part of the review, either after each student project or in closing?	
<b>Assessment</b> Formative, Summative	<b>Type of project</b> Design Solution, prototype, building proposal, urban proposal, installation, thesis	Jury Makeup Peer driven, Faculty driven, Guest driven, Expert driven; Gender ratio; Selection of juror What is the gender/diversity makeup of the pane? How did you choose the juror? Who do you typically invite and why?	
<b>Time in the project</b> Initial, intermediate, final	proposal,		

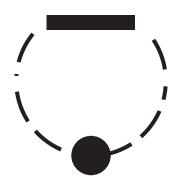


	Does the <b>STUDENT</b>	CRITIC	AUDIENCE
	× length	length	length
provide ANSWERS			
PRESENT			
APPLAUSE final REMARKS			
			LJ

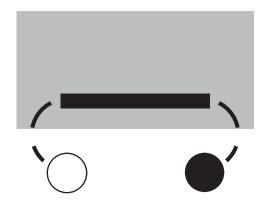


DNA





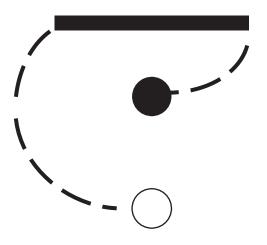
Self Critique



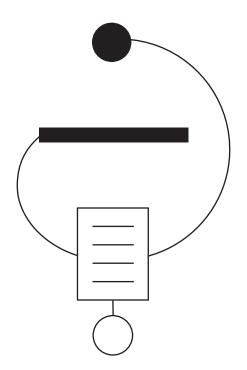
Desk Critique



Individual Critique



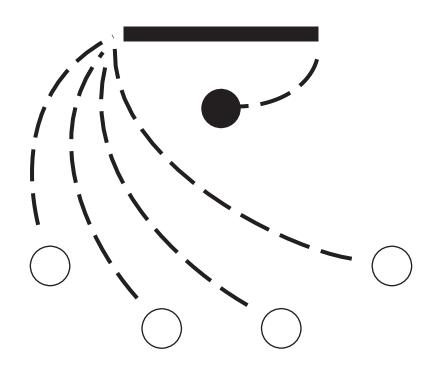
Pin Ups



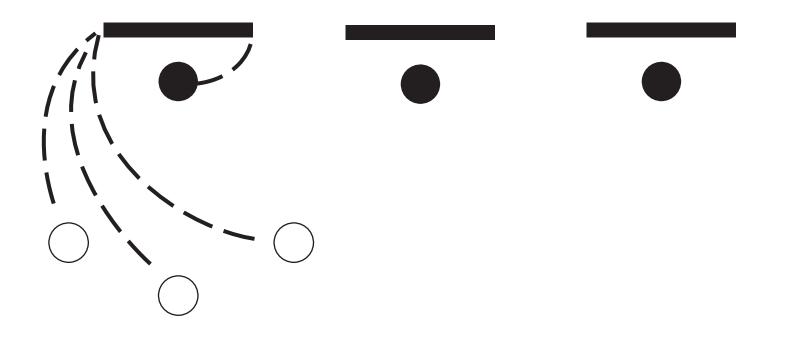
Written Evaluation

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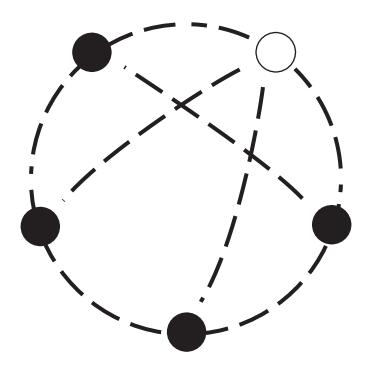
Silent Review



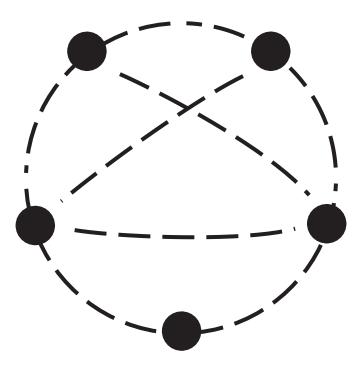
Juried Critique



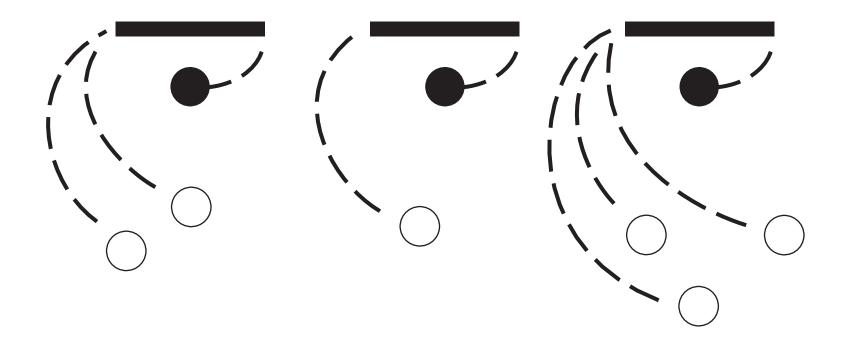
Round Robin



Group Critique



Peer Review



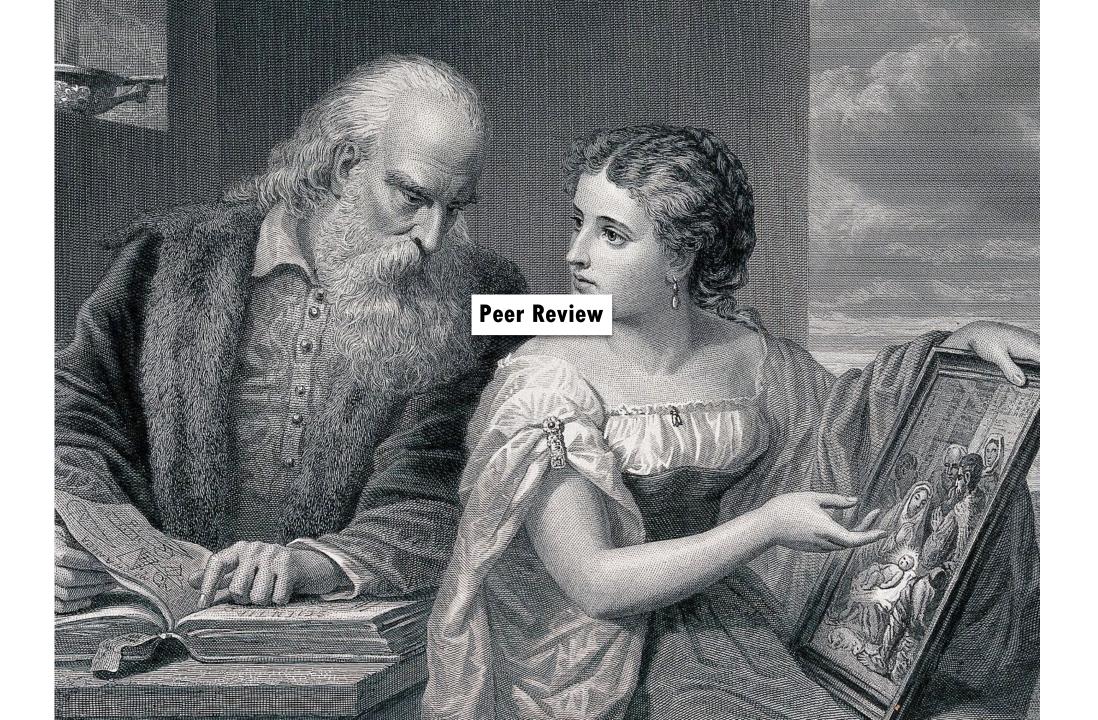
Science Fair





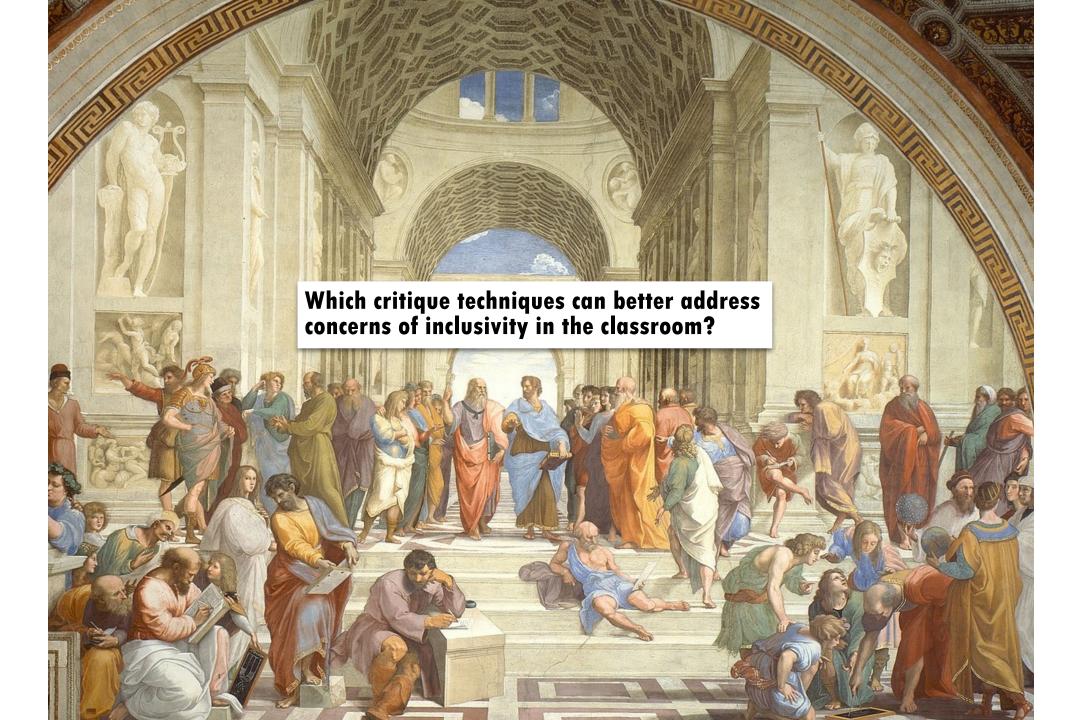












Which techniques can better address concerns of racial, class, language and gender discrimination?

1.30.



Should we create closed and safe critique spaces for marginalized identities?

How do we reduce participants' propensity to stereotype? How can we make individuals aware of their implicit biases?



We have no answers.

ISSOTL 2018, Bergen

### Thank you!

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