



*Design Studio  
Final Reviews  
Spring 2019*

UNIVERSITY OF MARYLAND  
**School of Architecture,  
Planning & Preservation**

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**ARCH 400**

**Location**

Michael Abrams  
Joseph McKenley  
Leah Ijjas  
Georgeanne Matthews

1101 and Kibel Gallery  
1125 - 1127  
Great Space 1 and 2  
1105 and Great Space 3

**Monday, May 13**

**ARCH 402**

**Location**

Lindsey May  
Brittany Williams  
Robert Cole  
Juan Burke

1103  
1101  
1125 - 1127  
1105

**Friday, May 10**

**ARCH 405**

**Location**

Julie Gabrielli

1103

**Monday, May 13**

All reviews take place from **2:00 - 6:00 PM**

**ARCH 407**

**Location**

Antonio Latini

Under the Library

**Monday, May 13**

**ARCH 408**

**Location**

Tonya Ohnstadt  
Ronit Eisenbach  
Jamie Tilghman

Great Space 1  
Great Space 1  
Great Space 2 and 3

**Wednesday, May 8**

**ARCH 601**

**Location**

Madlen Simon  
Peter Noonan  
Jana VanderGoot

Off Campus  
1105  
Kibel and Linear Galleries

**Friday, May 10**  
**Wednesday, May 8**





The garden will be a space to reflect and enjoy, and to observe the *folly* as a three-dimensional sculpture. The *folly* is not for dwelling, but rather will be a place to visit, an arrival point within the garden; hence its location plays a key role in the design. The *folly* will not be the main and only arrival point. The main thrust of the project is to design exterior spaces or rooms throughout the Garden for rest, meditation, and contemplation. This project challenges students to compose a series of spaces using a prescribed kit of parts to orchestrate an experience based on ONE of the following four themes:

**CEREMONY / CONTEMPLATION / DIALOGUE / TENSION**

The selected theme will be the main concept. However, students may explore one major concept and have supporting (or secondary) ideas or themes.





## ARCH 601

## Timber in the City

The studio is engaged with an ACSA design competition for a mixed-use, mid-rise, **mass timber** building in New York City that combines 100 affordable housing units, a community wellness center, and an early childhood education center. The students researched emerging tall wood construction and design methods, seminal housing precedent studies, and research into dwelling unit typologies. The project site is in Queens, along the East River, just south of the Queensborough Bridge, with views to Roosevelt Island and the Manhattan skyline.





## ARCH 402

## Housing in the City

The third studio in the undergraduate sequence is focused on housing. After a detailed housing precedent study, students visited the project site at 1413 14th St NW, Washington, DC 20005. Located at the southeast corner at 14th and P, the site provides an opportunity for students to explore the questions related to dwelling in a city. Through this multi-family project students are focused on developing the project at all scales - from overall building organization and promenade to the individual units.





## ARCH 407

## Roma Pian Due Torri

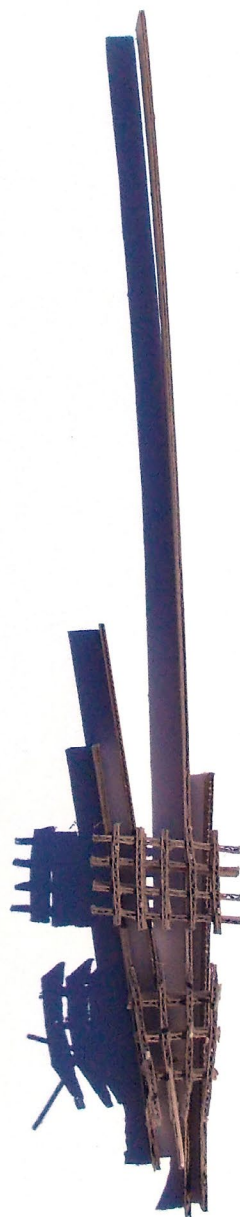
Far from the magic of the historic center and in one of the poor areas of Rome, between the bend of the Tiber and a most crowded and deprived district, a *terrain vague* waits for redemption.

The core project for the semester deals with the design of a 'complete' neighborhood, inclusive of residential and mixed-use buildings, retail streets, park areas also for the use of the adjacent zones, educational and other public uses.

As a testing ground for 'city-to-building' architecture, the project is completed with the design of a building group/public space and a residential building.



The studio is tasked with the design of a natatorium, cabins, and a welcome center for Children's National Brainy Camps in Mattaponi, Maryland on a 300 acres historic plantation. Special attention has been given to landscape and site design. Through a series of workshops with Children's National and community members, design exercises, and field trips, students have been asked to use architectural design to address issues of clean economies, healthy building materials, and social/environmental justice.







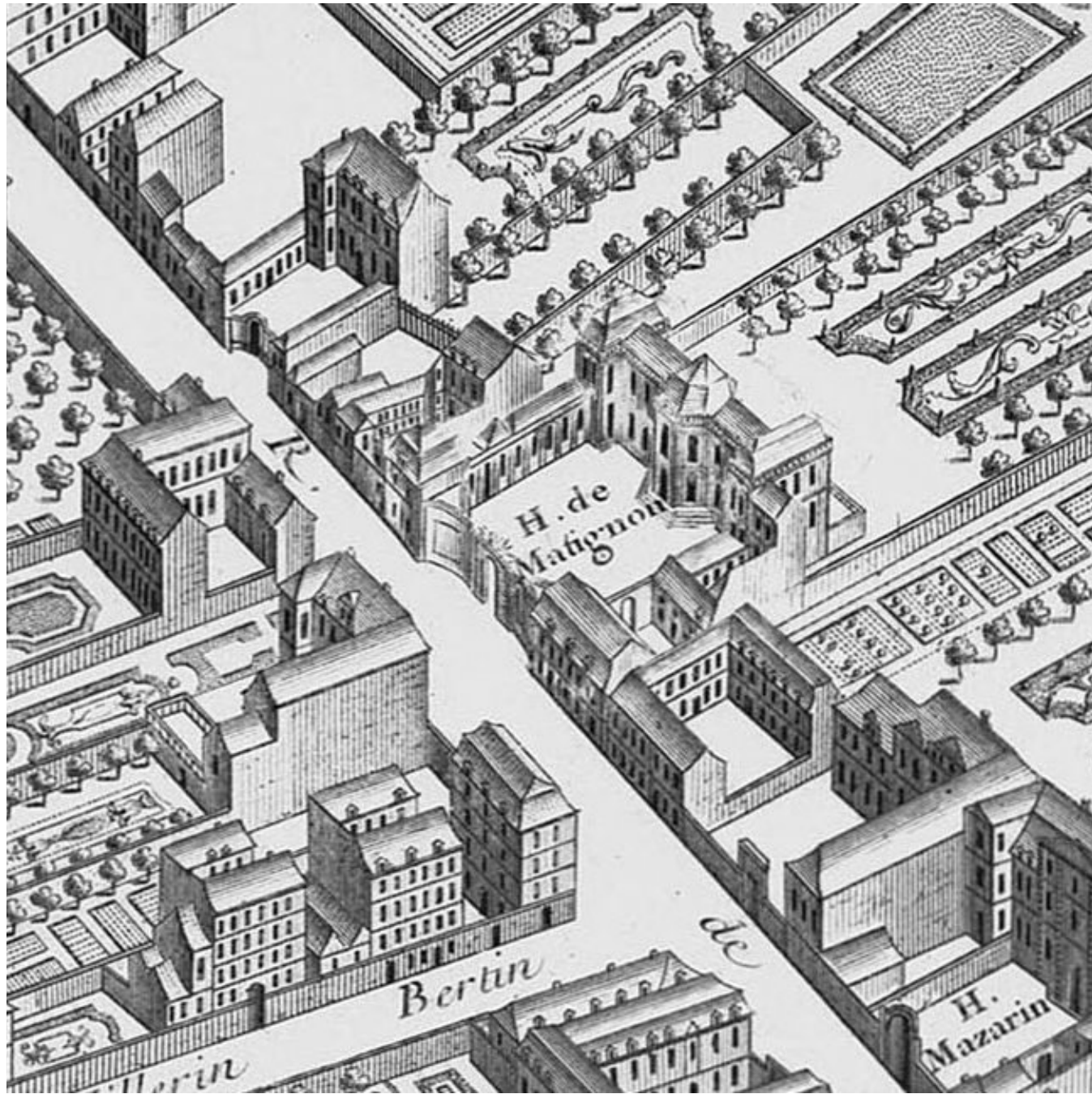
## ARCH 408

# Kakenya Center for Excellence: Multipurpose Hall

The Kakenya's Center for Excellence is a primary and secondary campus of 500 Maasai girls, teachers and staff located outside the village of Enoosean, Kenya. Perched overlooking a valley with a farm along the southern perimeter, the master plan comprises 30 two story modular buildings for living, learning and gathering. This studio focused on the **second phase**, including the centerpiece of social life on campus, an open air multipurpose space and kitchen.

This is a project about *equity* for the users, the client, the designers and the builders. The project strives for complete, self-sustaining sustainability, beauty and positive social impact for the enrichment of a Maasai girls school in Kenya. Other designers participating in the studio include: MASS Design, GA Collaborative, Okana Project, UN Sustainable Expert and Rhetra.





## ARCH 405

## Dwelling in the City

This course explores archetypal themes such as the Bachelardian vertical house, “from cellar to garret;” the primitive hut; center and edge, boundary and enclosure; order and orientation; geometry and the cardinal points. Students considered the idealized form of the city house, from ancient Greece and Rome, Renaissance Italy, Baroque Paris, and early 20th-century Modernists. Context-related themes include the notion of the city as a setting for noble actions, where public life is given prominence, and the house is the background.

We began with an exploration of unit types, looking at the ways that livability, efficiency, and market demographics compete with poetic ideas of placemaking, shelter and orientation. Students analyzed precedent housing projects for contextual approach, programmatic response, and architectural vocabulary. Aggregation of units and building massing on the site integrated ideas of place, orientation, and collective / individual experiences, from the scale of the city to the unit. Façades explored the vertical surface, including expression of wall or frame, skull or mask. What is revealed of the interior? How does the street wall participate in the public life of the street?





## ARCH 408 Aerotropolis Experience Destination, College Park MD

As the culminating project of the College Park Aerotropolis Studio 2019, the Experience Destination builds on the 2 Team Masterplan Construct projects that immediately precede it. Students are asked to imagine a destination within the masterplan constructs that responds to a specific program of the students choosing. The goal of the final project is to place the observer directly into a new type of spatial experience that is “vivid, transcendent and life-changing;” (from the A4 problem Statement) and that assumes that all advanced transportation modes-Autonomous Aerial Vehicles (AAV’s), Autonomous Vehicles (AV’s) and Drones are all available and impact the way that we interact with these new environments. In sum, the Studio asks the participants to imagine a near future in order to explore spatial environments that may grow out of the use of new technology and the convergence of physical and virtual experiences.

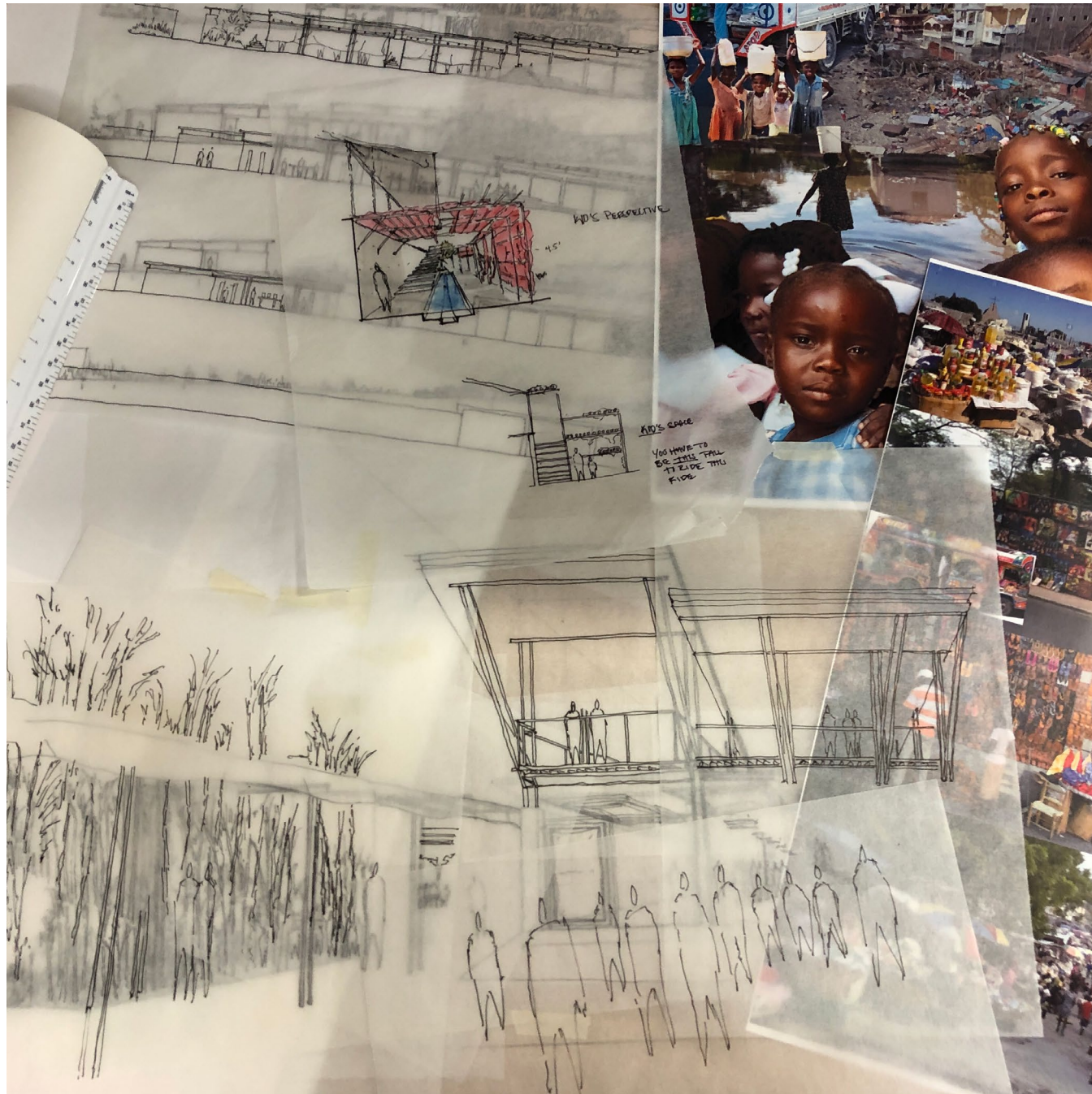




## ARCH 601 Urban Design and Design Centre

Bridging the Gap Studio brings together students and faculty from University of Maryland and Al Nahrain University for a design collaboration sponsored by the UMD Global Classrooms Initiative and Gensler. Students work on a series of projects in each other's capital cities, Washington, D.C. and Baghdad. Earlier in the semester, students exchanged site information about K Street and the Karrada District. The UMD students researched Baghdad's history, climate, planning, and architecture. At this final review, UMD student teams will present Urban Design proposals for the Karrada District, then each student will discuss site selection and present a proposal for a Design Centre for the district. The program includes space for lectures and exhibitions, work space, library, cafe and gallery spaces that engage the public, and associated outdoor space. The focus is on the impact of the city on the building and how architecture affects the urban public realm.





## ARCH 408 Serious Play: Dreaming While Woke

The Public Impact Design Studio, explores Haitian culture and sustainable design in a developing country.

Léogâne, a port town located about 18 mi west of the Haitian capital, Port-au-Prince was at the epicenter of the 2010 earthquake in which 80-90% of buildings were damaged. Nine years later much work remains. In 2018, Léogâne's mayor and 13 members of the Léogâne council shared their dream with *Roots: Home & Abroad* student leaders to create:

*A Place for... Our Youth to play, to gather, to learn, and be safe.*

*A Place where... Adults can learn to read, to exchange ideas, and to start businesses.*

*A Home to... Celebrate & Rebuild Together*

Shaped by questions, informed by research, propelled by imagination, playfulness and passion this studio sought to provide design ideas to advance this dream.









SCHOOL OF  
ARCHITECTURE,  
PLANNING & PRESERVATION

Maryland's Built Environment School