

VORTEX 05 2016

THE URBAN IN-BETWEEN

School of Architecture. University of Virginia

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The inclusive Urbanism

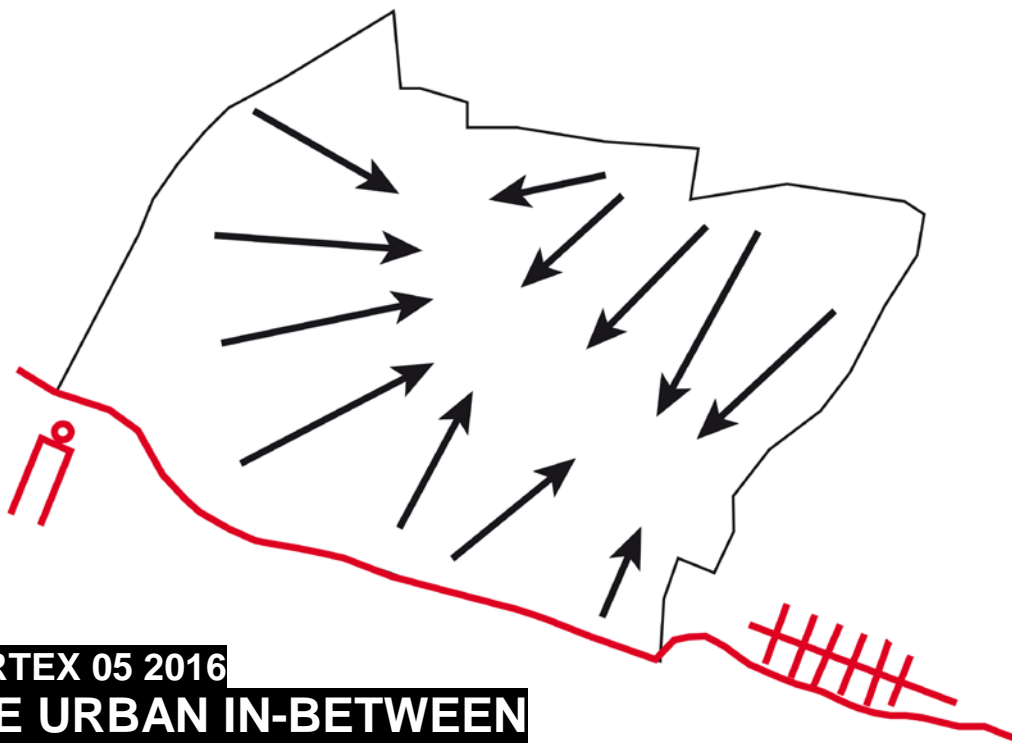
ALL-SCHOOL WORKSHOP

School of Architecture. University of Virginia

January 19– January 24, 2016

HRVOJE NJIRIC

Guest Leader and Jaquelin T. Robertson Visiting Professor



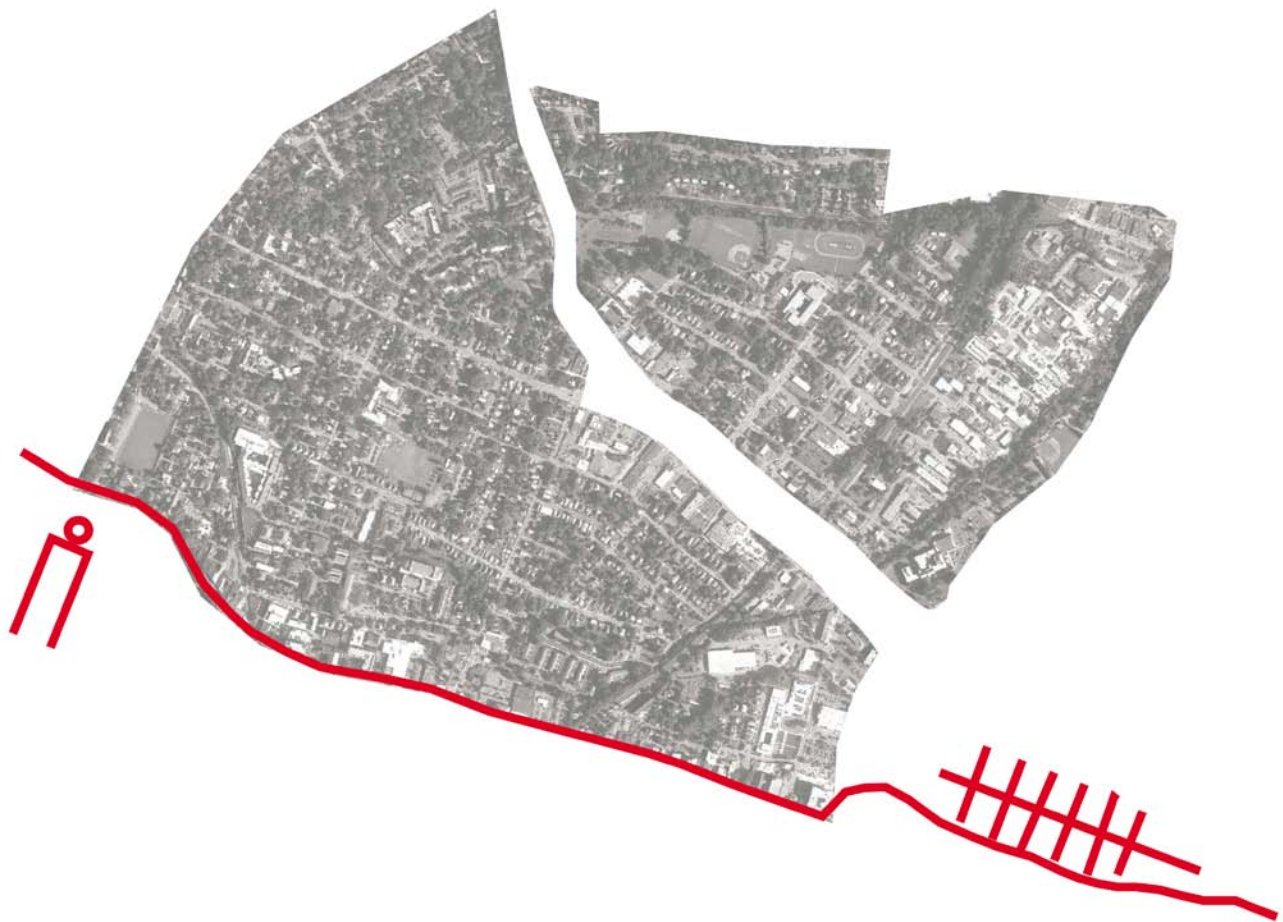
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01. Overview

VORTEX. 1. A mass of wind or water that spins quickly and pulls things into its center. 2. [usually singular] written. a situation that has a powerful effect on people's lives and that influences their behavior, even if they do not want it to. [+ of] the vortex of emotions surrounding the case. Longman. Dictionary of Contemporary English.

Vortex 5: Inclusive Urbanism

Preston Avenue is our antagonist to be challenged by multiple interventions at multiple sites that (re) integrate diverse residential, industrial, institutional, commercial and ecological contexts along its length.

This Vortex can be our most meaningful and committed workshop that produces results relevant to the community where we live, work, and learn. Last year's Residential Colleges Vortex on Ivy Road is changing the University's understanding of residential culture and the well-being of students. Can this year's Vortex focus local attention on a more inclusive urbanism?

Preston Avenue has become an urban wall--the spatial manifestation of racial and social segregation intertwined with misguided implementations of urban reform and transportation planning. Developed as a connecting ridge, Preston Avenue today is a wide road that bisects and cuts into and interrupts the urban fabric of streets and housing that still exist both north and south of this wide road.

Preston Avenue at its east end is one of the African-American population's most painful urban scars: the trench that urban renewal of the 1960s created by ripping through the continuous fabric of well-established neighborhoods near Charlottesville's downtown. And farther west toward the University, Preston Avenue at its intersection with 10th Street and Grady Avenue is the manifestation of an aborted and misguided transportation plan that destroyed more urban form, street patterns, residences, and businesses, further disconnecting neighborhoods from family, friends, parkland, and essential goods and services.

Can this Vortex imagine an inclusive, urban, and connective space rather than a trench? What can be done with urban form, with architecture, with public space, with street connections, and mobility? Can the natural and cultural histories of this place inform and help envision another chapter? Can new interventions redeem any of the 1960's and 1970's intentions for urban renewal and connectivity? How can we create Urbanity in this place?

Vortex Background

This is the fifth edition of The Vortex, an ambitious experiment in an all-school design workshop involving the University of Virginia School of Architecture through its four departments: Architecture, Landscape Architecture, Urban and Environmental Planning, and Architectural History. The Vortex is a much-anticipated annual event, unique among American schools of design. The 2016 Vortex brings together the University and the Charlottesville community to explore timely design issues that are both place and topic specific. As a collaborative and interdisciplinary activity, nearly 300 students from the second year undergraduate to the graduate level are involved in thirty interdisciplinary teams. Public officials and community leaders inform and participate in reviewing the work of the teams as part of the process. Alumni and local design practitioners also share their experience with critiques of student work and participate in the public presentations and critiques. The Vortex has two goals: to engage students and faculty in the experience of working together in a design team to change and improve the physical environment without disciplinary boundaries; and to engage with the place where we live while developing a critical approach that refuses to accept the “status quo” of ideas and spaces that may have other potentials.

Each year’s Vortex leader is the Jaquelin T. Robertson Professor, an international guest critic who adds a new voice to the University from the international design community. Through the Department of Architecture, the Robertson Professor works with the entire school, meets with the teams throughout the entire week, and presents public lectures to inform the work of the Vortex.

Vortex 5 review some of the issues considered in the Vortex1 theme of Charlottesville’s urban relationships and connections in the core of the city by focusing on the Preston Avenue corridor and its connections and adjacencies. Vortex 1 in 2012, led by Eduardo Arroyo (architect/No.MAD, Madrid) focused on the Belmont Bridge replacement and addressed the connectivity and divisions associated with the railroad bridge and the need for pedestrian and vehicular crossings. The 2013 Vortex 2, led by Adriaan Geuze (landscape architect and urban designer/West 8, Rotterdam) explored the potentials of transforming the city’s eastern boundary of the Rivanna River. In 2014, Xaverr de Geyter led the Vortex 3 exploration of the phenomena of the U.S. 29 strip and sprawl beyond the city. Vortex 4 led by Architect Sylvia Karres (The Netherlands) advocated that the University embrace the Ivy Road landscape as a place to explore concepts for a new type of academical village at the city’s and the University’s western edges. Vortex 5 will examine the connections and divisions that exist in the city core in the Preston Avenue vicinity and explore the multiple opportunities that exist for innovations, inventions, and interventions with the potential to connect and infill to create an urban condition for this area of the city. Books have been produced for Vortex 1 and Vortex 4. Books on the 2nd and 3rd Vortex are in process and the Vortex 5 book will be produced in Spring 2016.

JAQUELIN T. ROBERTSON PROFESSOR: HRVOJE NIJIRIC

Hrvoje Nijiric will lead the 2016 Vortex workshop and act as an all-school critic during the weeklong Vortex. He will advise all teams on their designs and agendas with a specific schedule of team meetings, and will present a public lecture of his work on Tuesday January 19, 6:00 pm in 153 Campbell Hall.

Hrvoje Nijiric (Zagreb 1960) studied architecture at the School of Architecture, University of Zagreb (1979-1986). Together with Helena Nijiric he founded the Zagreb-based njiric+njiric arhitekti in 1990, and since 2001 he has been the principal of njiric + arhitekti (also in Zagreb). He has been visiting professor in several schools including TU Graz (1998-1999), AF Ljubljana (2000 and 2010), Ferrara (2000), Aarhus (2005), Trieste (2006), GAF Split (from 2007) and ESTSAM Madrid (from 2008). From 2000 to 2005 he was also professor and head of the Institute for Architecture Typologies and Housing at the Technische Universität Graz . He has been visiting critic and has been given lectures at various universities around the world. As well as participating in several group exhibitions, his solo shows include Kalvarienguertel (deSingel, Antwerp 2001) and Mogu sto hocu (Zagreb 2001).

Experienced in innovative typologies design, as well as in design education, Hrvoje has been described as teaching the spatial articulation of the quotidian, in opposition to autistic, elitist and hermetic thought and practice in architecture. His work has been published in important architectural publications such as El Croquis. Among his notable projects are: Baumaxx Hypermarket (with Helena Njirić), Maribor, 1999; McDonald's Drive-In (with Helena Njirić), Maribor, 2000; Gračani Housing, Zagreb, 2007; Rural Mat (with Helena Sterpin), Zagreb, 2008 and kindergarten MB“ (with Davor Bušnja), Zagreb, 2008.

VORTEX 5

In our Charlottesville community, Preston Avenue lies in-between—not just in between Downtown and the University—but also in between the avenue’s industrial past and the transformational changes that are likely to occur over the next decades. It is also in-between socially and economically as the city’s traditional racial and educational separations and taboos change and new preferences and patterns for urban living continue to emerge and develop. It has experienced large-scale, public sector, urban interventions in the past but it is likely that future actions are more likely to occur because of smaller, site-specific private sector developments.

THE URBAN CONDITION

In comparison to the city’s Main Street, Preston Avenue has a “back yard condition.” Railroad tracks (used today for the increasingly popular Amtrak route but developed historically for the Southern Railway) bisect Preston Avenue into east and west sectors, and the reconfigured but aborted urban traffic pattern at the Grady, and 10th Street intersections that were intended to connect the city’s major corridors now confuse motorists and cyclists and obstructs pedestrians. Not the center of the city spatially, culturally, or economically, Preston Avenue developed to connect and support industries dependent on truck traffic, and as a result, is a commercial center without urban amenities and civic life.

Preston Avenue has been in transition for several decades, transforming from an automotive and industrial service boulevard to its current role as a newly discovered place for innovation, entrepreneurship, and entertainment. Once home to a major lumber business, commercial bakery, laundry, soft drink bottling works, and dairy—all of which depended on almost constant delivery and industrial truck traffic—Preston Avenue gradually became more of a social service delivery center with Region X providing mental health services, Legal Aid and Justice Center offering legal assistance, and the Crossings offering a supportive residential community to combat homelessness. At the same time a number of smaller independent retail, service and hospitality businesses have located on Preston Avenue and on the streets perpendicular to it. Although it is a place with multiple civic responsibilities related to health and social justice issues, it is devoid of the type of civic character that is meaningful today. It provides vehicular access to parts of the city but it is full of barriers—both physical and socio-economic.

SEPARATIONS AND DIVISIONS

A vehicular spine, Preston Avenue lies between several of the city's residential neighborhoods and creates a major pedestrian barrier that often divides traditional kinship and friendship groups from each other. Preston Avenue also separates residents from nearby retail and service establishments as well as the historically African American Washington Park, the area's major outdoor recreational open space with swimming, tennis, and other facilities. The Rose Hill and the 10th and Page neighborhoods are north and south of Preston Avenue and the Downtown and Rugby Road/Venable neighborhoods lie at its east and west ends. Residences north and south of Preston Avenue were traditionally home to African American householders as well as rental tenants who worked in support and service industries associated with the University, private families and businesses, and the railroad although there were a number of white industrial workers who rented newly constructed houses at the northern end of the neighborhood in the decades prior to World War II. Charlottesville's first public housing project, Westhaven, is located several blocks south of Preston Avenue in the 10th and Page neighborhood. University faculty, staff and students historically occupied most of the residences, apartment buildings, boarding houses, or fraternity houses that developed west of Preston Avenue, while the many of the city's business owners, retail merchants, and professionals lived on the downtown streets north of Main Street.

TRANSFORMATIONS

Today as a result of several decades of changing housing trends and socio-economic transitions both locally and nationally, the residential composition of these adjacent neighborhoods are shifting away from the kind of entrenched residential segregation that characterized Charlottesville neighborhoods for most of the twentieth-century. Neighborhoods are becoming racially, educationally, and economically more diverse, and new studies indicate concern about the lack of available housing at all price points in the city, but especially at the highest and lowest income levels.

The Preston Avenue vicinity is being re-discovered as a place for innovation with twenty-first century uses such as breweries, biotech companies, and food-related businesses locating or expanding in this area. In a way, it is a re-industrializing area with new companies locating in the area's historic buildings that have been rehabilitated with the use of historic preservation tax credits. Preston Avenue and its vicinity have other large parcels of land—some of which might be expected to redevelop in the future as interest in this area grows. As the area changes, there are fewer and fewer employment opportunities for workers without college degrees as well as fewer businesses that offer services or sales that would be affordable enough or meet the needs of the long-term residents who live immediately north and south of Preston Avenue.

02. Design Brief

VORTEX CHALLENGES. THE URBAN IN-BETWEEN

"The modern city can turn people outward, not inward; rather than wholeness, the city can give them the experience of otherness. The power of the city to reorient people in this way lies in its diversity; in the presence of difference people have at least the possibility to step outside themselves".

Richard Sennet, *The Conscience of the Eye*

"To transform what is common into something that is special and what is special into something that is common and random".

Manuel de Sola-Morales, *The Matter of Things*

Each Vortex team will identify, research, analyze, design, and plan for the urban core—middle of the city—to seek ways to establish urbanity and to address critical socio-economic, transportation, environmental and other issues.

FACULTY CHOICE. AN OPEN VORTEX

This year the faculty team leaders will choose sites and topics related to Preston Avenue and its connectivity and urbanity. Several topics are suggested, but each faculty team leader has the final choice of site and topic that addresses an urban condition in Preston. Each team will study and propose a general strategy for Preston Avenue and choose a specific topic and site related to the area and the suggested topics. This year the Vortex will not be split in different team types. Each team project is expected to include elements not only of design but also of research and to address planning and transportation issues that are specific to their site as well as to the Preston vicinity.

SUGGESTED VORTEX 05 TEAM TOPICS

The main topic of this Vortex is how to create the urban condition for the Preston Avenue Vicinity. Sub-themes and topics that may contribute to the development of urbanity and social interaction are suggested below as points of departure for team's to consider in identifying a specific topic.

CENTERS, CROSSINGS, AND CONNECTIVITY

Iñaki Alday calls Preston Avenue "a trench" of urban segregation." Vortex teams might consider what types of separations and barriers are dividing, fragmenting, and compartmentalizing our city? What are the necessary interventions to connect the city north and south as well as east and west? Is Virginia's legacy of legally enforced and culturally supported racial segregation still apparent? What are the relationships between physical and socio-economic divisions?

POST-INDUSTRIAL DEVELOPMENT

The Preston Avenue vicinity, which was a major place of employment historically, has many large parcels that are likely to redevelop. These include the city's own city yard and former gas works as well as a low-scale, in-town shopping center, and a grouping of one-story attached retail structures that are currently listed for sale. How could these large parcels redevelop? Can they become mixed use, live/work communities? What else can occur? Is the current city vision and regulatory structure of the City of Charlottesville supportive of your team's vision? What changes could the city consider?

URBAN ACUPUNCTURE

Are there very small, potentially transformative, or restorative places where active or passive park spaces, ecological actions, public art, community engagement, and/or cultural/aesthetic/or historic interpretations could occur? Are there needs for casual and locally oriented gathering places? How might they occur responsibly and safely within the urban framework and promote the transition to the city's goal of a complete street network? How can places become accessible from within their neighborhoods and not be separated from their surroundings? Are there places that could support local start-up businesses that cannot afford urban rent scales? Are there possibilities to re-engage with Schenk's Branch and to reveal its presence as part of the ecology of this area?

HEALTH, SAFETY, AND FOOD CHOICES

Preston Avenue is already a place with well-established organizations that address health and social justice issues in our community but it is a divided vehicular corridor that does not provide a restorative environment for the many people who use these services. Region X addresses mental health needs, Legal Aid and Justice Center provides legal services for low income individuals, the Crossings provides supportive residential housing for those who would otherwise be homeless. There are also a number of medical offices located on or near Preston Avenue. Where are there affordable, accessible, and available choices for healthy food in this vicinity? What are the supports and barriers to healthy lives in this vicinity? Washington Park was developed in the racially segregated era as one of the city's parks for African Americans? What is its role in the vicinity today? How accessible is it? Can families with children travel safely to and from the park? What assists a pedestrian who is not familiar with the area in way finding? Are there adequate safety features in place? What innovations and interventions can further support essential services and facilities? What else might be needed?

SUGGESTED VORTEX 05 QUESTIONS**Urban Context**

1. How can we design for Urbanity in support of civic life?
2. What could create identity and made this a place?
3. Can there be new public realms and increased opportunities for informal social interactions in daily life?
4. What will organize the middle and reduce physical, social, and economic barriers?
5. What is the glue that will reconnect the middle of the city?
6. What will make the middle more cohesive and create civic engagement?
7. How can new interventions assist in making lives healthier, happier, and more sustainable?
8. How can this area support healthy living and safe routes to health services, parks, groceries, places of employment, and other destinations?
9. Can this area rely on investments of social capital as well as venture capital?

Who is There?

10. Who lives, works, and visits the Preston vicinity? Who is not there? Who is nearby? What can you find out about the needs/desires of all?
11. Why do people come here? What is the reason for living, visiting, or shopping in the area? What times of day is the area most active? What about other times?
12. Private development and re-development are demand driven and based upon a reasonable expectation that a developer or investor is willing to provide funding.
What types of uses have recently been finding a home in the Preston vicinity (both retail and other commercial/industrial)? How do those uses differ from years past, and what types of users are likely to want to locate in the corridor in the future?

Is Preston Avenue a Corridor or a Street?

13. Is Preston a corridor or a street? What should it be? What will best meet the needs of the community?
14. The last decade has seen the rise of additional pedestrian and even nightlife along Preston, with the opening of Shenandoah Joe's, Three Notched Brewery, McGrady's Pub, Kardinal Hall and the continued popularity of Bodo's, Sticks, Integral Yoga, and Reid's. In what ways do the attributes and design of Preston Avenue support or discourage this growing urbanity? Should further urbanization of this corridor be a goal of the City and, if so, what revisions could be made to the design of Preston to support this goal?
15. Does Preston Avenue's current configuration support the growing urbanity of its uses?
16. How can this be more than a wide street and a collection of buildings?
17. What should be the scale of this street and its edges?
18. How does this street connect downtown? The University? West Main? Barracks Road? McIntire/John Warner Parkway?
19. How does it divide and separate traditional residential neighborhoods?
20. Could the large right-of-way around Preston Avenue with its unusually wide center median be reconfigured to allow greater bicycle and pedestrian access?
21. What about cyclists? Is this area accessible for the variety of users who depend on its services?

Continuity and Change

22. What has stayed the same over time?
23. What do you think will change? What would you like to see change?
24. What do recent changes mean for Preston Avenue, for nearby neighborhoods, for the City, for the University?
25. What additional opportunities exist for reuse and redevelopment?
26. Where/What should that be? What form will it take?

Industry and Jobs

27. What are the employment and other opportunities for those who can take advantage of a walkable and transit-supported street?
28. What type of small business could create new social and economic opportunities and strength the community? Are there innovative ways to support them and sure their success?
29. How can this area adapt and re-invent its industrial character to provide the jobs that are so critical to those who live in and near the middle?
30. For private development, the underlying economics of land prices, construction costs, and rent levels will dictate uses and development feasibility to a large degree. Except for the long-established industrial sites on Harris Street adjacent to Preston Avenue, a new industrial user probably would not be able to afford to locate in this area. With this economic constraint in mind, what are the most likely scenarios and future uses in the Preston vicinity?
31. Could the available larger spaces support development of high-tech and research-oriented businesses as these spaces become available?
32. Can Preston Avenue be more than a collection of unrelated buildings that accommodate specific businesses and services?

Live/Work/Eat/Drink/Play

33. Could more people live on Preston? Where? Who would want to live there? What types of innovative or live/work housing could develop there?
34. The Crossings is the only residential use located directly on Preston Avenue. The other residential uses closest to Preston Avenue are primarily single-family, detached residences. What do you predict as the future for this type of housing and what pressures may influence the existing housing stock? Is there a market for multi-family buildings? Who would live in new multi-family residences along Preston? What characteristics and what types of community aspects should be available?
35. What conditions (for example, pedestrian or cyclist safety, traffic congestion, crime, incompatible adjacency of uses) exist that adversely affect the health, safety or welfare of those that live/work along or near this corridor? What changes might be made to address these issues?"
36. How could this vicinity support the growing blur between life and work and study? Should it?
37. Who uses Washington Park? How do they get there? How has this changed? Can it meet modern needs and represent its significant role as a place of memory?
38. How does Preston Avenue take advantage of its interconnections with a multi-modal transportation network? What improvements/innovations are needed to do that?

Socio/Economic Difference

39. Can people who need legal and mental health services co-exist in a brewery culture?
40. What will be the effect of the very evident differences between the haves and the have nots in this area?

Governmental Roles

41. How do local governments—both city and county—support, enhance and take advantage of the opportunities provided by Preston Avenue?
42. The existing zoning on Preston Avenue will have a major impact on its future.
Within that context, what are some likely scenarios that will arise? Why hasn't anyone taken advantage of the density in this area yet? Where and what form could this take? What zoning changes could be necessary?
43. Federal and state historic preservation tax credits are making the renovation of the King Lumber Building feasible. Are there other places for historic preservation to occur elsewhere in the Preston corridor and vicinity?
44. What other economic incentives or interventions might work in this area?
45. Do the City's existing Entrance Corridor Guidelines provide the right guidance for Preston Avenue?

SUGGESTED Programs

There are many possibilities for specific programs a few are suggested below. Please feel free to develop your own program.

1. Placement of new and innovative programs
2. Articulation of climatic parks
3. Creation of other specific use parks
4. Enhancement of biodiversity
5. Finding and enabling self-regulating systems
6. Recognition of ad-hoc pockets
7. Creation of EDU-wall
8. Articulation of air-borne complementaries
9. Synthesizing of autocatalytic sets
10. Discovery of unstable areas
11. Enhancement of grey-zones
12. Tactics to moderate the racial gap
13. Definition of laissez-faire zones
14. Interpretation as a staged venue (new tradition?)
15. Consolidation of traffic

16. Innovative parking modes and their placement
17. Creation of various utopian assets
18. Spotting the hybrid spots
19. Finding / proclaiming of designer-free zones
20. Introduction of sustainable issues for buildings
21. Introduction of sustainable issues for territory
22. Implementation of water-related issues
23. Insertion of commercial strips / Recognition of profit-making zones
24. Elaborating the menu of diversified open public spaces
25. Short term vs long term occupation of territory
26. Articulation of the catalogue of innovative housing schemes and its collocation (for students, academic staff, general public)
27. Articulation of the catalogue of innovative educational facilities and its collocation
28. Recognition of subtraction zones (demolition areas)
29. Mapping of the upgrading areas (retrofitting)

03.WORKSHOP STRUCTURE AND DELIVERABLES

WORKSHOP STRUCTURE AND ENROLLMENT

STUDENT / FACULTY TEAMS

The workshop will be composed of 23 interdisciplinary teams. The team roster will be sent by email. Each team will contain approximately 14 students of different levels and disciplines. Experienced students will be designated to take leadership roles in coordinating the teams' work and to demonstrate and build experience in a lead design/planning role.

FACULTY

Faculty from all School of Architecture departments are invited to participate and to coordinate one team, facilitate the meaningful engagement of all students on that team, and ensure full collaboration within all of the disciplines and levels of the team. The Vortex will be the main focus for the first week of the semester for each participating studio instructor and their enrolled students. For the departments of Architecture and Landscape Architecture, each studio instructor commits his/her studio's participation, and the Vortex is the semester's first assignment for each participating studio. Faculty may choose to collaborate with other teams according to their available time, talents, and wishes. Faculty may also choose to join two or groups to work on an expanded or complementary project.

STUDENTS ENROLLED IN STUDIOS

Each student is responsible for providing his/her studio instructor with a Vortex participation form (see Appendix) signed by his/her Vortex team faculty coordinator.

Non-studio students

Non-studio students are encouraged to participate and may enroll for one (1 credit hour) with the approval of the Vortex directors and their own departmental chairs. It is expected that non-studio students, including planning and architectural history students, will be given equal opportunities to participate and to contribute their experience in analyzing conditions, developing planning strategies, and considering historic designs and community growth patterns over time.

RULES OF THE VORTEX

REQUIRED STUDENT TIME COMMITMENT

Students enrolled in a studio are expected to be present in studio and working on Vortex during studio hours, 2-6 pm Monday, Wednesday and Friday, and to contribute no fewer than 15 additional hours of work to the team project. Students should expect that their non-studio courses will meet during the first week of class although some faculty may choose to reduce the amount of work/reading during the first week, but class attendance is required and students are expected to meet the requirements and expectations of all other instructors during the Vortex.

REQUIRED STUDENT ATTENDANCE

All A-School students whose studios are participating in Vortex are expected to participate in a school walk of the Preston Avenue vicinity on the morning of Tuesday January 19 at 10 am and to be present that same afternoon for the Vortex kickoff at 2:00 p.m. Please note that this is the day before the official start of the semester. Working an extra week on a paid or unpaid externship is not an excuse for missing the first week of the semester. All participating students are required to attend the Vortex public presentation on Tuesday, January 19, at 6:00 p.m.

FIRST YEAR STUDENTS

All first year undergrads are invited to attend the Vortex lectures and workshops when possible given their class schedules. First years have the option to "shadow" one of the teams after receiving the permission of the team's faculty coordinator.

FIRST PARTIAL REIMBURSEMENT FOR MATERIALS

All teams are eligible for a partial materials reimbursement that cannot exceed \$150 and must be supported by an itemized printed receipt. All requests must be submitted by March 1. Each team will identify a member who will collect, submit, and receive the reimbursable amount in his/her printing account and who will then be responsible for any other team member reimbursements.

This means that only one student from each team is authorized to submit a request for reimbursement for the entire team. The reimbursement will only be made to a printing account. There can be no cash reimbursements. For the student submitting the request: You are obligated and honor bound to reimburse the appropriate team members for actual expenses and to divide the reimbursement in an equitable manner. It is up to you, as the recipient of the School printing credit, to work out the manner in which you will make the individual disbursements to the other team members.

Please submit your request by 2/16/2015. You will need to make your request to Chrissie Holt-Hull who is copied above. You must provide Chrissie with your team number and your student email ID.

COMMUNITY, UNIVERSITY, AND PROFESSIONAL PARTNERS

Other University faculty and staff, alumni, city officials, and community residents and business or property owners maybe involved as resource people during the Vortex. They may be available by appointment to meet with student teams upon request during the Vortex week to provide information and feedback, and they will be invited to participate in the public presentations and the public award decision at the Carver Center.

VORTEX COORDINATORS

Manuel Bailo Esteve, Department of Architecture, and Genevieve Keller, Department of Architectural History, are coordinating Vortex 2016.

PHYSICAL DELIVERABLES

All teams will produce a board and a model.

THE BOARD

Each team will prepare a board. The design presentation is limited to one mounted vertical 36"x48"board. The board should include site plan, 1"=2000' plan, sections, urban framework and concept diagrams, aerial/axonometric view, and perspective views. A short, written description of your concept (maximum of 300 words) should also be included on the board. Please identify your board with a project title and your team number. Each Team is responsible for mounting its board before the deadline. There are no pin-up walls at the Carver Recreation Center. Easels will be provided at the Carver Center.

THE MODEL

Each team will present a physical model at the scale of 1= 500 geographical scale. The models need to be sturdy and portable so that they can be transported to the Carver Recreation Center near downtown Charlottesville for the public presentations and then to City Space on the Downtown Mall where they will be on exhibition for a month. If two or more teams choose to join in a collaborative or complementary effort, they may produce the same number of models as if they were working separately, but the model dimensions may not increase.

DIGITAL DELIVERABLES

Each team will be required to submit the following digital files to the final submission folders by the specified deadline. Please follow the specified naming convention.

1. High Resolution PDF Board. (TEAM#_BOARD_HIRES.pdf)
2. Web Resolution JPG Board – 10MB max TEAM#_BOARD_LORES.jpg)
3. InDesign Package of Final Board (TEAM#_PRESENTATION)
3. High Resolution TIF Project Images (TEAM#_IMAGE_0#.tif)
4. Web Resolution JPG Project Images (TEAM#_IMAGE_0#.jpg)
5. EPS Vector Drawings (TEAM#_DRAWING_0#.eps)
6. JPG Web Drawings (TEAM#_DRAWING_0#. jpg)
7. InDesign Presentation Packaged Folder (TEAM#_PRESENTATION)
8. A short, written description max 150 words (TEAM#_STATEMENT.do)

SUBMISSION SCHEDULE

Submission Deadline: 8pm Saturday January 23

Public Event and Presentation: 11 am – 4:30 pm Sunday, January 24 at the Carver Recreation Center at Jefferson School City Center
(<http://www.jeffersoncitycenter.com/>).

SHOP SCHEDULE AND RULES

The Shop will be open to all teams at all times posted on the Shops door. The schedule will be posted early on Tuesday and will consist of some evening and Saturday times.

The Laser Cutters are open from 6am-midnight each day. Melissa Goldman reserves the right to impose team time limits at any time during the week. This may include deletion of time after an email notification.

Teams must use the Online Scheduler and use their TEAM NUMBER as the “title” for the reservation. If you do not, it will be deleted.

Laser Cutters are open to only these teams only during the following times:

Teams 1-8 Thursday 10am to 2pm

Teams 9-15 Thursday 2pm to 6pm

Teams 16-23 Friday 10am to 2pm

Teams 24-30 Friday 2pm to 6pm

All Teams Tuesday, Wednesday, and Saturday and every day before 10am and after 6pm

The 3D Printers are open 24 hours a day, first come, first served basis.

For the Dimensions, you must have a team member who has been trained in order to print.

For the Makerbots, you must have a team member who has had successful Makerbot experiences in order to check out a printer from the Shop. Only Melissa will decide if a student has gone through enough training to check out a Makerbot.

The CNC Routers will be available when the Shop is open. All MasterCAM files must be checked by Melissa or a Shop routing TA. You must have a team member who has been trained and successfully completed a route themselves in order to use the CNC routers. We will not teach MasterCAM or CNC Routing during the Vortex. CNC Routing is on a first come, first served basis.

Sewing Machines and Swiss Miss are available to be checked out from the Shop. You must have a team member who has experience with Swiss Miss before checking out.

AWARDS

At the Sunday January 24 public presentations, awards will be presented on the basis of particular contributions a project makes to our understanding of new modes of extending urbanity to the Preston Avenue vicinity and to enriching residential living and the public realm in an area that is one of the ways that the university community connects to and moves through the city. A Vortex Honor Certificate will be delivered to all members of the teams recognized for each award:

- _Hrvoje Nijiric Award
- _Faculty Award
- _Students' Award
- _Community Award

Judging will be comprised of confidential voting by the public, faculty, and students.

WEEK SCHEDULE**Tuesday January 19**

10:00 am All-School Walk of Preston Avenue vicinity; meet at Campbell Hall

2:00-3:30 Vortex Kickoff Culbreth Theatre

_Welcome

_Remarks

_Social Issues, Community Clients, Vortex Responders

_Community Issues and Opportunities

_Economic Development Challenges

_Frame the Problem/Review the Brief

_Call to Vortex

Introduction of Hrvoje Nijric

_Team meetings and coordination

All Teams

Teams will move to their designated studio locations to begin work and identify materials, resources, team folders, and final submission folders that have been loaded into the CLASSES folder:

VORTEX 2015

6:00 p.m. Lecture:

Hrvoje Nijric

7:30pm. Vortex Party in the Naug

Daily Schedules: Tuesday January 19 – Sunday January 25

Note: During the week, everyone is encouraged attend lectures or panel discussions on related topics. Teams are advised to send representatives to these panels and lectures. Teams will have "secured" time for all-team meetings during studio time.

Wednesday Jan 20

9 am to 12:30pm

12:30 – 1:30 pm (Campbell 153)

2 pm to 6pm

Desk Crits by Sing Up

Lunch Talk

Desk Crits Teams 1-11

Thursday Jan 21

9am to 12:30pm

12:30 – 1:30 pm (Campbell 153)

2pm to 6pm

Desk Crits by Sing Up

Lunch Talk

Desk Crits Teams 11-22

Friday January 22

9 am to 1pm

2 pm to 6pm

6 pm

Desk Crits by Sing Up

Desk Crits by Sing Up

Vortex Pizza

Saturday, January 23

9am to 1pm

2pm to 6pm

8pm Stop Work / Studio Walk-Around & Celebration All Materials Submitted *All Teams*

Dessert and Fruit Bar *All School*

Desk Crits by Sing Up

Desk Crits by Sing Up

Sunday January 24

9:00am – 11:00am:

11:00am – 1:30pm:

1:30pm – 2:30pm:

3:00pm – 4:00pm:

4:00 p.m.

5:00 p.m.

Carver Recreation Center, Jefferson School City Center

Move boards and models from Campbell to Carver

Public Team presentations

Break for voting

Critiques & Respondents

Awards/Recognitions Ceremony and Closing Event

Move boards and models to the City Space (Downtown Mall, level 2 of Market St Parking Garage)

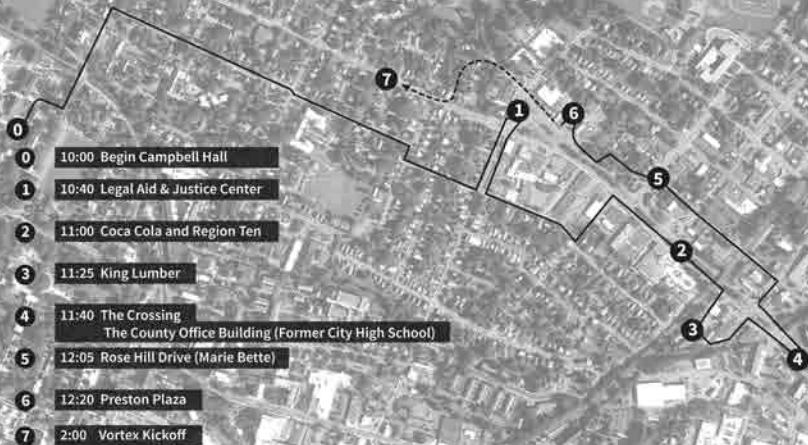
Vortex 2016 | Schedule & Team Desk Crit Times

	Tues 1.19	Wed 1.20	Thur 1.21	Fri 1.22	Sat 1.23	Sun 1.24
9:00 AM		Optional Desk Crits with Hrvoje Njiric sign-up 9:00 AM - 12:00 PM with Google form				9:00 AM setup @ Carver
	10:00 AM Site Walk Preston Ave					
12:30 - 1:30 PM		12:30 LUNCH TALKS				11:00 AM FINAL PRESENTATIONS
2:00 - 2:30 PM	2:00 PM	Team 1	Team 12	Optional Desk Crits with Hrvoje Njiric sign-up with Google form	FINAL WORKING DAY	
2:30 - 3:00 PM	VORTEX KICKOFF	Team 2	Team 13			
3:00 - 3:30 PM		Team 3	Team 14			
3:30 - 4:00 PM		Team 4	Team 15			3:00 - 4:00 PM Award Presentation
4:00 - 4:30 PM	ALL	Team 5	Team 16			
4:30 - 5:00 PM	TEAMS					
5:00 - 5:30 PM	MEET	Team 6	Team 17			
5:30 - 6:00 PM		Team 7	Team 18			5:00 PM
6:00 - 6:30 PM	6:00 PM	Team 8	Team 19			move boards & models to CitySpace
6:30 - 7:00 PM	Hrvoje Njiric Lecture	Team 9	Team 20			
7:00 - 7:30 PM		Team 10	Team 21			
7:30 - 8:00 PM	7:30 PM VORTEX PARTY Naug	Team 11	Team 22	Vortex Eve PIZZA	8:00 PM Stop Work	
8:00 PM		Hrvoje Njiric Desk Crits unscheduled vortex working time			Studio walk-around & celebration	

05. Maps

Vortex Walk

01.19.2016 at 10:00 AM



3rd Floor - Campbell Hall



	TEAM 1	TEAM 2	TEAM 3	TEAM 4	TEAM 5	TEAM 6
	Basset	Bonvehi	Carbone	Carr	Dripps	Gali Izard
1	Beard,Hilary	Brown,Elizabeth	Hendley,Kathryn	Herre,Caroline	jia,yu	Jia,Yu
2	Court, Elizabeth	Ghofranitabari,Andisheh	Grigoriou,Dimitra	Luria,Lindsey	Mutschlernielsen,Erica	Song, Zhilan
3	Coen,Amanda	Dmitri,Alexandra	Gao,Jingxian	Goodman,Amanda	Lloyd,Mary Elisabeth	McCall,Mary
4	Hutching, William	Andersen,Ashley Bridges	Figaro,Abigail Julie	Mullen,David Alexander	Han,Lizhe	Zhang,Fuhou
5	Glick, William Conley	Comiskey,Nina Herrick	Rew,Margaret Augusta	Brookover ,Joseph Allan	Mullen,David Alexander	Hewett,Taylor Gregory
6	Der,Eric	Johanesen,Karilyn	Blanco,Lemara Uyelovna	Akowuah,Adjoa Amanua	Blake,Meredith Renz	Demchenko,Artem
7	Adair,Jennifer Grace	Argoti,Isabel Geovanna	Bondesen,Christopher Aaron	Cai,Anna Lee	Chen,Anne Xiangyu	Dennis,Francesca Olivia
8	Adkins,Catherine Camille	Attar,Mohammad Ghassan	Brown,Rodman Parker	Castillo,Maria Cristina	Craddock,Marco Emilio Edoardo	Door,Angelica Marie
9	Ambreen,Hafsa	Han,Xi	Smith,Catherine Janice	Parent,Alexandra Nicole	DEJOIE NADIA,ISMAELIA N	Armstrong,Charis Elizabeth
10	Cathriner,Anne Amsler	Harrison,Joshua Tanner	Moore,Naomi Lancaster	Park,Deborah Min Whee	Vaughan,Malik Cantrell	Aul,Salvatrice Anna Grazia
11	Chen,Alex C	He Gu,Ana	Zhou,SiCheng	Yusif,Stephanie	Wilson,David Paul	Sigloh,Courtney Young
12	Furr,Mary Tabor	Parker, Taylor Renee	Zilla-Ba,Rose Diye	Zachman,Elizabeth Grace	Tucker,Michael Patrick	Sood,Arshaya
13	Heimberg, Calvin	Zhang,Sijia	Schaefer,Sarah Elizabeth	Salata,Katherine Lynn	Vennitti,Julia Mae	Soria Galvarro Duran,Carlos Andre

	TEAM 7	TEAM 8	TEAM 9	TEAM 10	TEAM 11	TEAM 12
	Hays	Jover	Jull	Kitchin	Mark	McDowell
1	Knuppel,Andrew	Krebs,Peter	Lang,Katie	Morris,Martha	Shen,Mingwei	Truong,Hung
2	Taylor,Edward	Turett,Cara	Scarnaty,Matt	Walter,Matthew	Zhao,Xiang	Abbas, Batul
3	Mcfadden,Lucy	Miller,Chad	Ryu,Donna Miso	Bliska III,Thomas Edward	Wenzel,Marilyn	Adams,Kathleen
4	Ruhl,Shannon	Averbeck,Anthony	Vanderhorst,Candice	Burghart,Benjamin Bigelow	Dennis,Tamara A.	Hsiaw,Jennifer
5	Shea,Andrew Thomas	Braccia-Beck,Spring	Alcott,Carey Christine	Chen,Di	Glor,Benjamin	Miller,Chad Michael
6	Dougherty,Caitlin Kelleigh	Salcedo,Seth	Griggs,Christina Nicole	Hameed,Fatin K	Holland,Laurence Henry Moses	Scarnaty,Matthew Joseph
7	Eck,Brandon Robert	Fullmer,Cameron Miers	Dinapoli,Benjamin William	Heile,Hannah Claire	Kacoutie,Yemi Marcelline Henriette	Kenyon,Jacqueline Martha
8	Barreto,Fiorella	Garritty,Aidan Martin	Duguay,Brittany Anne	Elliott,Emily Judith	Kaur,Harsheen	Kochuba,Christian Edward
9	Bauk,Christine Marie	Bobsin,Paula Ann	Price,Danielle Page	Erhabor,Eseosa Eloghosa	Keel II, Frank William	Gu,Biyuan
10	Bellamy,Makayla Ann	Calvillo,David Alan	Reis,David Brian	Feldman,Ethan Noel	Fernandez,Jerel J	Hatfield,Lydia Catherine
11	Schwartz,Jacqueline Nicole	Chesley,Ariel Helen	Kraska,Caroline Suzanne	Pantalony,Seth Nicholas	Garside,Eleanor Wilder	Kapp,Natalie Shaw
12	Shafik,Nicholas Anthony	Sasser,Sydney Maren	Johnson,Matthew Jay	Pittman,Marshall Thomas	Loi,Ka Weng	Kim,Hyejin
13	Shambaugh,Alexander George				Martin,Frances Holland	Lee,Hana

	TEAM 13	TEAM 14	TEAM 15	TEAM 16	TEAM 17	TEAM 18
	Menefee	Mondschein/Beatley	Pancorbo	Phinney	Ripple	Sherman
1	Veazey,Kelsey	Windom, Chandler	Walker,Austin	Russell,Peter	Shapiro,Juliana	Hanson, Zachary
2	Casstevens,Claire	Hu,Yaxian	Miller,Hallie	Scott,Benjamin	Vogel,Bryce	Yang,Xingyu
3	Getz,Scott	Edwards,Austin Lee	Qiu,Qiaoxia	Waite,Brian Richard	Cubillos-Torres,Ana Maria	Du,Yushan
4	Wilson,Dillon Cory	Friedman,Megan Camille	Kulesza,Elizabeth Ann	Xing,Yiwen	Jamasbi,Bahman	Green,William Edward Deierlein
5	Woldesellasie,Tensae Berhanu	Sidersky,Sam Harrison	Mauri,Tyler Woods	Wang,Hao	Rogers,Margaret Anne	Scott,Lauren Brooke
6	Darin,Nicholas James	Marino,Ashli Monika	Murphy,Justin George	Park,Sangyoon	Ruggiano,William Marc	Sinyard,Elizabeth Leigh
7	Levine,Scott Abraham	McBride,Yasmine	Nguyen,Linh Khanh	Perez Jr.,Luis Oscar	Ruggles,Zephaniah Robert	Spector,Jake Hunter
8	Long,Kaitlynn Ann	Moore,Emmitt Miles	Nieves,Richard Anthony	Restrepo,Jacqueline	Palmer,Juwan Anthony	Rist,McKenzie Dunne
9	Manock,Samantha Dillon	Kalainoff,Tatiana Lahera	Luo,Boning	Mesfin,Milka Mekonnen	Rashleigh,Gabrielle Marie	Ritchie,Renee Jeanette
10	Hernandez,Francisco	Ke,Maini	Macdonnell,Christopher Thomas	Wang,Yan	Wills,Leigh Grace	Russomanno,Sara Lauren
11	Hughes,Audrey Margaret	Li,Yijun	Mattinson,Sophie Marie	Cheng,Kenneth Y	Brown,Mariel Yi	Bracho-Sanchez,Rosvel David
12	Gupta,Rahul	Gomez Merino,Andrea	Crittenden,Melanie Gardiner	Chow,Kendra Michelle	Camejo,Emily	Brand,Melissa
13	Hall III,Robert Lee	Gritz,Joshua Adam	Do,Vy Le	Dorton,Elizabeth Jeanne	Castro-Villacorta,Oscar Saul	Bross,Emma Elizabeth

	TEAM 19	TEAM 20	TEAM 21	TEAM 22	TEAM 23
	Sieweke	Stein	Waldman	Wall	COMMUNICATION/CAI
1	Young,Isabella M	Vaz,Juliana	Harris,Luke	Walker,Bonnie	Mirza,Atthar
2	Yang,Xiaoyu	Yang,Sijia	Sullivan,Sean Brandon	Alfonso,Olivia Aaryn	Callahan,Emma
3	Huang,Meng	Ramakrishnan,Adarsh R	Ismail,Mohamed Abdelbagi	Orwat,Gregory F	Enkhbold,Jargalmaa
4	Weinstein,Owen Capen	Clements,Blue Kristen	Friedrich,Anna Sellers	Granados,Estephania Margarita	Shinton,Scott
5	Aronson,Joshua Kahn	Young,Christopher Byrne	Hadley-Goggin,Joshua Robert	Grotz,Stephen Lewis	Fong,Natalie
6	Voltaire,Chloe	Dan,Yunni	McGovern,Daniel Patrick	Motta Arias,Ana Gabriela	Graham,Katherine
7	Wang,Qintian	Wheless,Ryan Michael	Arin,Ekin	Simms,Cody Alexander	Chang,Phil
8	Sayers,Marissa Marie	Wu,Dixi	Salinas,Maribeth Ann	Wilson,Dana Elise	Miller,Phillip
9	Sheridan,Grace Lee	Zaccack,Nicole Remi	Chavez,Esteban	Flowers,Kyle Anthony	Hepler,Del
10	Simmons,John Howard	Wang,Manwei	Hatcher,John William	Winter,Zachary Ryan	Oo,Jasmine
11	Bigler,Katharina Lucie	Adams,Brandon Gregory	Nguyen,Nhi Caothien	Preciado Arias,Cristina del Carmen	von Barby,Oia
12	Birle,Eleanor Lucas	Ashcraft,Andrew Eric	Wang,Yicong	Slomski,Allison	Lindsey,Victoria
13	Bond,Caroline Evans	Bertone,Cristina Chiara	Bell,Le'Bryant Devonte'		

06. Forms to sign and submit

Student Travel Information Form:

Name:

Email:

Cell Phone:

Local Address & Phone:

Permanent Address & Phone:

Contacts in Case of Emergency:

Contact 1

Name :

Relationship:

Phone:

Email:

Contact 2

Name :

Relationship:

Phone:

Email:

Special Needs (medical conditions you would like us to know about, etc.):

UNIVERSITY OF VIRGINIA**SCHOOL OF ARCHITECTURE**CLASS _____
YEAR _____

SEMESTER –

INSTRUCTOR'S SIGNATURE _____

DATE _____

RELEASE OF LIABILITY

I, the undersigned University of Virginia student, will participate in a Vortex walk on January 19 from Campbell Hall to the Preston Avenue vicinity in the City of Charlottesville and may travel to various places on various other days during the Vortex. I recognize that the University does not control, or have the power to control, the operation of any vehicle to be used on these trips. I understand that the University and any of its employees, and other agents and their successors or assigns, will not be responsible for any harm that may occur in connection with these trips. Each person signing below signifies his/her understanding of the above, and hereby releases and covenants not to sue the University of Virginia, its employees and other agents and their successors and assigns from or with respect to any and all claims arising from any participation in these field trips, including, without limitation, travel, regardless of whether the claim is based on negligence or other grounds.

Further, I understand and agree that the University of Virginia, its employees, and the owners of houses and other buildings visited in these field trips shall not be responsible for any personal injury, property damage, or loss from any act or omission, negligent or otherwise, while visiting these buildings.

SIGNATURE

PRINT NAME

Vortex Certification Form

The School of Architecture policy is that students enrolled in a studio whose instructor is participating in the Vortex are committed to participation.

Participation is defined in the Vortex brief as being "present working on Vortex during studio hours, 2–6 pm Monday, Wednesday and Friday, and to contribute no fewer than 15 additional hours of work to the team project.

Please have your Vortex instructor sign below that you have met this standard of participation. Submit the signed document to your studio instructor no later than Friday 1/23/2015:

This certifies that _____
has satisfactorily completed the requirements for participation in the Vortex IV for 2015.

Vortex Team Faculty Advisor