ARCHITECTURE (GRADUATE FIELD)

Program Website (https://aap.cornell.edu/academics/architecture)

Field Description

The History of Architecture and Urban Development (HAUD) program at Cornell offers a doctor of philosophy (Ph.D.) and represents a sophisticated blend of interdisciplinary research and new scholarship. The program prepares students for a scholarly career in global architectural history conceived as a distinct and evolving discipline with a diverse range of topics and methodologies. HAUD students are able to engage in original research that advances and changes the discipline and impart that knowledge to undergraduate and graduate students. The structure and degree requirements of the program prepare students as erudite and independent scholars who can critically assess and contribute to the state of global and inclusive architectural history.

Applicants should have an undergraduate degree in architecture, archaeology, history, history of art, or anthropology, or appropriate experience in the field. Applicants may apply for the master's or doctoral programs in architectural history or urban development history. Applicants with previous graduate work can be considered for advanced standing. Master's degree candidates in the history of architecture or urban development programs are required to have reading proficiency in at least one modern language other than English; Ph.D. degree candidates must have proficiency in two languages other than English before beginning the second year of study.

Data and Statistics

- Research Master's Program Statistics (https://gradschool.cornell.edu/about/program-metrics-assessments-and-outcomes/research-masters-program-statistics/?SelectGradField=01)
- Doctoral Program Statistics (https://gradschool.cornell.edu/about/program-metrics-assessments-and-outcomes/doctoral-program-statistics/?SelectGradField=01)

Field Manual

- Manual (https://aap.cornell.edu/academics/architecture/graduate/haud/phd-haud-graduate-student-handbook)

Degree Programs

- History of Architecture and Urban Development (PhD) (https://catalog.cornell.edu/programs/history-architecture-urban-development-phd/)

Concentrations by Subject

History of Architecture and Urban Development

- history of architecture
- history of urban development

Faculty

Esra Akcan (http://aap.cornell.edu/people/esra-akcan)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** global history of architecture and cities; postcolonial and critical theory; social justice; multispecies migration; human and more-than-human rights;climate history; public housing; urban renewal; translation; reparations; Middle East; Central and Southeast Europe; Northeast Africa

Thomas J. Campanella (http://aap.cornell.edu/people/thomas-j-campanella)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** residential redevelopment, neighborhood change, gentrification, suburban development/redevelopment

Jose Manuel Castillo (http://aap.cornell.edu/people/jose-castillo)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science; *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** Architectural design, Architectural practice, Cities, Housing, Infrastructure, Urbanism, Food & cities, Housing, Urban design & planning

Lily H Chi (http://aap.cornell.edu/people/lily-chi?department=8)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development; *Design Technology:* matter design computation
- **Research Interests:** architectural design; theory and criticism; theories of architectural representation; history of architectural theory; seventeenth- and eighteenth-century France

David Nicholas Costanza (http://aap.cornell.edu/people/david-costanza)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science*: building technology and environmental science
- **Research Interests:** Building Materials; Building Construction; Building Structures; Embodied Energy, Digital Representation; Digital Fabrication; Geometry, Plastics

Mark R Cruvellier (http://aap.cornell.edu/people/mark-r-cruvellier?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science*: building technology and environmental science; computer graphics; *History of Architecture and Urban Development*: history of architecture; history of urban development
- **Research Interests:** building technology and environmental science; architectural science and design; structures -- tall buildings, bridges; computer visualization of structural behavior

Timur Kamil Dogan (http://aap.cornell.edu/people/timur-dogan?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** performance driven design workflows and metrics; design computation; urban an building level energy modeling; daylighting; building technology and env. science

John R Elliott (http://www.human.cornell.edu/people/jre15)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Sustainable interior design; sustainable product design; eco-design theory

Maria Gonzalez Pendas (http://aap.cornell.edu/people/mar-gonz-lez-pend-s)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** Architectural history; Architectural theory; History of sciences, and technology; Labor histories, building practices and material epistemologies; Modernity/coloniality, decolonial studies and architecture after empire; 20th century Iberia, Latin America and Colonial Africa; Mestizo modernities; Politics of religion and secularity; Global fascism; Critical theory and ideology critique; Architectural writing and historiography; Public and civically-engaged humanities and design.

Maria Goula (http://cals.cornell.edu/maria-goula)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Coastal resiliency, representations and design theories of coastal landscapes and waterfronts. Performance and dynamics of rural fallow landscapes. Design criticality of contemporary built landscape and architecture.

Marta H. Wisniewska (http://aap.cornell.edu/people/marta-h-wisniewska)

- **Campus:** Ithaca - (Divisional Member)
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Material Research: Innovative, regenerative and healthy materials for unique and context specific applications, Building Technology: promoting local resources and processes that maximize worker and end-user health while minimizing harmful impacts on the planet, Urban and Rural community-centered transformations in Emerging Territories.

Felix Korbinian Heisel (http://aap.cornell.edu/people/felix-heisel?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** the circular economy in the built environment; new design and construction methods for circular buildings; survey, assessment and activation of the urban mine; closed-loop material practices; and circular business models

Martin Hogue (http://cals.cornell.edu/martin-hogue)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** intersection between architecture, landscape and conceptual art; design representation; landscape, cities and film; site histories; camping, travel and tourism; fieldwork and field documentation methods.

Michael Nicholas Jefferson (http://aap.cornell.edu/people/michael-jefferson)

- **Campus:** Ithaca - (Divisional Member)
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Architectural typology, design methodology, shape grammars, systems of bias and influence present in design tools and methods

Saleh Kalantari (http://www.human.cornell.edu/people/sk3268)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Evidence-based Design; Virtual Reality; Wayfinding; Cognitive Agent Modeling; Spatial Cognition.

Pamela Karimi (http://aap.cornell.edu/people/pamela-karimi)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** Architectural history, Architectural theory, Collaborative practice, Ecological practice, Participatory and collaborative planning, Sustainability, Architecture and environmental issues, Gender equality and spatial justice, Post-industrial cities, Middle East and North African Studies, Iranian Studies

Katharina Maria Kral (http://aap.cornell.edu/people/katharina-kral)

- **Campus:** Ithaca - (Divisional Member)
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Residential architecture, advanced timber construction, health and well-being in buildings, holistic building performance evaluation including structural optimization and carbon footprint assessment.

D Medina Lasansky (http://aap.cornell.edu/people/d-medina-lasansky?department=8)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** Northern Mediterranean architecture and urbanism; nineteenth- and twentieth-century architecture; relationship between popular culture and architecture

Jesse W. LeCavalier (http://aap.cornell.edu/people/jesse-lecavalier)

- **Campus:** Ithaca
- **Concentrations:** *History of Architecture and Urban Development:* history of architecture; history of urban development
- **Research Interests:** Architecture and logistics, Urbanism and logistics, infrastructure, representation, research methodologies in architecture and urbanism

Leslie Lok (http://aap.cornell.edu/people/leslie-lok)

- **Campus:** Ithaca
- **Concentrations**: *Architectural Science*: building technology and environmental science
- **Research Interests:** architecture and urbanism, intersection of housing, urbanization and mass-customized construction methods, material practices

Farzin Lotfi-Jam (http://aap.cornell.edu/people/farzin-lotfi-jam)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* computer graphics
- **Research Interests:** Urban Technologies; Urbanism; Cities; Computation and New Media; Critical Spatial Practice

Martin Fields Miller (http://aap.cornell.edu/people/martin-miller)

- **Campus:** Ithaca - (Minor Member)
- **Concentrations:** *Architectural Science*: building technology and environmental science
- **Research Interests:** computational design, digital fabrication, emerging technologies and culture

Jennifer Newsom (http://www.dreamthecombine.com/)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** architectural design, architectural representation, contemporary architectural theory, Black spatial practices.

Caroline Ann O'Donnell (http://aap.cornell.edu/people/caroline-odonnell?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Ecological design; Non-linear materiality; Legibility/Perception

Peter Dwayne Robinson (http://aap.cornell.edu/people/peter-robinson)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Architecture; Urban design; Community Engagement; Participatory Design; Youth Engagement; Design Strategy; Urbanism

Jenny Sabin (http://aap.cornell.edu/people/jenny-sabin?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** architectural design and emerging technologies; architecture and science; advanced materials and fabrication; design computation; ecological design and architectural science; visualization

Andrea Lee Simitch (http://aap.cornell.edu/people/andrea-l-simitch?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** architectural design; urban design; visual studies

Val Kevin Warke (http://aap.cornell.edu/people/val-k-warke?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** architectural design; theory of architecture; urban design

Anne Loftin Weber (http://cals.cornell.edu/anne-weber)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science

J. Meejin Yoon (http://aap.cornell.edu/people/j-meejin-yoon)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Architectural design; Design technology

Sasa Zivkovic (http://aap.cornell.edu/people/sasa-zivkovic?department=8)

- **Campus:** Ithaca
- **Concentrations:** *Architectural Science:* building technology and environmental science
- **Research Interests:** Architecture, Design, Digital Fabrication, Robotic Fabrication, 3D Printing, Advanced Building Construction