



DCA International Conference 2021 | Vision 20 | 21: Perception to Execution
Wed. Oct 20, 2021 – Sat. Oct 23, 2021 | Schedule in US Eastern Time Zone

Summary

Day 01, Wednesday, October 20, 2021

- 2:00 PM **3 Workshops.** Mark O'Bryan: iPad Sketching, Lynn Craig: Urban Sketching, Matt Haffner & Liz Martin: Architectural Photography: The Pixel is the New Brick
- 4:30 PM Welcome. Opening. Host Committee/Organizers
Location: Design-II Auditorium or Zoom
- 6:00 PM **Keynote 01: Yazdani Studio of Cannon Design – Mehrdad Yazdani**
Reception & Hors D'oeuvres (Architecture Gallery)
-

Day 02, Thursday, October 21, 2021

- 8:30 - 9:00 AM Welcome. Conference Open - Coffee
- 9:00 - 10:15 AM Parallel Paper Sessions 1A, 1B, 1C. (11 papers)
- 10:15 - 10:30 AM Coffee Break
- 10:30 - 11:45 AM Parallel Paper Sessions 2A, 2B, 2C. (11 papers)
- 12:00 - 1:15 PM Parallel Paper Sessions 3A, 3B, 3C. (12 papers)
- 2:00 PM **3 Workshops:** Frank Ching: Freehand Drawing, Peili Wang: Water Color, Henry Sorenson: Digital Sketching
- 5:00 PM **Keynote 2: Dencity - Bryan Russell**
Location: M-100, Textiles Auditorium or Zoom
-

Day 03, Friday, October 22, 2021

- 8:30 - 9:00 Welcome. Conference Open - Coffee
 - 9:00 - 10:15 Parallel Paper Sessions 4A, 4B, 4C. (12 papers)
 - 10:15 - 10:30 Coffee Break
 - 10:30 - 11:45 Parallel Paper & Poster Sessions 5A, 5B, 5C. (6 papers + Poster Presentations)
 - 11:45 - 12:00 Coffee Break
 - 12:00 - 1:15 Parallel Paper Sessions 6A, 6B, 6C. (12 papers)
 - 1:15 - 2:30 Lunch. Business Meeting for Invited DCA officers and selected registered participants
 - 2:45 - 4:00 Parallel Paper Session 7A, 7B, 7C. (11papers)
 - 4:30 PM **Keynote 03: BIG | Bjarke Ingels Group – Kai-Uwe Bergmann**
Location: Design-II Auditorium or Zoom
 - 6:30 PM Conference Closing Dinner, Design Drawing Awards, Beginning Design, EAEA, DCA
Conference Announcements, and Acknowledgements
Location: Architecture Gallery
-

Full Schedule

Day 1

Wednesday, October 20, 2021 (US Eastern Time Zone)

Day 01, Wednesday, October 20, 2021



2:00 PM Zoom **3 Workshops** (signed-up participants only)
Mark O'Bryan: iPad Sketching
Lynn Craig: Urban Sketching
Matt Haffner & Liz Martin: Architectural Photography: The Pixel is the New Brick



4:30 PM **All Participants join in Zoom or Design-II Auditorium**
Face-to-face Participants Pick-up registration package at Design-II Auditorium
Welcome. Opening remarks and conference brief by Conference Chair and Host
Committee/Organizers

Keynote 01: Yazdani Studio of Cannon Design – Mehrdad Yazdani

Location: Design-II Auditorium or Zoom



The Yazdani Studio of Cannon Design is a laboratory for exploration and experimentation in architecture. Established upon the reputation and leadership of award-winning designer Mehrdad Yazdani, the studio leverages the best attributes of a small design studio with the resources and reach of our global practice. The studio includes a diverse team of architects, designers, 3-D artists, technical specialists, and creative thinkers entirely committed to pushing the boundaries of design—from refining concepts of sustainability to the application of radically new technologies and urban initiatives.



6:00 PM Reception & Hors D'oeuvres (Architecture Gallery)

Day 2

Thursday, October 21, 2021 *Paper Sessions 1A, 1B, 1C*
9:00 - 10:15 AM

1A

Paper Session 1A. Design Education: Perception and Execution

Moderator: Kathryn Bedette, Kennesaw State University, USA (kbedette@kennesaw.edu)

Collisions: On Projections, Creativity and Architecture in the Liquid Society
Alejandro Borges, Texas A&M University, USA.

Preconception in Process and Product: Conceptualizing Space from Artifacts
Kristin M. Barry, Ball State University, USA.

Perceptual Inquiries: Constructing a Precise, Anonymous and Enigmatic Means of Perceiving the World
Peter Goché, Iowa State University, USA.

Perception to Execution: Inheriting and Reconsidering the Known Object as a Means to Altering Preconceived Notions of Architectural Design
Sean Burns, Ball State University, USA.

1B

Paper Session 1B. Communication: Design Education

Moderator: Michel Mounayar, Ball State University (mmounaya@bsu.edu)

Clientele: An Exercise in Learning to Design for Others.
Adam Feld, The University of Louisiana at Lafayette, USA.

Evolving the Tradition. The introduction of digital technologies in a classically structured curriculum
Giuseppe Mazzone, University of Notre Dame, Indiana, USA

The Soul of the Sketch
Harry A. Eggink, Ball State University, USA.

Learning in the Lab: Examining the Design Communication Teaching Environment in a Digital Era
Tim Frank, and Selen Okcu, Kennesaw State University, USA.

1C

Paper Session 1C. Design: Parametric and Performative

Moderator: Anette Kreutzberg, The Royal Danish Academy of Fine Arts, Denmark
(anette.kreutzberg@kglakademi.dk)

One Stop Shop: Extended Reality for concurrent design and fabrication.
Dave Lee, Clemson University, USA.

Enhancing Architectural Possibilities via Coordinated Digital Models
Jeffrey Collins, Kennesaw State University, USA.

How digital tools are changing architecture education
Laurent Lescop, and Olivier Chanel. AAU-CRENAU Nantes, France. FAMU, Florida, USA.. France, USA.

Day 2

Thursday, October 21, 2021 **Paper Sessions 2A, 2B, 2C**
10:30 - 11:45 AM

2A

Paper Session 2A. Education: Beginning Design Strategies

Moderator: Arief Setiawan, Kennesaw State University, USA (asetiawa@kennesaw.edu)

[re] MAKE _ A Platform for the Beginning Design Student to Understand Iterative Process
Kate O'Connor, Marywood University, USA.

A Variation On Narrative Perception In Beginning Design
Margaret McManus, Savannah College of Art + Design, USA.

A pedagogical approach utilizing manual means for the expression of sonic fields
Selen Okcu, Kennesaw State University, USA.

Surrealist Games and Exotic Names: Collaborative, iterative, and generative exercises in drawing and making
Lohren Deeg, Taylor Metz, Richard Tursky, Ball State University, USA.

2B

Paper Session 2B. Media Convergence: Analog and Digital

Moderator: Sean Burns, Ball State University, USA. (sfburns@bsu.edu)

Sketching Artificial Lighting Design with Scale Models and VR
Anette Kreuzberg and Karina Mose. The Royal Danish Academy of Fine Arts, Denmark.

Craft Game-Based Responsive Architecture: A Game-Based Methodology for Designing Responsive Architectures
Farzaneh Oghazian and Felecia Davis. The Pennsylvania State University, USA.

Collage Frameworks Applied to "The Cabin in the Woods"
Mark O'Bryan, University of Kentucky, USA.

Both/And: Blending Analog and Digital Techniques in Design Communication
Tim Frank, Kennesaw State University, USA.

2C

Paper Session 2C. Tool: Digital Design

Moderator: Jeffery Collins, Kennesaw State University, USA. (jcoll133@kennesaw.edu)

Creating a new Drawing Tool
Nathan Howe, Kansas State University, USA.

Methodology framework for Digital Design Pedagogy: Comparative analysis of Architectural Studios
Quratulain Asghar and Syed Muhammad Zille Ali Naqvi, University of Engineering and Technology Lahore, and at Studio, Pakistan.

A Refuge for Refugees: An Architectural Intervention in the City of Clarkston
Arash Soleimani, Zamila Karimi, and Giovanni Loreto, Kennesaw State University, USA.

3A

Paper Session 3A. Drawing: Tool: Digital and Physical Design
Moderator: Steven Juroszek, Montana State University, USA (stevej@montana.edu)

Making: Rejuvenating the 'Physical' Design Tool
Mohaimen Islam, Bangladesh University of Engineering & Technology, Bangladesh.

Traditional Kathmandu Valley – A smart city by itself
Pranita Sharma Pandey, Kathmandu Engineering College, Nepal.

Stitching Details: Digitizing Textile Crafts for Architectural Designs
Virginia Ellyn Melnyk, Tongji University, China and Clemson University, USA.

3D Reconstruction Based on the Visual Structure of Chinese Hand-scroll Painting.
Yang Lu and Laurent Lescop., Hochschule Anhalt, and Ecole Centrale de Nantes, France.

3B

Paper Session 3B. Drawing: Perception and Execution
Moderator: Henry Sorenson, Montana State University, USA (henrys@montana.edu)

Freehand drawing in early architectural design process.
Adulsak "Otto" Chanyakorn, Kansas State University, USA.

Narrative in Architectural Renderings
Brock Terwilleger and Michael Chisamore, University of Memphis, USA.

Innovative Drawing for Empathy-Driven Design.
Donna Colebeck and Leslie Hankey, Kennesaw State University, USA.

Integrating Data Visualization Tools to Project Scheduling
Hussein Abaza and Ethel Milián, Kennesaw State University, USA.

3C

Paper Session 3C. Moving Images: Time Based Media in Design and Representation
Moderator: So-Yeon Yoon, Cornell University, USA (Sy492@cornell.edu)

Mech[Animal]Sitelessness (MAS) Alpha.
Ebrahim Poustinchi, Kent State University, USA.

A Primer on Architectural Alchemy: Collaging Disciplinarity in the Kaleidoscopic
Kory Beighle; University of Cincinnati, USA.

Actor's Spaces: Character and role immersion in the study of architecture
Michel Mounayar, Ball State University, USA.

Use of color and lighting in production design (film set design) to create an Ambience through Artificial Intelligence
Sivakumar Vijayan, Seedroot Design and Technology, India.

Workshop

2:00 PM Zoom 3 Workshops: Frank Ching: Freehand Drawing,
Peili Wang: Water Color,
Henry Sorenson: Digital Sketching

5:00 PM

Keynote 2:

Density - Bryan Russell
Location M-100 Textiles Auditorium or Zoom

Keynote



Bryan Russell founded Dencity in 2000 in Atlanta to fulfill his desire to design modern residential architecture. Bryan Russell believes that design, no matter the scale, is inherently equal, and of the pure beauty in how the details come together to create the whole. The design team at Dencity are invested through the life of their projects from early design through construction to ensure that the finished project is everything they dreamed it to be. This involves exploration and critical thinking, material research, contextual analysis, strong drawings, continuous pricing and construction schedule reviews from design until client move in, and exhaustive construction quality control.

Day 3

Friday, October 22, 2021 **Paper Sessions 4A, 4B, 4C**
9:00 - 10:15 AM

4A

Paper Session 4A. Design Education: COVID-19 and Teaching Topics

Moderator: Rebecca O'Neal Dagg, Auburn University, USA (onealrg@auburn.edu)

Flipping the Studio: Architectural Skills 1011-2 for Architectural Engineering Students.
Eric Todd Inglet, University of Cincinnati, USA.

The Evolutive Culture of the Architectural Design Studio: From the Beaux-Arts to Virtual Design Studios
Henry Tsang, Athabasca University, Canada.

Constructing Perceptual Environments: A Hands-On Theory for Interior Architecture
Kevin Moore, Auburn University, USA

Form Generating Knowledge: Research in DCA
Arief Setiawan and Christopher Welty, Kennesaw State University, USA.

4B

Paper Session 4B. Analysis and Interpretation: Conceptual and Built

Moderator: Tim Frank, Kennesaw State University, USA (tfrank2@kennesaw.edu)

Literature and poetry at the service of architectural design
Gregory Brais Sioui, Université Laval, Canada.

Deepfake Architecture: Representations of Subjective Realities
James F. Kerestes, Ball State University, USA.

Mapping Agonism: Design, Democracy and the Space of Encounter
Joern Langhorst, University of Colorado Denver, USA

Envisioning for Posthumanist Design
Kathryn Bedette, Kennesaw State University, USA

4C

Paper Session 4C. Pedagogy: Beginning Design

Moderator: Roman Montoto, Milwaukee Institute of Art and Design, USA (romanmontoto@miad.edu)

Learning to See: Seeing, Making, Thinking.
Arief Setiawan and Christopher Welty, Kennesaw State University, USA.

Design of a video games art museum: Concepts, design process and educational values of a design studio project
Danilo Di Mascio, The University of Huddersfield, Huddersfield, United Kingdom.

The Abstraction of Order Systems. Teaching Ideation Strategies
Carlos L. Marcos | University of North Carolina Charlotte, USA – University of Alicante, Spain

The Impact of Cognitive Style on Spatial Perception Utilizing Varying Modes of Design Communication
Tonya Miller, Catherine Kendall, & Eun Young Kim. University of Tennessee at Chattanooga, USA.

Day 3

Friday, October 22, 2021 **Paper Sessions 5A, 5B & Poster Session 5C**
10:30 - 11:45 AM

5A

Paper Session 5A. Analysis and Interpretation: Conceptual and Built

Moderator: Michael Carroll, Kennesaw State University, USA (mcarro42@kennesaw.edu)

Investigations in Graphic Communication
Moh'd Bilbeisi, Oklahoma State University, USA.

Exploration for productive learning spaces: a shift from enclosed to shared spaces
Murat Sahin, Muhammad Kabir Balarabe. Özyeğin University, Turkey.

A new Modernism and the National Capitol Complex of Bangladesh
Dilruba Ferdous Shuvra, University of Wisconsin-Milwaukee, USA

5B

Paper Session 5B. Drawing: Digital, and Smart Environment

Moderator: Danilo Di Mascio, PhD, Uni of Huddersfield, UK (d.dimascio@hud.ac.uk)

Tablet-Based Digital Painting as Architectural Drawing: A Case-Study Analysis
Grant Alford, Kansas State University, USA.

iPad Pro/Apple Pencil/Procreate Observation Drawing
Henry E. Sorenson, Jr., Montana State University, U.S.A.

It's Finally Time for Real-time Photorealistic 3D Rendering: Pilot Studios - Lessons Learned and Factors to Consider
So-Yeon Yoon, Cornell University, USA.

Poster

Poster Session 5C

Moderator: Zamila Karimi, Kennesaw State University, USA (zkarimi@kennesaw.edu)

Hina Irfan, Zara Amjad, Sara Assad, Hassan Wajid, Gulzar Haider. Beaconhouse National University, Pakistan
Looking Beyond a Surface

Kei Tomita, Kennesaw State University, USA
Bringing Instructional Design Perspectives to the Interaction Design Education: A Case of a User Interface Design Course

Lora Kim, Associate Professor | Wentworth Institute of Technology, USA
Inclusive, Hybrid, & Multi-Disciplinary | Collage & Architecture

Peili Wang, Savannah College of Art & Design, USA
Freehand Section Perspective

Day 3

Friday, October 22, 2021 **Paper Sessions 6A, 6B & 6C**
12:00 - 1:15 PM

6A

Paper Session 6A. Design Education: Perception and Execution

Moderator: Joern Langhorst, Univ of Colorado Denver, USA (Joern.Langhorst@ucdenver.edu)

Architecture as Site Prosthetics: The Artificial Terrain and the Vision Machine.
Catty Dan Zhang, University of North Carolina at Charlotte, USA.

Structural Blindness and the Vision of Intersectionality
Michael Carroll, Kennesaw State University, USA.

Verb List: A Guide to the Honing of Materiality and Digital Craft
Rachel Dickey, University of North Carolina Charlotte, USA.

Architectural Sociology Applied to the Design Process: the axiology of space.
Thomas M. Lesko, Wentworth Institute of Technology, USA

6B

Paper Session 6B. Drawing: Analog Strategies in Education

Moderator: Mark O'Bryan, University of Kentucky, USA (m2@iglou.com)

Curricular Continuity | a two semester drawing syllabus
Brian Dougan, American University of Sharjah, UAE.

Illustration and Design Thinking Methods in Landscape
Rebecca Heavner, University of Colorado Denver, USA.

Engaging Representational Imagination through Charcoal Drawing of Architecture
Stephen Temple, University of Texas at San Antonio, USA.

Filling the Field of View: Rome 2092
Steven P. Juroszek and Christopher Livingston, Montana State University, USA.

6C

Paper Session 6C. Communication: Design Education

Moderator: Moh'd Bilbeisi, Oklahoma State University, USA (mohd.bilbeisi@okstate.edu)

In Search of the Big Idea
Simon M. Bussiere, University of Hawai'i at Mānoa

Notions of the Sublime and Design Communication
Michael Chisamore, University of Memphis, USA.

Visualizing Curricula: Data Visualization Methods for Non-Linear Curriculum Mapping
Jacklynn Niemiec, Drexel University, Philadelphia, USA.

Foundation Design: Piranesi's Cage
Rhett Russo, Rensselaer Polytechnic Institute, USA.

Meeting

1:15 - 2:30 PM: Lunch. Business Meeting

7A

Paper Session 7A. Environment: Sustainability, Natural Preservation, and Heritage
Simon Bussiere, University of Hawaii, USA (Bussiere@hawaii.edu)

Architectural Interventions on the Banks of Ichamoti River, Pabna, Focusing Community Interaction
Catherine Daisy Gomes, Simita Roy, Bristi Majumdar. Bangladesh University of Engineering and Technology, Bangladesh

An Adaptable Modular System: A Context Responsive Approach Towards Designing Affordable Housing for Lower Middle Income Group in Savar, Dhaka
Md Tariquzzaman, Bangladesh University of Engineering and Technology, Bangladesh.

Architect's Perspective on Barriers and Drivers of Sustainable Architecture in Nigeria
Monday Chris Elimisiemon, Kaduna State University, Nigeria.

Perceiving and Executing Sound Environmental Design Strategies – A global visual framework
Sanwar A. Sunny and Kamrun Nahar, University of Baltimore, USA, and North South University, Bangladesh

7B

Paper Session 7B. Social and Urban: Environment and Intervention
Salim Elwazani, Bowling Green State University, USA (selwaza@bgsu.edu)

Urban Innovation through the Partnership of Citizen Activists and Pioneering Design Organizations
Meliti D. Dikeos, Wentworth Institute of Technology, USA.

Representing Renovation: Pedagogical Tools for Design Interventions
Ryan Roark, Georgia Institute of Technology, USA.

The Illuminated Interior: Developing Surface Effects for a Downtown Public Library
Kevin Moore and Matt Hall, Auburn University, USA.

Rethinking circulation pattern in urban market at Dhaka
Tanvir Hasan, Bangladesh University of Engineering & Technology, Bangladesh.

7C

Paper Session 7C. International Topics
Moderator: Ameen Farooq, PhD, Kennesaw State University, USA (afarooq1@kennesaw.edu)

Public Art: From Karachi Biennale to the Killing Fields of Karachi
Sana S. Burney, Indus Valley School of Art and Architecture, Pakistan.

Rethinking Hospital Physical Environment in the Context of Developing Country
Syeda Saika Suda and Nayma Khan. Bangladesh University of Engineering and Technology, Bangladesh

Object of Curiosity
Zara Amjad, Sara Assad, Hina Irfan, Hassan Wajid, Gulzar Haider. Beaconhouse National University, Lahore, Pakistan.

• 4:30 PM

Keynote 03: BIG | Bjarke Ingels Group – Kai-Uwe Bergmann

Location: Design-II Auditorium or Zoom

Keynote



Kai-Uwe Bergmann, FAIA is a Partner at BIG who brings his architectural expertise to proposals around the globe, including work in North America, Europe, Asia and the Middle East. BIG is a Copenhagen, New York, London, Barcelona and Shenzhen based group of architects, designers, urbanists, landscape professionals, interior and product designers, researchers and inventors. "We believe that in order to deal with today's challenges, architecture can profitably move into a field that has been largely unexplored. A pragmatic utopian architecture that steers clear of the petrifying pragmatism of boring boxes and the naive utopian ideas of digital formalism." BIG's architecture emerges out of a careful analysis of how contemporary life constantly evolves and changes.

Closing

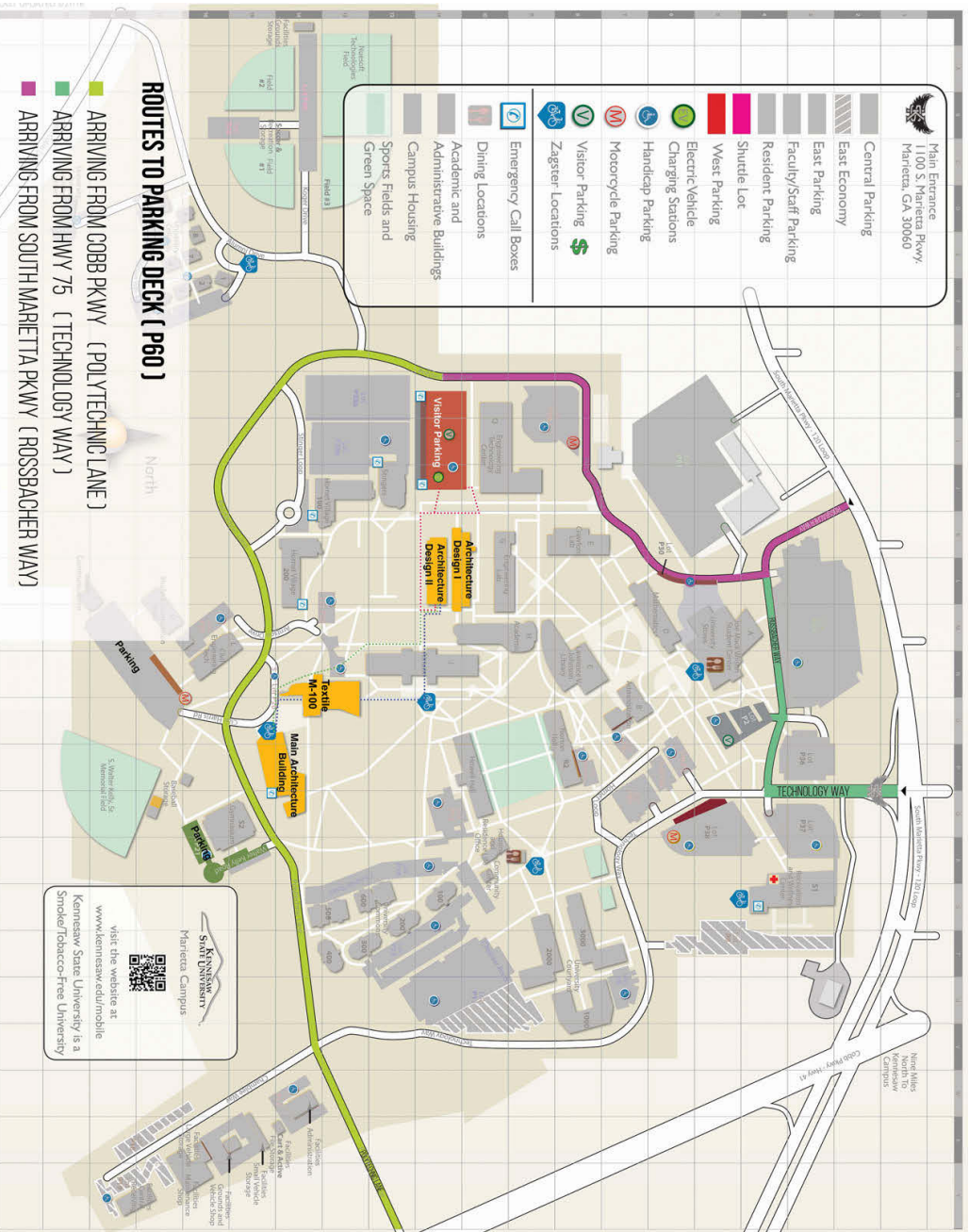
• 6:30 PM

Conference Closing Dinner, Design Drawing Awards
Conference Announcements from Beginning Design, EAEA, and DCA
Remarks and Acknowledgements

Main Entrance
1100 S. Marietta Pkwy.
Marietta, GA 30060

- Central Parking
- East Economy
- East Parking
- Faculty/Staff Parking
- Resident Parking
- Shuttle Lot
- West Parking
- Electric Vehicle
- Charging Stations
- Handicap Parking
- Motorcycle Parking
- Visitor Parking
- Zagster Locations
- Emergency Call Boxes
- Dining Locations
- Academic and Administrative Buildings
- Campus Housing
- Sports Fields and Green Space

- ROUTES TO PARKING DECK (P60)**
- ARRIVING FROM COBB PKWY (POLYTECHNIC LANE)
 - ARRIVING FROM HWY 75 (TECHNOLOGY WAY)
 - ARRIVING FROM SOUTH MARIETTA PKWY (ROSSBACHER WAY)



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Kennesaw
State University
Marietta Campus

Architecture (M)	P-14	640
Anthony Pizzuto	Department Chair	
Doraine Ouldrine	Administrative Associate	
Design 1 Building (I1)	C-11	894
Keya Doring	Arch & CM Advisor	

Community Center	Gr-10	
Hornet Widge	J-13, L-14	
Housing and Residence Life Office	R-10	
University Columns	E-17	
University Columns Activity Center	D-19	
University Commons	S-12	
University Courtyard		178
Central Parking		16, M-3, R-16
East Economy		N-18, R-3, Q-3, Q-5
Shuttle Lot		T-5, U-10, Y-8, Y-18
Visitor Parking		R-14, P-13
West Parking		10-2
Academe Building (A)	M-9	830
Academe Building (B)	M-9	830
Architect (A)	P-14	640
Artium Building (J)	N-11	680
Card Services	M-5	880
Chick-fil-A	M-5	880
Covered Lab Building (E)	K-8	886
Design 1 Building (I1)	C-11	894
Design 2 Building (I2)	C-11	830
Engineering Lab Building (O)	L-10	854
Engineering Lab Building (P)	L-10	840
Facilities		
Administration (F1)	W-14	601
Central Accounting (F8)	Y-17	617
Facilities - Grounds and		
Vehicle Shop (F4)	X-16	609
Facilities - Grounds	A-14	780
Facilities - Large Vehicle Storage (F6)	X-15	613
Facilities - Maintenance Shop (F7)	X-15	613
Facilities		
Field - Vehicle Storage (F3)	X-15	695
Field 1	A-15	
Field 2	C-13	
Field 3	C-13	
Gymnasium (S2)	O-15	635
Jessie Jackson Wilson		955
Student Center (A)	M-5	860
Lawrence Johnson Library (Q)	N-8	910
Northern Hall (P2)	O-8	200
Northern Hall (P3)	O-8	200
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