

# Architecture Exchange East 2019

All courses are 1 AIA learning unit unless otherwise noted.






(Courses that offer HSW credit or more than 1 unit will be noted in the course description)

## Agenda

Optional  Fee 

Wednesday, November 6, 2019

### Workshop

9:00 AM - 12:00 PM	<p><b>01: 2015 Virginia Existing Building Code Overview</b> <b>B15c</b></p> <p>Welcome to the 2015 Virginia Existing Building Code (VEBC), which is used for existing buildings and provides a proactive mechanism for the reuse and continued use of existing buildings while still providing a balanced level of protection, life safety, sustainability, and resiliency. Compared to the 2012 VRC, this "new and improved" version should be easier to: understand, apply, interpret, review, and enforce. So, join us for this interactive session to find out all about this code and what it means for your projects. <b>Earn 3 LU   HSW</b></p> <p><b>Speakers:</b> <a href="#">Kenney Payne</a></p>	
9:00 AM - 4:00 PM	<p><b>03: Crime Prevention through Environmental Design Workshop</b> <b>B17</b></p> <p>This day-long workshop provides an introduction to the principles of Crime Prevention through Environmental Design (CPTED). Learn about the science and research behind these principles and how to apply them in your work. Consider their uses in schools and other public buildings as well as their impact on current design trends. This session is beneficial for any architect or design professional who is asked to consider safety and security in their facility designs. <b>Earn 6 LU   HSW</b></p> <p><b>Speakers:</b> <a href="#">Richard Arrington</a></p>	
1:00 PM - 4:00 PM	<p><b>02: ADA Really Stands for Accessibility Gone Awry</b> <b>B15c</b></p> <p>Awry? However you define (or say) the word, in this context, it is the complete opposite of accessible. So, just what is being done wrong when it comes to compliance with the ADA? To first answer that, we must understand how the ADA is supposed to work in this land of opportunity and then understand its referenced ADAAG and how it gets applied in the built environment. So, if you have three hours to spare, pay us a visit to see how we can get to Accessibility Done Accurately. <b>Earn 3 LU   HSW</b></p> <p><b>Speakers:</b> <a href="#">Kenney Payne</a></p>	
1:00 PM - 4:00 PM	<p><b>04: AIA Virginia Firm Roundtables</b> <b>B16</b></p> <p>The Meeting of the Roundtables serves as an educational opportunity to bring AIA members together from various firm sizes to discuss pertinent practice topics in a structured and facilitated format. In addition, program participants will engage in dialogue regarding how the AIA can best position them to be successful in creating positive change in the built environment and the profession. Integral to the program, AIA Virginia's lobbyist and legislative counsel will provide a recap of the 2019 government advocacy achievements and share insight on legislative expectations of the 2020 Virginia General Assembly. <b>Earn 3 LU</b></p> <p><b>Speakers:</b> <a href="#">Corey Clayborne</a></p>	
1:00 PM - 4:00 PM	<p><b>07: NCI Facilitation Skills Boot Camp for Contentious Meetings</b></p> <p>A well-run meeting can make the difference between project success and failure. Even the best designed projects can be derailed by a single person or groups who leave the meeting feeling unheard and alienated. This is especially true as our communities become increasingly divided and uncivil.</p>	

This workshop covers NCI's top tools and techniques for keeping meetings on track. Participants will learn on their feet through role playing exercises that simulates various meeting types.

**Earn 3 LU**

**Speakers:** [Holly Madill](#),  
[Bill Lennertz](#)

#### Membership Event

4:15 PM - 5:00 PM

**05: AIA Virginia Annual Meeting and Toast to Newly Licensed Architects  
B16**

Hear about vital developments, elect officers, and conduct other business affecting your professional society. Join your colleagues in a toast to newly licensed professionals.

**Speakers:** [Corey Clayborne](#),  
[AIAVA Board of Directors](#)

#### Networking Event

5:00 PM - 6:00 PM

**06: Exhibitor Appreciation and Welcome Reception  
Registration Lobby**

Kick off the first evening of ArchEx with a welcome reception. Grab a drink and help us thank our exhibitors for all of their support.

**Speakers:** [Corey Clayborne](#)

Thursday, November 7, 2019

#### Session

7:30 AM - 8:30 AM

**50: Why Should I Choose You?  
B16**

There's one question you're faced with every day that matters above all else: Why should I choose you? It's the most difficult question to answer and it comes from three directions: business development; employee experience; and customer experience. If you can consistently deliver a clear, concise, compelling answer, you win the work you want, keep the clients you have, recruit the talent you need, and retain the employees you have. If you can't answer in a way that matters to them, worse, if your answer looks the same, sounds the same, and acts the same as your competition, you'll struggle to be relevant to those that matter most: your clients, employees, and prospects. Helping everyone in your firm answer "Why should I choose you?" is the most important work you can do this week.

7:30 AM - 8:30 AM

**51: Field Measuring 101  
B17**

Renovation projects may not always warrant the use of 3D scanning or photogrammetry. This course reviews basic techniques for field measuring and provides some helpful hints. Whether you are a seasoned professional, current student, or a new graduate this course is for you.

**Speakers:** [Jennifer Wimmer](#)

7:30 AM - 8:30 AM

**52: Design for Emotional Well-Being in Military Communities  
B18**

Environmental factors can have a strong influence on quality of life and emotional well-being for civilians as well as military families serving abroad. This session examines strategies for designing in opportunities for increased social connectivity, recreation, and overall community resiliency through dynamic and well-researched master planning and placemaking. **Earn 1 LU | HSW**

**Speakers:** [John Wissinger](#),  
[Shannon Early](#),  
[Greg Ault](#)

9:30 AM - 12:00 PM

**60: General Session**

### Ballroom

Architecture Exchange East is bringing together the brightest minds and most engaging speakers to explore the theme of culture. Hear from Dwayne Oyler with Oyler Wu Collaborative. Learn about the firm's collaborative culture and their approach to experimenting with emerging technologies. Hear from Pascale Sablan, one of Architizer's 25 Young Architects to Watch in 2019. Learn about her work with the non-profit Beyond the Built Environment and her efforts to create a more just, diverse, and equitable profession. Hear from Patricia Gruits from MASS Design Group as she shares the firm's philosophy: Architecture is never neutral. It either heals or hurts. Learn more about the firm's mission to research, build, and advocate for architecture that promotes justice and human dignity. **Earn 2.5 LU**

**Speakers:** [Pascale Sablan](#),  
[Dwayne Oyler](#),  
[Patricia Gruits](#)

### Networking Event

12:00 PM - 2:00 PM

#### **65: Lunch and Product Research in the Exhibit Hall** **Exhibit Hall**

Join your colleagues for lunch and explore the ArchEx Exhibit Hall to discover the latest innovations in products, materials, and services.



### Workshop

1:45 PM - 4:15 PM

#### **75: Richmond Sketch Walk** **Governor's Room**

Recharge your creative battery while you sharpen your sketching skills in this architect-led jaunt around Richmond. Discover and celebrate the rich urban fabric of the city while you practice your deep observation skills. Bring your own drawing materials and notebook. **Earn 2.5 LU**

**Speakers:** [Charles Piper](#),  
[Andrew Moore](#)



### Tour

2:00 PM - 4:15 PM

#### **107: Tour: Martin Agency Lobby and Atrium** **Registration Lobby**

The Martin Agency envisioned their lobby as a gallery. It was to be both inviting and dynamic – embedded with the character of Richmond. We've stripped the decorative metalwork and returned the space to natural materials, clean lines, and plenty of light. **Earn 2.25 LU**

**Speakers:** [Daniel Strait](#),  
[Maggie Schubert](#)



2:00 PM - 4:15 PM

#### **108: Tour: The Future of Engineering Research at VCU** **Registration Lobby**

Join us for an opportunity to visit an active construction site for the new 125,000 SF Engineering Research Building at Virginia Commonwealth University. During the tour, visitors will get a first look at the research hub while hearing the perspectives of the owner, architect and contractor regarding their collaborative processes and creative approaches to challenges during the various stages of the project. **Earn 2.25 LU**

**Speakers:** [Matthew Magruder](#),  
[David Turner](#),  
[Ashley Nezda-Jones](#),  
[Jay Woodburn](#)



### Session

2:00 PM - 3:00 PM

#### **100: Introduction to Cultural Landscapes** **B15a**

Cultural landscapes are places that have acquired significance through interactions between people and the land; they may surround one or more historic buildings or be significant sites in their own right. Interest in Cultural Landscape Reports (CLRs), the



landscape counterparts of Historic Structure Reports (HSRs), is on the rise among stewards of historic places who seek a deeper understanding of their site. Drawing from her deep experience, including projects at Manassas National Battlefield Park and Virginia Commonwealth University, Brenda will introduce participants to key issues in the analysis of cultural landscapes.

**Speakers:** [Brenda Williams](#)

2:00 PM - 3:00 PM

**101: Floating Communities: Cultural Shift to Living ON the Water  
B15b**

Floating communities are environmentally sound, socially focused, and a wellness living environment second to none. Michael Winstanley AIA AICP and Leejung Hong LEED AP will present their vision and plans for a series of floating communities ranging from a small community of 25 homes in an existing urban marina in downtown Washington, DC to a large 84 home new community in Woodbridge. The proposed plans document a net-zero development of homes ranging from 1,500 gsf to 3,000 gsf each constructed on a concrete "float" foundation in a remote location and brought in by barge an assembled to create a vibrant and integrated community. Power, water, and sewage are all part of the discussion as well as common facility and shore-based support functions. **Earn 1 LU | HSW**

**Speakers:** [Michael Winstanley](#)

2:00 PM - 3:00 PM

**102: Acoustics in Architecture  
B15c**

This is a course designed to provide baseline understandings of the acoustical properties of an interior space and how it propagates and interacts with surfaces, objects. It is also about the perception and understanding of a space's acoustic properties. **Earn 1 LU | HSW**

**Speakers:** [Darrell O'Busek](#),  
[Tristan Sherertz](#)

2:00 PM - 3:00 PM

**103: Building Belonging: Equity, Diversity and Inclusion in the Workplace  
B16**

Diversity, Inclusion, Equity and Engagement supports and strengthens a firm that embraces and celebrates all people, regardless of age, culture, ethnicity, gender identity, language, physical ability, race, religion, sexual orientation, size, or socioeconomic status. People who feel included are more engaged and Engagement creates a sense of pride, ownership, and accountability. How do you foster a diverse firm culture where every individual feels empowered to contribute? What is being done to bridge the academy and practice to shift the EDI conversation and influence how we to business? Hear from leaders whose organizations have devised and implemented a strategy to build and sustain a culture that celebrates human differences.

**Speakers:** [Yiselle Santos Rivera](#),  
[Lori Brown](#),  
[Robert Easter](#)

2:00 PM - 3:00 PM

**104: AIA Forum for the National Mall: Renewing our Voice  
B17**

The National Mall is a story of America. It is a locus of memory and meaning that celebrates the spectrum of success, sacrifice, aspiration and values of the American people. Beyond reflecting our legacy, the National Mall also must speak to our future. As the National Mall addresses challenges unforeseen when the L'Enfant and McMillan Plans were developed, the Mall itself must adapt and change, and we must put the role of great design front and center. We, the AIA, is advocating for design excellence. The AIA Forum for the National Mall is a think tank for creative innovation to address climate change, security, expansion, preservation, spatial allocation, interpretation, transportation, tourism, and utilization to design an even greater treasure for future generations. **Earn 1 LU | HSW**

**Speakers:** [Barton Ross](#),  
[James Clark](#),  
[Kevin Storm](#)

2:00 PM - 3:00 PM

**105: Planning Washington Union Station: the Architect's Skills  
B18**

Even small firms can use the architect's skills to participate in large and complex projects. Through urban design and planning examples from our experience on a multi-modal transportation project, we will discuss the concepts of project management and team culture that have promoted the creative thinking, out-of-the box solutions, and problem-solving capabilities that architects can bring to all projects. This session will describe principles of transportation planning and relate these to urban design fundamentals, to create a high-functioning transportation center with exemplary place-making. The session will emphasize how the architect's wide-ranging skillset is especially useful in leading multi-disciplinary teams to solve the unique design problems encountered in a complex project.

**Speakers:** [Brian Harner](#),  
[Leonardo Sarli](#)

2:00 PM - 3:00 PM

**106: A+D = C3: Architects + Designers as Catalysts. Connectors. Change Agents.**  
**B19**

Architects + Designers as Catalysts. Connectors. Change Agents. Architects and designers focus on creating environments and shaping + re-shaping the human experience. How can our internal professional and social infrastructures best support this focus (and passion), while improving our own health and ability to expand our influence and have greater impact? As masters of context, we build on this foundation, solving highly complex problems and creating exquisitely sensitive designs. Through widening the lens of clarity to explore our own cultural health + identity, we become open to new forms of growth, sharing the gems of our mastery while tapping into and leveraging richer opportunities to create healthy ecosystems, meaningful connections and transformative design.

**Speakers:** [Amy Eichenberger](#)

3:15 PM - 4:15 PM

**200: Transforming Office Culture: Parkitectural Expression**  
**B15a**

Where do you spend most of your "awake hours?" For most of us it is at the office ... so why not make it a "LIVING OFFICE" that supports the way you live, work, collaborate and play! The City of Virginia Beach Parks and Recreation Department had been deprived of a new administrative facility for decades and entrusted VIA to bring them a fresh new definition of the workplace for their staff. The demonstration of how we work, the tools we use, and the consensus building techniques to support their vision has become the talk of the City and an award-winning showplace.

**Speakers:** [Donna Phaneuf](#),  
[Keith Oliver](#),  
[Scott Campbell](#)

3:15 PM - 4:15 PM

**201: Moon Base: Designing a Lunar Village**  
**B15b**

Skidmore, Owings & Merrill (SOM), in partnership with the European Space Agency (ESA) and the Massachusetts Institute of Technology (MIT), has released the conceptual design for the first full-time human habitat on the lunar surface, called "Moon Village." Learn about the proposed concept and hear how the team had to consider entirely new challenges, such radiation protection, pressure differentials, and how to provide breathable air. **Earn 1 LU | HSW**

**Speakers:** [Daniel Inocente](#)

3:15 PM - 4:15 PM

**202: Designing with Architectural Insulated Metal Panels**  
**B15c**

This new course for 2019 focuses on architectural insulated metal wall panels. Review the characteristics that best describe architectural IMPs including the myriad design options available. Consider finishes and coatings, trimless ends, folded corners, variable reveals, segmented curves, running bond patterns, sunscreens and integrated windows. Structural support considerations including stud walls and tube steel are studied as well as the importance of maintaining proper wall alignment. The installation process is also reviewed using an animated video to provide step-by-step guidance. Air, water, vapor and thermal control layers are studied along with code compliance. Product and installation warranties are highlighted before wrapping up with a look at IMP sustainability and transparency. **Earn 1 LU | HSW**

**Speakers:** [Drew Snoply](#)

3:15 PM - 4:15 PM

**203: The Missing Middle: Surviving the Mid-Career Phase**  
**B16**

Engage in an open dialogue on firm culture, the recession, and the art of delegating. Discuss firm culture, work/life balance, time management, goal setting, and mentorship. Emerging professionals, mid-career professionals, and firm leaders are all welcome.

**Speakers:** [April Drake](#)

3:15 PM - 4:15 PM

**204: Cultural Stewardship through HBIM**  
**B17**

Explore how Historic Building Information Management (HBIM) gives stewards of historic properties the information they need to preserve culturally important sites like never before. Using examples from Quinn Evans Architects' pioneering work at Mount Vernon and the Michigan State Capitol, get an introduction to the future of historic preservation.

**Speakers:** [Charles Thompson](#)

3:15 PM - 4:15 PM

**205: Visibility: Risk Mitigation in School Design**  
**B18**

Ensuring a safe learning environment and the safety of students will always be the most important factors in school design. Due to recent tragic events, student safety has become an even hotter topic of discussion among parents, school officials, students, and designers. Hear the presenter's four tips on visibility -- one of the greatest tools for risk mitigation in school design. **Earn 1 LU | HSW**

**Speakers:** [Craig Kotarski](#)

3:15 PM - 4:15 PM

**206: Storytelling for Designers**  
**B19**

You know what you do. Make sure your audience does. Whether sharing your professional background and design portfolio with potential clients, editors, peers, or jurors, a storytelling approach is increasingly important. This workshop delves into ways of bringing your work to life through descriptive and authentic storytelling in both verbal and written communications.

**Speakers:** [Margaret Hancock](#)

**Networking Event**

4:15 PM - 4:30 PM

**250: Coffee Break**  
**Lower Level Lobby**

Grab a cup of coffee (or tea) to fuel your afternoon.

**Session**

4:30 PM - 5:30 PM

**300: Creating a Culture of Integrative Design**  
**B15a**

A firm's commitment to the 2030 Challenge helped transform a design culture to embrace high-performance design using an integrative design process. The two presenters are an architect and a mechanical engineer and lead the firm's Integrated Design Leadership Group and Building Science Group. Recognizing that clients do not always want an official sustainability certification, the presenters worked to embed an integrative design process into the culture utilizing a network of sustainable design leaders, early and more energy modeling, and a more metric-driven design process. They will review the strategies that helped transform the culture to help enhance the firm's design process to meet projects' energy, water, habitat, and material sustainability goals. **Earn 1 LU | HSW**

**Speakers:** [Brian Turner](#)

4:30 PM - 5:30 PM

**301: Virtual Reality and the University of Virginia Hospital Expansion**  
**B15b**

The University Hospital Expansion project (UHE) is a 14-story, 440,000 square-foot patient-tower currently under construction at the University of Virginia. Seeing the value of the use of Virtual Reality during project design, the on-site team decided to set the challenge of finding a way to use VR during construction administration. Through this presentation, the design team will share their journey over the last 5 years of software exploration and the ever evolving use of technology during construction.

**Speakers:** [Brian Sykes](#),  
[Silas Haslam](#)

4:30 PM - 5:30 PM

**302: Designing a Safe and Compliant Automated Vehicular Gate System**  
**B15c**

Get an overview on the latest in vehicular gate design. By knowing and applying the UL 325 and ASTM F2200 standards to your specifications and designs, you help reduce your firm's and your client's exposure to liability. **Earn 1 LU | HSW**

**Speakers:** [Nick Valdez](#)

4:30 PM - 5:30 PM

**303: Building a Cohesive Firm Culture Across Offices**  
**B16**

Quinn Evans Architects has expanded rapidly in the past few years, having merged with both Baltimore's Cho Benn Holback + Associates and Richmond's BCWH since 2017. The directors of QEA's Richmond, Baltimore, and Washington, DC, offices will discuss their experience of the mergers and their impacts on firm culture.

**Speakers:** [Charles Piper](#),  
[Thomas Jester](#),  
[Brian Oster](#)

4:30 PM - 5:30 PM

**304: Architecture is the Message**  
**B17**

How architecture is becoming the "message" of corporate philosophy and reusing old building is a marketing strategy. I will discuss how old buildings and the ones not deemed historic can survive and thrive through modern adaptations. How some French and Italian luxury brands, and the example of a technology investor in Paris that saved a historic building to create the largest startup incubator in the world.

**Speakers:** [Paola Lugli](#)

4:30 PM - 5:30 PM

**305: Public Owner Roundtable**  
**B18**

Join a roundtable discussion with public owners. Engage in a dialogue about upcoming projects and the ways that owners and members of the profession can best work together.

4:30 PM - 5:30 PM

**306: Navigating the New Tax Code: Strategies for Reducing Tax Liability for Closely Held Businesses**  
**B19**

This course will discuss changes to the new tax codes and how they affect architecture and engineering firms. It will also discuss strategies to reduce tax the burden, including ways maximize employer plan contributions into retirement plans for select key employers up to \$350,000.

**Speakers:** [Samuel LaNeave](#),  
[James LaNeave](#),  
[Mark Mullady](#)

**Networking Event**

5:30 PM - 6:30 PM

**350: CONNECTIONS Party**  
**Exhibit Hall**

Before heading out to dinner, join your colleagues (old and new) for drinks and hors d'oeuvres in the Exhibit Hall.

7:00 PM - 9:00 PM

**351: ELA Reunion Dinner**  
**Bookbindery Building**

Reconnect with your fellow ELA alum and check out AIA Virginia's new office space.

7:00 PM - 9:00 PM

**352: Women in Design Dinner**  
**Bookbindery Building**



Join Virginia Women in Design at for dinner, drinks, and fellowship. All are welcome!

Friday, November 8, 2019

**Session**

7:30 AM - 8:30 AM

**400: Industry Advocacy Roundtable**  
**B18**



Join fellow advocates from the industry to look ahead at the coming legislative session, share information, discuss anticipated issues, and make connections.

**Speakers:** [Corey Clayborne](#)

7:30 AM - 8:30 AM

**402: Mentoring Future Fellows**  
**B17**



Are you interested in becoming a Fellow? Do you want some guidance and feedback on your application? Sign-up for this session and we'll match you up with a mentor who is a Fellow in your chapter area and can help be a resource to you during this process. Even if you aren't ready to apply yet, talk to a Fellow who can offer advice on how to work towards building up your resume in the designated areas.

**Speakers:** [Valerie Hassett](#)

8:00 AM - 9:00 AM

**410: Architectural Ethnography as a Learning Tool in Study Abroad**  
**B15a**



How could study abroad programs for architects teach cultural empathy? Drawing from on-site observation of buildings raises questions that help us understand cultural forces that shapes architecture. For example, why do wood lattices conceal Kyoto's machiya storefronts instead of revealing the interior with an expansive window? Such question may uncover why contemporary Japanese architecture take on forms different from the western counterparts. This presentation demonstrates how architectural ethnography in study abroad programs can deepen cultural understanding.

**Speakers:** [Aki Ishida](#)

8:00 AM - 9:00 AM

**411: Emerging Research**  
**B15b**



Hear about emerging research from professor Robert Dunay, FAIA and Nathan King, Ddes.

**Speakers:** [Robert Dunay](#),  
[Nathan King](#)

8:00 AM - 9:00 AM

**412: Wood is Structural and Beautiful but Can it be Healthy?**  
**B15c**



Wood has been used for thousands of years, in every culture and for every type of construction. We have depended upon it for our survival and it has been our go-to forever but where is it now? Most of the time it is behind our sheetrock walls, under our floors and in our cabinet doors as particles or sawdust as MDF. Trends are showing the use of plastics or tile to look like wood. Can we get back to our roots? Our fascination with plastic started 3 generations ago. Otto Bayer invented Polyurethane in 1933 and from there we created the process of building products we thought we needed for our everyday use. You might notice the plastic around you now, everything from your clothing to the chair you're sitting in. Please look around at the floors you walk on. Are they made from or coated in plastic? By using natural products we can be stewards of the earth and advocates for healthy interior environments for our future generations. **Earn 1 LU | HSW**

**Speakers:** [Walter Lourie](#)

8:00 AM - 9:00 AM

**413: JUSTice for All: Reviewing Practice Through An Equity Lens**  
**B18**





How can we run our firms in ways that are socially just, equitable and transparent? VMDO will explain the process of undergoing ILFI's JUST certification—what they did, what they learned, how it's changing the way they operate, and what it means for their workplace culture.

**Speakers:** [Michelle Amt](#),  
[Kelly Callahan](#),  
[Robert Winstead](#)

8:00 AM - 9:00 AM

**414: Understanding Your Role**  
**B19**

This session will explore the relationship between an AXP supervisor and a licensure candidate and the roles both parties play in the path to licensure. We will discuss their initial expectations of each other and how those were either met or debunked along the way.

**Speakers:** [Ashleigh Brewer](#)

8:45 AM - 10:15 AM

**450: Focus: Your Most Valuable Skill**  
**B16**

Distraction is derailing your projects and eating away at your bonuses. It's also making you stressed, burned out, and less innovative. This seminar will explain how we got here as a culture, and address the financial and emotional costs this pressing issue has on your life. We'll also dive into how our brains function best, sharing secrets to overcome distraction individually and as a company. **Earn 1.5 LU**

**Speakers:** [William Schooley](#)

8:45 AM - 10:15 AM

**451: The Power of a Women's Archive: Revealing Diverse Cultures**  
**B17**

Materials preserved in archives enable the writing of a scholarly history of design. However, the interaction with the original artifacts is, in itself, a qualitative, multilayered, and irreproducible learning experience. While archiving in real time, we invite attendees to this unique experience of projecting themselves into women's diverse professional practices. **Earn 1.5 LU**

**Speakers:** [Marie Padgett](#),  
[Donna Dunay](#),  
[Paola Zellner Bassett](#)

8:45 AM - 10:15 AM

**452: Documenting Architect Voices**  
**Governor's Room**

The goal of this session is to introduce the ongoing oral history of Virginia architects, of which the Virginia AIA is a sponsor and partner. This project is assembling an oral history collection of interviews with the community of Virginians who earn their livelihood by designing buildings. This project seeks to interview architects at various stages of their individual careers, who work in a variety of locations across the state. Subjects would range from students currently in architectural school, to those in the early stages of their practice, to mid-career architects and those who have retired from the profession, with the intent to capture the myriad experiences of this unique community. The result would be the creation of an oral history archive that may be added to continually. The goal of the project is to address, from a variety of perspectives, one common question: what is it like to be an architect in Virginia? **Earn 1.5 LU**

**Speakers:** [Bryan Clark Green](#)

9:15 AM - 10:15 AM

**500: How Drawings Work: A User-Friendly Theory**  
**B15a**

Pulling from a diverse and eclectic landscape of theories from grammar, functional linguistics, philosophy, art criticism, science fiction, popular culture, and, of course, architecture, Susan Piedmont-Palladino proposes a new way to think about architectural communication and how drawings really work.

**Speakers:** [Susan Piedmont-Palladino](#)

9:15 AM - 10:15 AM

**501: Goldilocks and the Power of Ten**  
**B15b**

Scientists are providing greater and greater access to the design of materials at super-small scales. This talk will provide case studies that explore how designers can make, size, and apply these new materials to orchestrate the flow of energy through buildings in novel and efficient ways. **1 AIA LU|HSW**

**Speakers:** [Jonathan Grinham](#)

9:15 AM - 10:15 AM

**502: Noise and Vibration Control in Contemporary Fitness Centers**  
**B15c**

Modern fitness centers in today's urban and suburban environments bring with them many design challenges ranging from location, lighting, flexibility, air-conditioning, and space efficiency. As is common with many space use designs, noise control is often misunderstood and given only marginal attention, or, even worse, ignored completely. Many of the most desirable fitness activities generate noise which can significantly impact not only nearby occupied spaces but spaces two, three, and even four stories away from the fitness center. A properly designed fitness center must include noise control techniques which are effective. It is our goal to educate fitness center designers in the basics of modern fitness center noise and in the fundamentals of fitness center noise control. **Earn 1 LU | HSW**

**Speakers:** [Scott Harvey](#)

9:15 AM - 10:15 AM

**503: Re-imagining Benefield: A Catalyst for Hope**  
**B18**

The Benefield building will become the most unique live/work model in all of Richmond and will be studied for implementation in similar neighborhoods across the country. Its community empowered design process can be integrated into any project we as Architects take on. More importantly, the project itself will be a catalyst for hope in an under-served community providing incubator space for local businesses to thrive within and mixed income housing for a diverse culture to flourish. It will be a community hub full of opportunity where the youth can learn and grow to become future leaders of our cities. Join two community leaders and 3 designers as we take you step by step through the journey of a project designed by the people of Highland Park for the people of Highland Park.

**Speakers:** [Ryan Rinn](#),  
[Nick Cooper](#),  
[Megan Rollins](#),  
[Philip Miller](#),  
[Divya Nautiyal](#)

9:15 AM - 10:15 AM

**504: The Dark and Difficult Side of Change Management**  
**B19**

Change management (CM) surpasses additional services such as programming, FF+E, and move management. It seeks to maximize the ROI in the physical space by addressing the fundamental aspects of culture, structure and language to develop a durable workplace strategy that engages/inflects an organization's values and behaviors. This session examines the basic goals and methodologies of CM and explores the impediments and opportunities that lie within CM itself and between what is expected of CM and the services of conventional practice.

**Speakers:** [Paul Battaglia](#)

**Networking Event**

10:15 AM - 10:30 AM

**525: Coffee Break**  
**Lower Level Lobby**

Grab a cup of coffee (or tea) to fuel your afternoon.

**Session**

10:30 AM - 11:30 AM

**600: The Work of Joeb Moore & Partners**  
**B15a**

Joeb Moore & Partners is an architecture and design firm known for its intellect in design, craftsmanship, inventive formal and spatial systems, and details. The practice specializes in precise and creative buildings, landscapes, and furnishings that

sensitively respond to their environment and ecologies of place. Hear from principal Joeb Moore, FAIA about the firm's approach to residential design.

**Speakers:** [Joeb Moore](#)

10:30 AM - 11:30 AM

**601: Emerging Leaders in Architecture  
B15b**

Celebrate the achievements of the 2019 Emerging Leaders in Architecture and hear about this year's class project. Dramatic changes in technology and workplace behavior has contributed to an excess of vacant office space, with Northern Virginia approaching a 20% vacancy rate. This year, the Emerging Leaders in Architecture class identifies strategies and creative interventions that revitalize these structures to provide space and amenities that contribute to their local communities.

**Speakers:** [Kelsey Sinichko](#),  
[Divya Nautiyal](#),  
[Macy Anne Carman-Goeke](#),  
[Annesley Cole](#),  
[Ashley LeFew Falwell](#),  
[Ojima Glover](#),  
[Karim Habbab](#),  
[Sydney Huibregtse](#),  
[Ryan Oldach](#),  
[Jeffrey Rynes](#),  
[Ianta Summers](#),  
[Zakiya Toney](#),  
[Jeanne Vick](#),  
[Alexander Zondlo](#),  
[Kelley Holmes](#)

10:30 AM - 11:30 AM

**602: Next Generation Classroom Evolution  
B15c**

This course addresses the evolving and complex technical and architectural challenges of tomorrow's classrooms and supporting technology. Topics discussed will include acoustics, AV, interactive, IT, and mobile technologies. This course is meant to provide practical guidelines applicable to a wide variety of educational settings; from K-12 through higher education learning spaces. **Earn 1 LU | HSW**

**Speakers:** [Darrell O'Busek](#)

10:30 AM - 11:30 AM

**603: Culture Catalyst: Workplace Design as a Leadership Tool  
B16**

Your office design shapes and communicates your workplace culture. It manifests your values, facilitates certain leadership styles, and influences employee behavior. Does your office align you're your culture, or does it get in the way? Learn how design impacts the culture you have and how it can support the culture you want.

**Speakers:** [Bob Fox](#)

10:30 AM - 11:30 AM

**604: Alexandria Riverfront Economic Framework Plan  
B17**

The Alexandria Riverfront Economic Framework Plan is road map to reinvigorate the waterfront into a vibrant economic engine that encourages cultural development, tourism and urban mixed use development. Five mixed-use commercial development zones are identified along the 4 mile waterfront and connected by both land based public transportation networks as well as (and more importantly) water based transportation networks that connect Alexandria to the regional economic network emerging along the Potomac River. Guidelines to development in the commercial zones focus on a mix of uses, bonus development for cultural and tourism uses, and water based recreation. As part of this plan, the Alexandria Riverwalk emerged as an important driver to sustainable economic development.

**Speakers:** [Michael Winstanley](#)

10:30 AM - 11:30 AM

**605: YIMBY: Facilitating Enthusiastic Community-Based Design  
B18**

Successful community design results from inclusive conversations that bring neighborhood leadership, stakeholders, and design professionals together for a

common mission. This panel discussion aims to share stories of lessons learned , from triumphant fiascoes to unsuccessful victories, in order to reinforce a design culture that encourages open and immersive conversations and embraces equity in development.

**Earn 1 LU | HSW**

**Speakers:** [Burt Pinnock](#)

10:30 AM - 11:30 AM

**606: How Can Immigrant Architects Prosper in the U.S.?**  
**B19**

The seminar is designed to be a panel discussion illustrating the life of immigrant architects here in the U.S. It will consist of professionals from all over the country who were not born here in the U.S. They will share their stories of how they managed to overcome the struggles of cultural and language barriers they faced over their career. They will also talk about some of their sexual and racial discrimination they encountered and offer some tips on how to handle these situations. Lastly, they will talk about their volunteer experience in their local communities, their contributions to the country and how they finally come to the love of the country.

**Speakers:** [Yu-Ngok Lo](#)



**Networking Event**

11:30 AM - 1:30 PM

**625: Lunch and Product Research in the Exhibit Hall**  
**Exhibit Hall**

Join your colleagues for lunch and explore the ArchEx Exhibit Hall to discover the latest innovations in products, materials, and services.



**Session**

1:30 PM - 2:30 PM

**700: The Work of Ann Beha Architects**  
**B15a**

Hear about the work of Ann Beha Architects. The firm seeks a dynamic discourse between heritage and the future. With an equal emphasis on contemporary architectural expression and the revitalization of historic resources, their projects shape and strengthen community life, establish new directions, identities, and vibrant settings for education, the arts, and the civic realm.

**Speakers:** [Ann Beha](#)



1:30 PM - 5:00 PM

**701: [yaf]CON 2019**  
**B15b**

[yaf]CON aims to unite and connect members of YAF chapters in Virginia through a mindfully curated micro-conference intended to forge connections and advance the careers of attendees. **Earn 3.5 LU**

**Speakers:** [Jeffrey Butts](#)



1:30 PM - 2:30 PM

**702: Prefabricated Ornamental Railing Systems**  
**B15c**

Discuss the overall advantages of choosing a custom-fabricated railing system built off-site compared to off-the-shelf products or locally fabricated railings. In addition to looking at the practical considerations of how different fabrication choices affect project time and budget, this course also identifies some ways to address health, safety, and building occupant welfare. **Earn 1 LU | HSW**

**Speakers:** [Kevin Harris](#)



1:30 PM - 2:30 PM

**703: Enriching Culture: Diversity Groups in Practice**  
**B16**

FXCollaborative is committed to a culture rich in diverse talent and ideas. We will discuss how our framework of mission-driven groups fosters an inclusive and equitable environment, leveraging each individual's unique contributions. Our diversity groups include FXWomen, FXMosaic, and FXOne, allowing women, racial/ethnic minorities, and the LGBTQ community to thrive.

**Speakers:** [Gustavo Rodríguez](#),  
[Angie Lee](#),  
[Cristina Rodríguez-Vázquez](#).



Rajas Karnik,  
Shalini Abeyaratne

1:30 PM - 2:30 PM

**704: Cultural Matchmaking Your Way to Project Success**  
**B17**

How do the perceptions and realities on aspects such as brand and identity, operations, sustainability, constructibility and connectivity play a key role in shaping the potential social and cultural future on an academic health science campus? This session will explore the cultural opportunities and challenges of integrating Research, Academic and Healthcare environments using the Virginia Tech Carilion Fralin Biomedical Research Institute as a case study as well as published research.

**Speakers:** John Wissinger,  
Kristin Machac,  
Daniel DiMarco

1:30 PM - 2:30 PM

**705: Architecture as a Catalyst for Social Change**  
**B18**

As a built art form Architecture has always been one of the last arts to reflect cultural change, however there are examples of where architecture as a process is fostering significant cultural change. Join us for a discussion highlighting several case studies of how architecture has had a profound effect on a community.

**Speakers:** Sunshine Mathon,  
Dan Rosensweig,  
Barbara Brown Wilson

1:30 PM - 2:30 PM

**706: Residential Code Compliance Panel Discussion**  
**B19**

Join us for a panel discussion about common residential code compliance issues.

**Speakers:** Andrew McCoy,  
Jimmy Holland,  
Philip Agee

**Tour**

2:45 PM - 5:00 PM

**807: Tour: Ancient Space Planning Principles in Residential Design**  
**Registration Lobby**

4525 and 4529 Springfield Rd. homes are based on the ancient Vedic principles of space planning. The design is minimalist and functional in nature and is devoid of futile bells and whistles normally found on builder homes that serve to impress neighbors rather than enrich the lives of the homeowners. The homes are designed keeping in mind a busy young family and features 3300 sq. ft. of usable space. These homes are an architect's answer to the builder and realtor driven cookie cutter housing market.

**Earn 2.25 LU**

**Speakers:** Aparna Patil

2:45 PM - 5:00 PM

**808: Tour: Converting a Barn into a Home**  
**Registration Lobby**

Built in 1977, the barn is not technically historic but having been built by the Cochrane family who founded Overnite Trucking and were incredibly generous to Hanover County, it is considered an important part of the county's history. When the current owners saw the stately hay barn with a "for-sale" sign they knew they would save it by making it their home. Their design goals were clear; on the exterior there was to be minimal changes to respect the original Dutch gambrel design. On the interior it was important to express the impressive two story volume of the barn, to keep the existing structural elements and to re-use and re-purpose any materials removed. **Earn 2.25 LU**

**LU**

**Speakers:** Nea Poole

**Session**

2:45 PM - 3:45 PM

**800: Awards for Excellence in Architecture**  
**B15a**

See the winning projects from AIA Virginia's Design Awards program. Discuss the jury's comments and hear insights from the jury chair.

**Speakers:** [Ann Beha](#)

2:45 PM - 3:45 PM

**802: Fire Safety in the Built Environment**  
**B15c**

This course will describe fire safety regulations in the Commonwealth of Virginia, fire safety strategies, prescriptive approaches in the code and will highlight how performance-based approaches to fire safety can be achieved for unique or innovative architectural designs. Learn methods for achieving an acceptable level of fire safety and resilience that can be achieved during the design stage of a structure. **Earn 1 LU | HSW**

**Speakers:** [Justin Biller](#)

2:45 PM - 3:45 PM

**803: Creating a Business Development Culture**  
**B16**

Building a corporate culture that embraces business development can be one of the most effective ways to achieve your company's growth objectives. Companies that are successful in developing a business development culture reap the benefits of strong work capture collaboration, cross-selling among departments, and active participation in the marketing process. This session will teach you how to engage in a systematic cultural change process that will allow you to create this type of culture.

**Speakers:** [Tim Klabunde](#)

2:45 PM - 3:45 PM

**804: Excellence in Affordable Housing: Reshaping Urban Environments**  
**B17**

Using case studies in Northern Virginia, this panel discussion will highlight the successful practices and strategies used to address the pressing need for affordable housing in urban environments. The case studies will include projects developed under the new Form Based Code in Arlington County. The developer will describe financial strategies including Low-Income Housing Credits and innovative hybrid financing in affordable developments. The case studies will demonstrate the role of design excellence in improving the community.

**Speakers:** [Manoj Dalaya](#),  
[Christopher Gordon](#),  
[Nina Janopaul](#)

2:45 PM - 3:45 PM

**805: Humanitarian Design: Tilt the Planet**  
**B18**

This seminar will explore the practice of Humanitarian Design and the ways architects can participate meaningfully in humanitarian work. Participants will discuss exemplary projects and designers who are working to create stronger communities in places across the globe affected by poverty, conflict, displacement, the destruction of natural resources, and limited access to clean water, food, education and healthcare. **Earn 1 LU | HSW**

**Speakers:** [Betsy West](#)

2:45 PM - 3:45 PM

**806: Culture as a Matter of Design**  
**B19**

We hear a lot about firm culture these days. What is firm culture, and why is it important? Are there consistent characteristics of highly successful and admired firms that find their origins in the culture of the organization? And what is the connection between culture and brand, work product, and work place? This seminar will explore the recent focus on firm culture and the emergence of brand consciousness for organizations versus products, and the inevitable introspective firm self-examination required to understand an organization's culture in order to define and cultivate its brand. Case studies and anecdotes from re-branding and cultural transformations will illustrate a path that attendees can follow to bolster and align brand and culture.

**Speakers:** [Kelly O'Keefe](#),  
[Robert Reis](#)

4:00 PM - 5:00 PM

**900: Pecha Kucha: The Best Darn Thing I've Ever Done**

**B15a**

Four presenters will have 6 minutes and 40 seconds to tell us about the best d@mn thing they've ever done as a designer. We've built some time in for discussion at the end. Join us for this dynamic session to wrap up your ArchEx experience.

**Speakers:** [Betsy West](#),  
[Nick Cooper](#),  
[Divya Nautiyal](#),  
[Serena Gruia](#)

4:00 PM - 5:00 PM

**902: Creating Healthy Environments with Advanced Paint Technology****B15c**

This course provides an overview of sustainable design and the creation of healthier environments with architectural paints. Included are discussions about the components of paint; VOCs, independent testing methods and standards; categories of LEED®; and the specification of paint systems. **Earn 1 LU | HSW**

**Speakers:** [Shipta Chawla](#)

4:00 PM - 5:00 PM

**903: Purpose-Driven Performance: Connecting Culture to Success****B16**

Welcome to the Age of Meaning. Today's era is characterized by a desire to do more, to give back, and to demonstrate how companies can act as a force for good in the world. In this environment, the brands that thrive share four key attributes: they are authentic; purpose-driven in everything they say and do; connected with their audiences through their story with empathy and compassion; and show measurable impact every step of the way. In this workshop, you'll assess your company's culture and learn how to leverage a sense of purpose to drive better performance. "When a company truly understands and expresses its purpose, it functions with the focus and strategic discipline that drive long-term profitability."--Larry Fink, CEO, Black Rock, the world's largest asset manager

**Speakers:** [Cara Bobchek](#),  
[Caitlin O'Shaughnessy Coffrin](#)

4:00 PM - 5:00 PM

**904: Washington Alley Project: Research and Public Space Advocacy****B17**

The District's population is expected to grow to over 894,000 by 2035 and, as the city is constrained horizontally & vertically, there remains potential in the 3,217 existing alleys! Through research, analysis, case studies, & interventions, WAP examines the city's informal alley network as a viable site for new modes of urban living, creating opportunities to adapt to the social and technological pressures of today without sacrificing architectural heritage. Featuring 'low-res virtual reality' technology, attendees will interact with the research concepts & proposals, recapturing the alley as a new urban typology. Attendees will learn how to position their firm to target a problem, pursue an engaging research project, & actualize efforts through engagement with local government & grants.

**Speakers:** [Elizabeth Emerson](#),  
[Mark Lawrence](#)

4:00 PM - 5:00 PM

**905: Sustainability: The New Form Giver****B18**

Sustainability has become a major architectural design criteria. Our round table discussion will clarify ways in which sustainability as a design goal can influence architectural forms, material choices, and building appearance. Can our responses to Sustainability requirements anchor our stylistic decisions so as to form a dynamic new design paradigm? Bring your concepts, ideas, and sketchbook for a visually oriented brainstorming discussion! **Earn 1 LU | HSW**

**Speakers:** [Angus Macdonald](#)

Saturday, November 9, 2019

**Networking Event**

9:30 AM - 11:00 AM

**1001: Fellows Breakfast**  
**Bookbindery Building**



Join your colleagues from the College of Fellows for breakfast. This event is open to Fellows only.

**Speakers:** [Valerie Hassett](#)