



M I S S I O N
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August 25-27, 2022
Pittsburgh, PA

Event Program



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Mission 2130 Challenge & Pitch



The Challenge

In 2006, Architecture 2030 initiated the 2030 Challenge to encourage reduced building energy consumption and greenhouse gas emissions. AIA followed with the 2030 Commitment, a national framework with simple metrics and a standardized reporting format, to provide a structure for tracking progress and to help architects meet the 2030 Challenge targets.

The year 2030 is just eight years away. What comes after the 2030 Challenge ends? Is it a new 2130 Challenge? An AIA 200 Challenge to coincide with the bicentennial of AIA?


While in Pittsburgh, each crew will refine their reverse timeline and use the responses to define and pitch a new challenge for the building industry that looks beyond 2030. Your pitch should respond to the vision for 2130 and the reverse timeline you developed during the Pre-Summit Modules. The challenge you pitch can be focused on anything related to architecture, practice, the built environment, society, climate, or the planet, but it should aim to drive change and move us toward a positive version of the future. Mission Control encourages creative, thoughtful, and, most importantly, provocative approaches.

The Pitch

Each mission crew will complete a pitch slide deck and have 5-7 minutes to present their proposed challenge to the audience on Summit Day 03. Crews may select up to three speakers who will present on stage. The audience will vote to select a People's Choice winner and Mission Control will select an Award of Merit at the conclusion of the pitch presentations.

Additionally, all groups will complete a Mission Debrief form before departing the event.

Information submitted in the Mission Debrief will be formatted and released by AIA National in the coming months and used by the Young Architects Forum to determine their strategic initiative for the next five years.

- Slide 1: Cover Slide. Teams to update text for challenge name and crew name.
 - Slide 2: Mission Control to insert final AIA logo image. Teams to state their 50 word description of their vision of 2130 during the pitch.
 - Slide 3: Teams fill out the challenge madlib (insert required info. and make all text black)
 - Slide 4: Content determined by crew (image / sketch / words, etc)
 - Slide 5: What are the goals of your challenge? How will you measure success?
 - Slide 6: List 3 actions that can be started tomorrow (literally) to help us collectively meet this challenge. At least one action should address how AIA can move this challenge forward. Actions are limited to 50 words each max.
- 

A brief history of the YAF Summits

YAF Summit is an invite-only, celebratory event commemorating the inception of the YAF and occurs on a five-year cycle. The milestone event is designed to be a future-focused event that reevaluates the needs of young architects while establishing the strategic vision of the YAF.

While the Summits were useful as opportunities to reflect on the past successes and challenges of the committee, then project ideas and solutions towards the future, the outcomes were too self-reflective and did not push the boundaries of how early career architects could contribute to the advancement of the profession. Attendees were limited to current or past YAF committee members and the outcomes showed little impact within the Institute.

Summit 15 (2007): Celebrate the Past, Design the Future

This summit aimed at providing support and programming for future leaders by developing a top ten list of issues to be addressed in the next 15 years. Six key issues were identified – Mentorship, Human Capital, Leadership Interaction Skills, Practice Management, Credibility of the Architect, and Responsibility of the Architect.

Summit 20 (2012): Top Issues for the Future

Like Summit 15, this summit aimed to identify and address issues relevant to the profession and developed an action plan to introduce six key issues at the national, regional, and local levels – Advancement of the Profession, Career Advancement, Value of Design, Starting Your Own Firm, Value of Licensure, and Economy & Change.

Past YAF Summits were available to a limited audience of current and former YAF volunteers, and focused solely on the operational efforts of the committee. In 2017 the AIA redeveloped the Summit into an application-based event open to the whole of AIA membership. Dubbed the “Practice Innovation Lab” (PIL), YAF Summit 25 asked broader questions about the profession and offered attendees the opportunity to lead the discussion on defining new practice models. Subsequently two documents were produced from the PIL: a Summit report detailing the outcomes of the event and the variety of practice models that were identified from it, and a PIL Toolkit which enabled components and other member groups to emulate the event.

Summit 25 (2017): The Practice Innovation Lab (PIL)

The Practice Innovation Lab (PIL) aimed to redefine future practice models for the architectural profession. To do this, the YAF also redefined how they engaged their 5-year summit. Attendance was no longer an invite-only, internally focused event, but became application-based and open to all members of the Institute. PIL challenged 60 emerging professionals and early career architects to develop new practice models for the profession. The workshop, paired with keynotes and networking events, pushed the boundaries on what this audience could contribute to the profession and the Institute.

Keynote speakers



**Emily
Grandstaff-Rice, FAIA**

2022 AIA President-Elect | Mission 2130 Event Emcee

Emily Grandstaff-Rice, FAIA, is a senior associate at Arrowstreet, a Boston-based architecture and design firm. With experience on a broad range of academic, hospitality, institutional, and commercial projects, her innovative design work reinforces that a building is more than its shell—it is an experience.

She has demonstrated continued and significant service to AIA, including serving as a board member; leading the national equity, diversity, and inclusion conversation as chair of the Equity in Architecture Commission and Equity and the Future of Architecture Committee; and serving as the 2014 president of the Boston Society of Architects/AIA. Throughout her career, Emily has advocated for design excellence through human-centered design, sustainability, and engaging diverse voices.



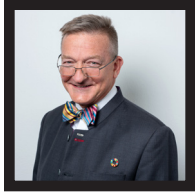
**Jessica
O'Donnell, AIA**

2022 YAF Chair | Mission 2130 Event Chair

Jessica O'Donnell is a project architect at Kitchen & Associates (K&A) in Collingswood, N.J., where she specializes in mixed-use buildings and multifamily housing. She is a 2022 AIA Young Architect Award winner, the 2022 chair of the Young Architects Forum.

Jessica's leadership advances practice by embracing technology and new practice models. She spearheads internal training opportunities for the entire office and was selected to lead the firm's first integrated design project utilizing the latest BIM collaboration platforms. Beyond her work with K&A, Jessica has volunteered with NCARB since 2017, and AIA since 2016.

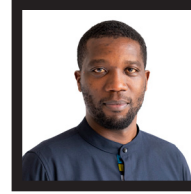
Jessica's passion for mentorship fosters growth in the profession by empowering others with knowledge sharing opportunities to increase the impact they have on society. She has been a session organizer and facilitator at five national and three regional conferences since 2016, resulting in more than 23 sessions geared toward emerging professionals. Jessica has also organized national and regional Citizen Architect panels to empower her peers to take action and she was recognized by the Institute as the August 2020 AIA Citizen Architect.



Dr. Chris Luebke

Gaining from a multidisciplinary education (geology, civil engineering, structural engineering, entrepreneurship and a Doctorate in Architecture) Chris Luebke's career to date has spanned professions and geographies. His personal learning journey, encouraged by a family of educators, led him to Vanderbilt, Cornell and eventually Switzerland. He became an academic gypsy teaching courses in Design and in Technology at the University of Oregon, the Chinese University of Hong Kong and at MIT. His research at that point focused on the confluence of the digital and physical. He created, and coded, the first web-based teaching site in architecture and subsequently dove into understanding what we now call the 'digital transformation' of the home of the future. His desire to make things real took him to the global design consulting firm of Arup in London where he led the Research and Development group. He then became an Intrapreneur by founding the Foresight, Innovation and Incubation teams and was accused by the Guardian to have a mindset "in league with the future".

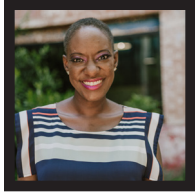
For twenty years he has been sharing his observations and insights by leading projects focused on the future for Arup, Arup's clients and for many of the world's leading institutions. He and his team have created unique tools and techniques which have progressively permeated the world of foresight and strategy. He is deeply passionate about curating constructive dialogue, insatiably curious, loves to develop future scenarios to better understand the opportunities which will be created by change and, perhaps most importantly, to evolve positive solutions to the profound challenges we face today. He joined the ETH in Zurich in 2020 as a strategic advisor to the President and Executive Board. There, founded the Strategic Foresight Hub within the Office of the President to enhance the futures literacy of the Institution, to review and rewrite the strategy process in order to help his Alma Mater continue to be one of the best technical Universities in the world. While doing all of this, he also co-founded [y]our 2040 which is an annual gathering dedicated to cocreating a coalition of the willing to accelerate the transition to a planetary boundary compatible society.



Christian Benimana

Christian Benimana joined MASS Design Group as a Global Health Corps Design Fellow in 2010. Today, Christian works as one of the firm's Senior Principals and Managing Directors and is Director of the African Design Centre, a field-based apprenticeship that is set to empower leaders who will design a more equitable, just, and sustainable world. At MASS, he serves as an operational and administrative leader, while also spearheading design/build projects, large and small, and development initiatives. Christian's significant portfolio includes the Rwanda Institute for Conservation Agriculture, the Ellen DeGeneres Campus of the Dian Fossey Gorilla Fund, and African Leadership University in Rwanda as well as the Regional Centre of Excellence in Biomedical Engineering and e-Health and Nyarugenge District Hospital.

He has extensive knowledge of the architectural industry in Rwanda, and East Africa at large and served as the Secretary-General of the East Africa Institute of Architects. Christian was recognized as one of the 2017 Quartz Africa Innovators and has been named among 10 architects and designers that are championing Afrofuturism. He has authored articles and book chapters including Re-Thinking the Future of African Cities in The African Perspective Magazine and Creating Design Leaders: The African Design Centre in Public Interest Design Education Guidebook. Before joining MASS, he worked with LongiLat Architecture and Research in Shanghai assisting with the Porsche Center in Shanghai and the Netherlands Pavilion at the 2010 International Expo. Christian holds a Bachelor of Science in Architecture from the School of Architecture and Urban Planning (CAUP) of Tongji University in Shanghai, China, and his goal is to develop the next generation of African designers with socially-focused design



Kendra Wiley

Kendra Wiley's work is as dynamic and driven as the solutions that are needed to support sustainable urban growth and a people and planet centered future. #ClimateNerd, #GenerationalCurseBreaker, #QueenCaptainPlanet, #MentalHealthAdvocate, and #MasterManifestor -- Kendra has defined her expertise through her passions, bringing unparalleled drive and attention to detail to every project.

Now as an Environmental Strategist and Consultant, Kendra is leading the future of development while driving the dialogue for creating people centric spaces. As an educationally-driven speaker, Kendra shows her audiences how they can redefine their own standards and programs to support their communities' shift towards sustainable living. In 2022 she formed Verve Legacy, LLC.; a consulting business dedicated to answering the question: Are you well?

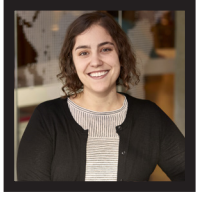
Her diverse career experience has given Kendra a unique understanding of how communities sustain their engagement with the natural environment. Through professional education and fostering her networks, Kendra defines new environmental standards and strategies to keep up with a rapidly changing industry. She is passionate about mentoring and sharing her now charted career path with young professionals.



Janki Vyas, AIA

Janki Vyas, is the principal of an emerging design and consulting firm, KARMA co/lab, which specializes in evidence-based design and environmental performance. She is also a lecturer at the Weitzman School of Design at the University of Pennsylvania, teaching architects and designers workflows for integrating daylight simulation into the design process. She's previously taught at Temple University and in the Master of Science in Sustainable Design (MSSD) program at Thomas Jefferson University's East Falls campus. In 2021, she was awarded the Provost Team Award for Interdisciplinary Education which recognized the collaborative effort leading to significant achievements by the Solar Decathlon Design Studio.

Janki is also an active member of AIA Philadelphia COTE committee and co-chairs the 2030 Working Group. She is also a committee member of ASHRAE Standard 209, "Energy Simulation Aided Design for Buildings Except Low-Rise Residential Buildings", which focuses on establishing a minimum standard for providing energy design assistance using building energy simulation and analysis.



Elizabeth Resenic

As a Sustainability Strategist at Gensler, Liz works with design teams to optimize the sustainable features of projects, ensuring their sensitivity to the environment and responsible consumption of resources. Since joining Gensler, she has worked on multiple projects ranging in scale from small retail interiors to one of the largest constructed LEED Gold certified campus, totaling over 16 million sf of work with teams in across the US. Her project work has included commercial interior, laboratory, hotel, airport, data center, and university and corporate campus typologies. Working alongside these diverse teams and organizations to develop place-based and sustainable solutions in alignment with corporate standards, these projects have led her to cultivate strong relationships with leading corporate clients. From the early days of conceptual design through technical analysis to construction and the optimization of facility operations, Liz exercises vision, creativity and passion to craft innovative solutions to the problems of future habitation that are scalable and accessible to every project. Her portfolio of work that has been born of this desire follows the ongoing growth of an optimistic designer.

Prior to Gensler, Liz was a Program Coordinator at Penn State for a Department of Energy funded Smart Grid demonstration project which sought to accelerate the deployment of advanced technologies through education & workforce development, collaborative research, specialized projects and certification services. She is a graduate of Kent State University from the Architecture and Environmental Design program.

Mission 2130 event agenda

August Wilson African
American Cultural Center
8.25.22 – 8.27.22

**Thursday,
August 25**

6pm > Mission 2130 Launch Party

Kimpton Hotel Monaco Pittsburgh
620 William Penn Place
Pittsburgh, PA 15219

rooftop beirgarten

Join the Summit attendees for a rooftop reception at the Kimpton Hotel Monaco Pittsburgh. Enjoy food and drinks as Emily Grandstaff-Rice, FAIA, Summit Emceee, kicks off the event with a warm welcome.

Friday, August 26

August Wilson African-American Cultural Center
980 Liberty Ave
Pittsburgh, PA 15222

7:30am - 8:15am > Fuel Up (Breakfast)

8:15am - 8:25am > Opening Remarks
Summit Emcee: Emily Grandstaff-Rice, FAIA

8:25am - 9:10am > The Future is Oversold and Underimagined
Keynote Speaker: Chris Luebke, PhD

Architectural Futurist, Dr. Chris Luebke probably has repeated this phrase hundreds of times as a leader in the world of foresight and strategy. But, who oversells? Who under imagines? What does this really mean for us, as the creators of the built environment? In this interactive presentation, Dr. Luebke will share some of his insights from almost 25 years of foresight practice and why he believes that Architects are so critical to the very survival of civilization as we know it.

9:10am-10:00am > The Architecture of Health
Keynote Speaker: Christian Benimana, RA

Afrofuturist, Christian Benimana of MASS Design Group has an extensive knowledge of healthcare and community focused architecture. Join the Summit attendees as he walks you through his work and how engaging the community creates empowerment and long-lasting change.

10:00am > Break

10:05am - 12:15pm > Mission Crew Breakouts
Attendees will split into their Mission Crews to further refine their narratives and actionable steps towards the future. Sign up for an afternoon mentor session if you need more insight or critique.

12:15pm - 1:00pm > Dock & Refuel (Lunch)

1:00pm - 2:00pm > Mission Crew Breakouts & Mentor Sessions
Attendees will regroup to continue their work. Crew captains or elected team members may now meet with the keynote speakers and mentors to further refine their narratives.

2:00pm - 3:00pm > People + Planet over Profit
Panel Discussion: Janki Vyas, Kendra Wiley, Elizabeth Resenic

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3:00pm - 5:00pm > Mission Crew Breakouts & Mentor Sessions
Attendees will regroup to continue their work. Crew captains or elected team members may now meet with the keynote speakers and mentors to further refine their narratives.

5:00pm > Day 1 Closing Remarks
Summit Emcee: Emily Grandstaff-Rice, FAIA

6:00pm > Dinner

Bar Marco
2216 Penn Ave
Pittsburgh, PA 15222



Saturday, August 27

August Wilson African-American Cultural Center
980 Liberty Ave
Pittsburgh, PA 15222

7:30am - 8:15am > Fuel Up (Breakfast)

8:15am - 9:30am > Mission Crew Final Prep

9:30am > Break

Mission crews will give their final deliverables to Mission Control.

9:45am - 11:30am > Presentations & Voting

Representatives from each Mission Crew will share their presentation via 5-minute, Pecha Kucha Style presentations. After all presentations have been given, the audience will vote on the most compelling presentation to pursue in more detail following the Summit.

11:30am - 12:00pm > Mission Debrief

Mission Crews will share their final thoughts and impressions about the Summit. Mission Control will discuss next steps.

12:00pm > Closing Remarks

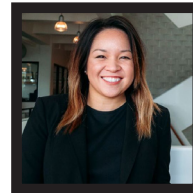
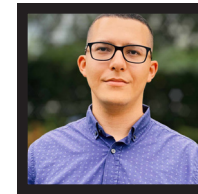
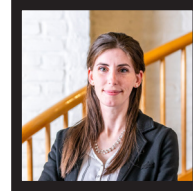
Summit Emcee: Emily Grandstaff-Rice, FAIA
Summit Chair: Jessica O'Donnell, AIA

12:15pm > Refuel & Group Photo

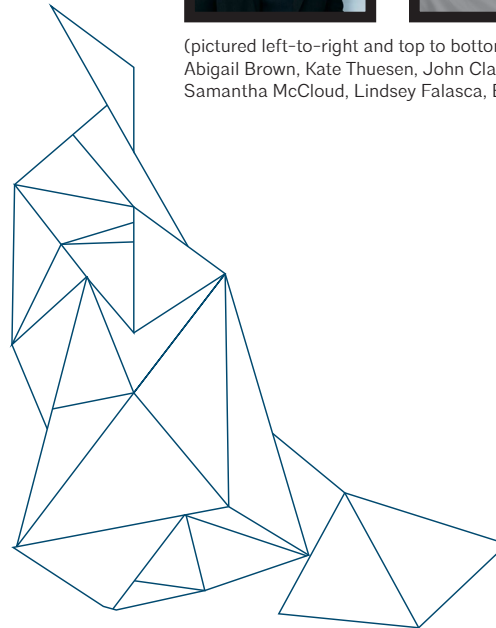


Summit Steering Committee

**Thank you, YAF Summit
30 Steering Committee!**



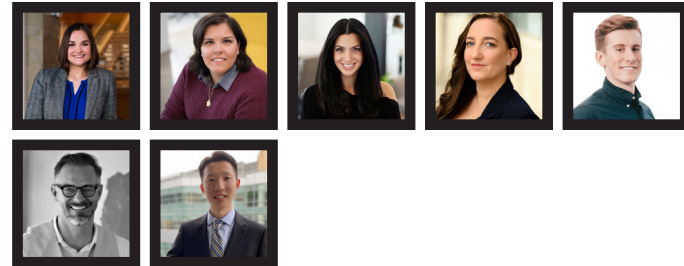
(pictured left-to-right and top to bottom: Jessica O'Donnell, Matt Toddy, Abigail Brown, Kate Thuesen, John Clark, Desmond Johnson, Samantha McCloud, Lindsey Falasca, Brian Ringley.)



Mission Crews

Mission Crew 01: The Planetears

Abigail Brown, AIA | Anastasia Markiw, AIA | Dena Prastos, AIA | Ashley Rybarczyk, AIA | Cam Simko, AIA | Peter Soutowood, AIA | Joey (Zhongen) Xu, Assoc. AIA



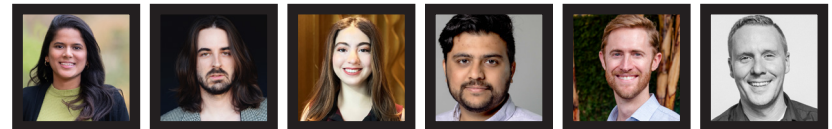
Mission Crew 02: Form Follows Function

Shonali Bose, AIA | Wendy Flores, Assoc. AIA | Josh Flowers, FAIA | Carrie Parker, AIA | Jacob Smiley



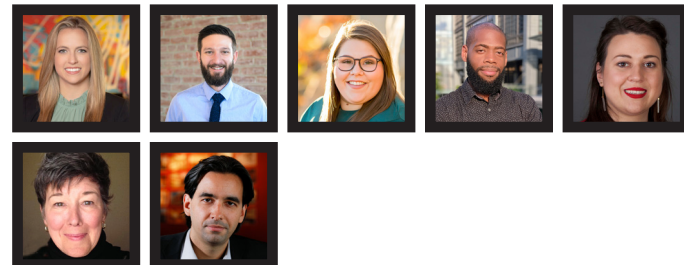
Mission Crew 03: Archinaries

Pratiksha Achari, Assoc. AIA | Ethan Coverstone, AIA | Esin Erk | Huzefa Juzer Jawadwala, Assoc. AIA | Andy Sternad, AIA | Matthew Toddy, AIA



Mission Crew 04: Janus

Kristen Cullen, Assoc. AIA | Seth Duke, AIA | Taylor Falcon | Desmond Johnson, AIA | Taisa Peree-Sehic, Assoc. AIA | Kate Schwennsen, FAIA | Andre Soluri, AIA



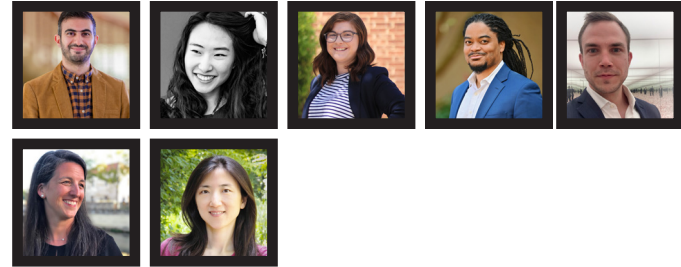
Mission Crew 05: RE/ACTIVE

John Clark, AIA | Evelyn Lee, AIA | Randa Malkawi | Elysia Mikkelsen, AIA |
Matthew Szymanski, AIA | Paul Wolfe, Assoc, AIA | Sarah Woynicz-Sianozecki, AIA



Mission Crew 01: The Planetears

Ali Lari, AIA | KK (Wanqi) Loy, AIA | Jordan Millet, Assoc. AIA | Mitchell Ramseur, AIA |
Nathan Streiter, AIA | Kate Thuesen, AIA | Wei Zhao, AIA



Mission Crew 06: Form Follows Function

Weston Burrer, AIA | Brien Graham, AIA | Rosalie Howell, Assoc. AIA | Ashlie Boelkins, AIA |
Marisa Nemcik, AIA | Elise Puritz | Jason Takeuchi, AIA, PhD



Mission Crew 07: Future OCCUR

Obed Eriza, Assoc. AIA | Maureen Ferry, Assoc. AIA | Adriana Contarino Henry, Assoc. AIA |
Kyle Palzer, AIA | Beresford Pratt, AIA | Wei Wang, AIA | Anna Carizza Zamora

