

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

ARCHITECTURAL PRACTICE COMMITTEE

QUARTERLY JOURNAL

FOUNDING OF THE APC

As many of you know, the Society of American Military Engineers (SAME) will be celebrating its centennial in 2020. For nearly a century, SAME architects have been collaborating with engineers and other disciplines in AEC industries to identify and resolve national security infrastructure-related challenges.

Among our architectural pioneers, notable architect Max. O. Urbahn, F.SAME, FAIA, the president of AIA in 1971-1972, had a great impact and influence in the Society. To recognize architect's contribution to the Society and to national security, SAME established a national medal in honor of him in 1996. Appropriately named the Urbahn Medal, it is awarded annually to one SAME architect for distinguished performance in the field of architecture.

In 2011, I was honored to receive this prestigious Urbahn Medal for my work to rebuild the U.S. Navy's only recruit training command at the Great Lakes Naval Station, Illinois; and the U.S. Strategic Command Headquarters in Omaha, Nebraska. I fully realized that with honor comes responsibility. I noticed there had not been a cohesive voice representing architects at SAME, and started to ponder if I could do something meaningful to bring SAME architects together as a group. Approaching then Executive Director Dr. Bob Wolff and SAME headquarters staff, I was able to communicate with all past Urbahn medalists who were still active at the time and expressed to them the idea of forming an Urbahn Medal group

to promote architecture practice within SAME. To my surprise, all of them – Terry Emmons, Gary Lynn, Gary Anderson, Dave Thompson, Barbara Price, Leo A. Daley, Larry Enyart, Terry Deglandon, Steve Bettis, Richard Corner, and Chris Ions, were excited and supportive of this idea.

Formation of Urbahn Group.

In the summer of 2011 at the SAME Executive Forum in Chicago, I met with Gary Lynn for the first time to discuss in detail how we could move forward. I remembered Gary told me: "JJ, we should start small but with measurable success in a short time frame. We need to identify a meaningful event to kick it off with a bang." I was excited and encouraged by our conversation, and scheduled our group's first conference call to brainstorm our objectives and discuss what this special event might be. We came up with three objectives – promoting architectural practice within SAME; broadening SAME in architectural community; networking and mentoring. We also decided to target the 2011 SAME Great Lakes/Ohio Valley regional conference to launch our first event – a panel discussion of design excellence in DoD facilities.

Coming Out of the Gate with A Bang!

The group decided to have David Thompson, Chris Ions, and me presenting our architectural work and discussing what high-quality design means in DoD facilities and how it could improve DoD



JJ Tang, AIA, LEED AP
 Founder and Chair SAME APC
 2010 Urbahn Medal Recipient

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WELCOME LETTER



David Packard, RA, PMP
Vice Chair of Communications,
APCQJ Editor

JETC 2016: “Get Inspired – Build Connections – Share Ideas”

The Architectural Practice Committee will again join the greater SAME community for a few days in May to renew acquaintances and make new friends with our partners located throughout the world during the 2016 Joint Engineer Training Conference and Expo, May 24-26, 2016, at the Phoenix Convention Center. It is appropriate that this global event will host a keynote speaker with a very different perspective, astronaut Mark Kelly. Opening our minds and hearts to one another has been among the greatest benefits of membership in this committee and this Society. It is so easy to become entrenched in our individual positions and our individual lives. Three years ago, I took a chance and stepped aboard this APC vessel not knowing where it would take me. With a capable crew and captain, we have navigated through places I never would have dreamed possible as a public agency employee. The journey has yielded unexpected knowledge through shared experiences and allowed us all to explore our own ideas. Mark Kelly has said, “Space exploration is about pushing people forward and gaining new knowledge.” In fact, if I’ve learned one thing, it is that knowledge does not come without extra effort and it does not come in a singular fashion to individuals on solitary paths. Together, we can do

so much more. I am honored to have participated in this committee under a great leader, JJ Tang, but I am also humbled by those who came forward to join us. I look forward to joining the entire APC crew at JETC 2016 as we welcome new members in the continuation of our expedition and the exploration of as yet uncharted territory.

The APC has been a key player in the development of JETC 2016 with nine sessions on the agenda directly related to the work we all do. Please join us for the session titled “Work of the 2015 Urbahn Medalist and Forum of the Architectural Practice Committee” from 9:30 am – 11:30 am on May 24, 2016. The session will include an overview of the 2015 SAME Urbahn Medal recipient’s architectural career in Military Housing, both on active duty in the U.S. Navy Civil Engineers Corps and as a civilian followed by the SAME Architectural Practice Committee and DoD Military Construction Practice.

Wishing you the very best...

A handwritten signature in black ink that reads "dave" followed by a long, sweeping horizontal line that ends in a small dot.

“There is no fruit without relationships”
- A. Anthony Smith

NEXT QUARTERLY CALL

The Architectural Practice Committee will host a quarterly conference call on **Thursday, April 28, 2016 from 12:00 – 13:15 EDT**. Video conference call-in number: For web connection, go to: <https://www.spiderphone.com/05698937> (This link will help connect both your browser) and dial **+1 212-812-2800** and enter code **0569 8937** for phone connection.

Time:

12:00 to 13:15 EDT
11:00 to 12:15 CDT
10:00 to 11:15 MT
09:00 to 10:15 PT
08:00 to 09:15 AKDT
07:00 to 08:15 HST

The agenda for the quarterly conference call includes an update on committee focus area initiatives, open discussion, and 1 AIA LU/HSW/SD credited presentation.

The AIA credited presentation will be given by **Dan Soto, P.E.**, titled **“Air Force Facility Energy Program Update.”** The U.S. Air Force spends \$1B annually on facility energy at its sites across the globe. The Energy Directorate of the Air Force Civil Engineer Center (AFCEC) assists and supports 184 total force installations with reduction of energy costs and consumption while enhancing mission assurance through energy assurance. This course explains the methods and practices AFCEC Energy uses to promote Air Force Facility Energy programs.

Learning Objectives include:

- Provide familiarity with the Air Force facility energy programs and strategies.
- Provide knowledge of the details of the Air Force direct investment program.
- Provide knowledge of the details of the Air Force alternative financed programs.
- Provide knowledge of planned Air Force efforts to increase mission resiliency through clean and affordable energy solutions.

Mr. Soto was born at Seymour-Johnson AFB, NC, and raised in Montgomery, AL. He graduated from the University of Alabama with a Bachelor of Science in Civil Engineering and received his commission from the Reserve Officer Training Corps in 1989. He holds a Master of Military Operational Art and Science from Air Command and Staff College.

His assignments include: Design Engineer, Environmental Flight Deputy, and SABER Flight Chief at Luke AFB, AZ. Mr. Soto was then an Environmental Engineer at the Air Force Center for Engineering and the Environment, Brooks AFB, TX (now AFCEC) and Headquarters Air Education and Training Command, Randolph AFB, TX (HQ AETC). He then moved overseas as Program Manager for the Aviano 2000 Construction Program, Aviano AB, IT and Deputy Base Civil Engineer at RAF Mildenhall, UK.

Recent assignments include: Asset Management Division



Dan Soto, P.E.
Urbahn Medal Recipient

Chief at HQ AETC, Student at Air Command and Staff College, and Chief, Utilities Privatization at Air Force Civil Engineer Support Agency, Tyndall AFB, TX (now AFCEC).

He is currently the Energy Analysis Division Chief for the Air Force Civil Engineer Center at Tyndall AFB, FL.

After nearly four years of active duty, Mr. Soto spent more than nine years in various Air Force Reserve Civil Engineering assignments, attaining the rank of Major before separating. He is the Panama City SAME Post Immediate Past President and is a registered Professional Engineer in Texas.

LAST QUARTERLY CALL



Barbara M. Price, FAIA
2003 Urbahn Medal Recipient

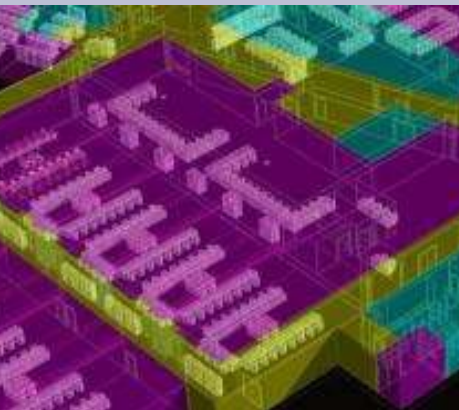
Architectural Practice Committee Chair, JJ Tang, welcomed participants to the call on January 27, 2016 with a review of the three primary components of the APC mission statement which include 1.) promote SAME participation by the architecture community, 2.) broaden the exposure of architects within SAME, and 3.) maximize opportunities for networking and mentoring. JJ also shared the intent for Paula Loomis to take the reins as Chair of the Architectural Practice Committee after JETC 2016. Upcoming conferences included the Small Business Conference, DoD Briefings, and JETC. Rad Delaney solicited four reviewers for abstract submissions for JETC (those 4 volunteers completed that effort, making final selections from a large pool of great topics). We also heard from many Post APC Liaisons including Yvonne Lee Simon (Pensacola Post), Bill Santer (NoVA Post), and MaryAnn O'Hara (Lake Michigan Post). JJ also encouraged those on the line to consider submission for the Urbahn Medal, due in February.

The professional development webinar, titled "Military/Federal Architecture: A Catalyst for Advancing Best Practices" was presented by Barbara Price, FAIA, BMP Architecture LLC. Barbara was a past recipient of the Max O. Urbahn Medal – Outstanding Architect

and the Department of Defense Charles Trainer Medal – Outstanding Contributions to A/E Practice.

Barbara shared her journey from small family practice through master planning and project programming from the private industry perspective in the delivery of Military/Federal projects. When considering the difference between Military/Federal projects and those in private industry, Barbara praised the public sector for embracing the design charrette process and working with 80% of the information necessary to complete the projects. While project definition is a strong suit, she questioned how we can change the perception of Military/Federal architecture as boring. The challenge is to "justify" aesthetic matters in response to programmatic and budgetary constraints. In most cases, projects are mission-driven and purposeful, but we certainly do not receive direction not to create attractive facilities. In fact, given the long life span of Military/Federal facilities, construction quality must be higher than those in private industry. Barbara takes design quality seriously and appreciates the diversity of Military/Federal work...all leading to a very high degree of career satisfaction.

Slides of the entire presentation are available at <http://www.same.org/Architectural-Practice> under "Quarterly Call Presentation."



*Above: BIM - USACE Roadmap
Right: Advance Planning, Programming,
Space Types - USACE Battle Command
Training Centers*



UPCOMING SAME EVENTS

APRIL 2016

9th Symposium on Design and Construction Issues at Hazardous Waste Sites

April 20-22
Double Tree Center City,
Philadelphia, PA

Resilience Roundtable - Designing and Building 22nd Century Infrastructure

April 25
George Mason University,
Arlington, VA

MAY 2016

SAME Huntington Post Small Business Conference

May 10-11
Marshall University
Huntington, WV

SAME Panama City Post Industry Day & STEM Golf Tournament

May 11-12
Edgewater Beach & Golf Resort,
Panama City Beach, FL

SAME Buffalo Post Industry Day

May 12
Webb Banquets, Buffalo, NY

Spring Golf Fundraiser - Carolina Trace

May 13
Carolina Trace Golf Course
Sanford, NC

Phoenix Post Golf Tournament

May 24
The Legacy Golf Resort
Phoenix, AZ

2016 JETC & Expo

May 24-26
Phoenix, AZ

JUNE 2016

Savannah Post Golf Tournament & Program Review

June 14-15
Savannah Marriott Riverfront
Savannah, GA

29th Annual SAME Liberty Golf Classic

June 20
Blue Bell Country Club
Blue Bell, PA

SAME Scholarship Golf Tournament - Albuquerque

June 24
Tijeras Arroyo Golf Course
Kirtland AFB

SAME Kittyhawk Post 2016 Industry Day & June Luncheon

June 30
Wright-Patterson AFB, OH

JULY 2016

2016 Annual SAME Scholarship Golf Tournament - Mt. Tacoma

July 19
Gold Mountain Golf Club
Bremerton, WA

For more information on upcoming SAME events visit:
<http://www.same.org/calendar>



COMMITTEE LIAISONS

The APC liaisons help coordinate architectural programs within their local SAME post as well as coordinate shared programs between SAME and local architectural organizations.

If you are interested in becoming a SAME Architectural Liaison, please contact Daphne for more information: gurrimatutepa@gmail.com

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Tampa	Steve Tozer	Steven.Tozer@hdrinc.com	HDR

COLLABORATION WITH AIA

Collaboration...it kept ring in my ears as I explored some new American Institute of Architects (AIA) sites recently. I am so fortunate to have access to a great team of collaborators within the broader circle of the SAME and the Architectural Practice Committee... Yvonne Lee Simon is one of those great, fearless people who share their thoughts so generously. Recently, she shared a site, new to me, on facebook. It is the AIA's new (to me) video site called **#ilookup** at <http://ilookup.org/>. The site celebrates the special opportunity for vision we are given, as architects, to see the world and synthesize what we see. Rich with content in clean and simple format, the site includes News and Blogs, photos, and amazing videos in a shared web environment. The site CHALLENGES us to discover and then share those discoveries. With a thesis that "Fewer people understand the vital role architects play in our society" and the stated goal that "The American Institute of Architects wanted to help

change that", the #ilookup team set out to "reignite interest and appreciation...and demand for what architects do..." (Roy Spence, The Purpose Institute).

When I think about the Architectural Practice Committee, the **#ilookup** team goals are not so very far from the goals the APC have set. Finding common ground and using the tools and language that we all share can work to our collective advantage. While the APC may not have the budget to prepare high quality videos and a dedicated website, awareness of our professional environs may inspire us to seek similar paths.

On a local level, many Posts have already initiated collaborative activities and we can share those ideas and experiences within the pages of this publication. You are encouraged to develop and strengthen relationships between SAME and the AIA on any and all levels. Please bring your stories to OUR APC team. Collaborate! - David Packard, RA, PMP



Left: PensaCAN 2016 Build Team

The Pensacola Post, once again, joined forces with STOA Architects to participate in the first annual PensaCAN competition. Northwest Florida AIA co-sponsored the event with Manna Food Pantries a local, grassroots nonprofit organization dedicated to fighting hunger in Escambia & Santa Rosa counties. The event coincided with Pensacola's annual comic and

Sci-Fi convention, Pensa-Con. The event raised over \$1345 and 4,021 pounds in food for the community. The STOA Architects and SAME team used over 1,200 donated cans to create the People's Choice winning sculpture of the Star Wars X-Wing Fighter.

SAME Pensacola assisted by donating cans as well as providing help in building the winning sculpture.

2016 URBAHN MEDALIST RECIPIENT

Captain Robert Harris, FAIA, LEED AP, USN (Ret)



**Captain Robert P. Harris FAIA,
LEED-AP, USN (Ret)**
2016 Urbahn Medal Recipient

Captain Robert P. Harris, FAIA, LEED-AP, USN (Ret) has focused his work on creating neighborhoods for military families which foster a strong sense of community, belonging and esprit de corps. He is currently with Naval Facilities Engineering Command Headquarters in Washington, D.C. where he serves as Director, Special Venture Acquisition leading the execution of the Military Housing Privatization Initiative program for the Department of the Navy. This organization has provided homes to more than 62,000 Navy and Marine Corps families and 6,500 unmarried Sailors.

Harris leads teams that are made up of a broad spectrum of senior professionals from the public and private sector, representing a diverse combination of architects, engineers, real estate specialists,

housing managers, and some of the nation's leading design, development, construction and financial institutions. He is responsible for development, acquisition, execution, design and construction, oversight, monitoring and management of public-private venture housing portfolios supporting the Navy and Marine Corps. The Department of the Navy's investment portfolios currently includes over 40 projects with a total asset value of approximately \$10 billion. This is the program that has transformed Department of the Navy housing into the modern, well-maintained and operated communities that service members and their families rely upon today. New and renovated homes enhance the quality of life for service members and their families and each neighborhood supports families with community centers and



1st Military Neighborhood certified to LEED ND – Hawaii



Dolphin Gardens, Navy Northeast Housing w/Solar Panels



Navy Housing Charleston, SC

recreation facilities, including tot lots for small children, youth centers, swimming pools, playing courts and schools. All improvements enhance the community in general and foster camaraderie during periods of long deployments. Since the inception of this program resident satisfaction, as measured by independent surveys, has climbed from 68.4 (Below Average) to 82.6 (Very Good).

The Navy housing privatization program utilized a \$1.3 billion cash investment for \$9.3 billion in equivalent military construction development costs. Approximately 35,000 homes were newly constructed or renovated in the process. The current objective of the privatization program on the long-term sustainability of the portfolio to provide quality, safe and affordable homes and neighborhoods for service members and their families for the term of the business agreements, typically 50 years in duration.

This is accomplished through:

- Evaluation of metrics and forecasting the financial strength of each project to ensure adequate resources are available for future recapitalization of housing assets
- Utilization of energy efficient systems and promoting an energy efficient culture with residents
- Incorporating renewable energy systems to reduce expenses and carbon footprint
- Preservation of historic assets for future generations

Prior to privatization of Navy housing, there were few constraints placed on the occupants regarding their use of energy and other utilities. In 2012 Harris lead the implementation of the Resident Energy Conservation Program, created to reduce energy consumption throughout the Department of the Navy housing portfolio. As of June 2015, achieved approximately 16.5% in energy conservation equating to: 51,123,895 kWh of electricity, \$10.5M worth of electricity, 35,378 tons of CO2 emissions avoided and removing nearly 6,688 cars from the road for one year. Each dollar saved through energy efficiency goes directly into accounts for the long-term sustainability of the portfolio. Harris is also leading a current initiative to green Navy housing by partnering with Renewable energy companies to both reduce the cost of energy to the Sailors while reducing dependence on non-renewable fuels. To date, four agreements have been made with an anticipated cost savings of \$187M and up to 1.4B kWh reduction in non-renewable energy.

For Harris, sustainability has a dual focus: the long-term viability of the program to provide high-quality, safe and affordable homes for military members for the 50 year term of privatization, and to ensure the environmental impacts from these housing developments are minimized for current and future military generations through the efficient use of materials, energy and development space. **APC**

Art of the Airport Tower

An Exhibition at the Smithsonian National Air and Space Museum



Laura Lavelle, AIA
APC Dallas Post Liaison
Jacobs Buildings and Infrastructure

“... watching over the vastness of the airport and sky; a non-judgmental cultural greeter; a choreographer or conductor; a mother bird caring for her flock; an omniscient, intelligent structure keeping humans safe.”

The language Carolyn Russo uses to describe the subject of her series of photographs is as exquisite as the images themselves. You should see her work, now featured in an exhibit entitled “Art of the Airport Tower” at the Smithsonian National Air and Space Museum and published in an accompanying book. Prominent architects with tower designs in the exhibit include Eero Saarinen, Ricardo Bofill, Richard Rogers, and Santiago Calatrava. Featuring 85 towers from 23 countries, the book includes stunning portrait after portrait of both contemporary and historic towers, and beautifully captures their personalities and stories.

The stories behind the project are astonishing as well. Russo’s interest began in 2006, after flying into LaGuardia and noticing the tower’s creamy white concrete and round windows. She told Wired Magazine that she “realized the beauty encapsulated in this structure and began my search to explore other towers”. Russo spent nine years researching and photographing her subjects. Her project accelerated in

2009 when she was at a Smithsonian dinner function. She explained her project to the man sitting next to her, who was wearing an FAA badge, and asked if he knew anyone that may be able to help her obtain access and permissions to photograph the towers. He replied “that would be me”; she was seated next to the acting administrator of the FAA.

The Art of the Airport Tower documents the evolution of both the



Photograph courtesy of Joseph Romeo



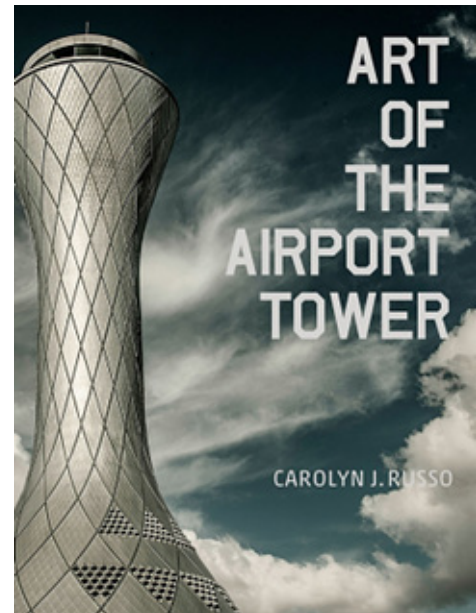
Sketch courtesy of Steve Wakeman, Jacobs

tower functions and architectural styles. The captions reveal anecdotes and attributes of each tower. If your travels take you to Washington D.C. before November, 2016, make sure to visit the Art of the Airport Tower at Smithsonian National Air and Space Museum. If you're flying in to Phoenix for the Joint Engineer Training Conference (JETC), you will be welcomed to the Valley of the Sun by Phoenix Sky Harbor's newest tower. It opened in 2007, and at the time was the fourth busiest airport in the world.

As the Art of the Tower's PHX caption states, "The architect, Steve Wakeman of Jacobs, designed the

tower with the natural environment in mind. The color of the concrete was specifically matched to the local Papago Rocks."

For more information about the exhibit visit the Smithsonian National Air and Space Museum exhibit's website: <https://airandspace.si.edu/exhibitions/airport-towers/> APC



Photograph courtesy of Carolyn Russo

ARCHITECT'S SKETCH CORNER

I've been inspired by the sketches that appear in this section to sharpen up my skills again. In college, we'd head out to sketch views of the city and I never felt comfortable with the exercise. One of my favorite exhibits at the AIA Convention has always been that of the American Society of Architectural Illustrators and, within that, the quick studies are my favorites. I still value the ability to lay down an architectural concepts in a few strokes. I'm still trying to figure that out.

This is the view out my window at the office, doodled during a phone call. The hill slopes up and westward and presents the eastern face of Omaha Central High School, built in 1900 and 1912, in two phases. Classes started on the site in 1859 in a structure located within the courtyard of the new building. This building was designed by John Latenser, Jr. in the style of the Second Renaissance Revival, and prominently occupies the

highest ground in the city. The civic center buildings in the foreground will soon be demolished and give the building new prominence. I'll miss this view of the school peeking around the larger more modern structures.

Submit your sketches to ysimon@stoarchitects.com



□ *continued from page 1*

and the federal built environment. Three of us set up phone conversations with Barbara Price to review our session preparation progress. With the full support of Bob Wolff, SAME, then President RADM Chris Mossey accepted our invitation to be our moderator. The event was a big hit with great positive feedback. The Urbahn Medal group started to appear on SAME national leadership's radar screen!

At the time when I met Gary Lynn at SAME Executive Forum in Chicago, I also had the opportunity to meet Paula Loomis, then sustainable manager of USACE HQ, at our small group discussion session. A few months later, knowing Paula was selected to receive the 2011 Urbahn Medal, I invited her to join the group, and we instantly clicked. In the spring of 2012, I happened to be in DC for business, Paula and I met in the Pentagon City Mall for lunch. We brainstormed many ideas to elevate our initial plan to the next level. We thought we should focus on 2012 JETC as our next big event.

Connecting with Service Branch Architectural Leaders.

Due to our success at the 2011 SAME Great Lakes/ Ohio Valley regional conference, I was asked by the 2012 JETC committee to chair the Design & Construction track. We knew as a group, we needed to further advance the agenda of high-quality design in DoD built environment. The most effective way to do that is to invite the lead architects of the Army, Navy and the Air force to talk about "Design Quality – Policies, Perceptions, Values, and Metrics". The group quickly got to work and invited Scott Wick from USACE HQ, Kathleen Reid from NAVFAC Atlantic, and Gene Mesick from AFECC (Air Force Center for Engineering and Environment) to be our speakers on this topic and Dave Thompson was the moderator. This event drew a very large audience, and became an instant success as one of the most attended sessions at the conference. In the following years, after founding of Architectural Practice Committee (APC), inviting lead architects of the service branches to speak about the current state and future direction of architectural practice in their respective agency has become a signature event at JETC, sponsored by APC.

Establishing a Tradition.

We realized in order to effectively work together to promote our great cause, we needed to take every opportunity we can have to get to know each other better and to build strong relationships and friendships. A social outing for the group to do just that

at JETC was an idea that resonated well with us. The 2012 JETC happened to be in St. Louis, Mo and Paula Loomis, as that year's Urbahn recipient, suggested and organized our social outing at College of Architecture, Washington University, her alma mater. The College of Architecture invited us to tour their school as well as University's museum. We had such a wonderful time together. The idea of a social event at each JETC to celebrate Urbahn award was born. The renowned Salk Institute in San Diego (for Phil Tobey), the wonderful Disney Magic Kingdom theme park in Orlando (for Charles Enos), and the famous Menil Collection in Houston (for Harley Hightower) have all graciously received our group in the following years. This event not only allows us to develop deeper friendships and rejuvenate our commitment to serve for a good cause, but also offers SAME an opportunity to connect with other architectural and social institutions.

The Birth of SAME Architectural Practice Committee.

I was invited to a NAVFAC change of command in the Navy Yard on October 27, 2012 when RADM Chris Mossey handed over the command to RADM Kate Gregory. SAME Executive Director Bob Wolff was also there. After the ceremony, Bob and I had a discussion about the current state of Urbahn group and what it might be evolving. Bob was very impressed with what we had been able to accomplish and was thinking about the idea of evolving the Urbahn group into a formal SAME mission-focused committee to further promote architectural practice and bring SAME architect together. He asked me if I would be interested in chairing this committee. I was very excited yet humbled to be asked to take on this important role. After consulting with my employer, HDR, and discussing with Urbahn group, I was 100% on-board to lead this committee with the support of my fellow Urbahn medalists and other SAME architects.

On November 16, 2012, at the request of Dr. Bob Wolff and with the approval of SAME Executive board, SAME, for the first time in its 92-year history, established the Architectural Practice Committee (APC), one of the eight national mission-focused committees at the time.

Start of a Unique Professional Publication.

Once the committee was formed, one of the first tasks was to find an effective way to communicate with our members and provide a voice for the committee. A quarterly newsletter is a good way to



SAME APC meets with AIA National to sign the MOA

send out announcements, events, etc. However, as a professional committee, I felt we needed to offer more technical and educational content to our members in our newsletters, but I would need an editor to pull this off. Ed Gauvreau, USACE architectural liaison to the committee suggested I should talk to David Packard, an architect at USACE Northwestern Division. I called David the next day, discussing the potential influence of this Newsletter on SAME architects, and what it could mean to us. At the end of our 30-minute conversation, he was completely on board. We were off running on our inaugurated issue of APC Quarterly Journal (initially The APC Newsletter).

What was more appropriate than writing an article about the professional life of Max O. Urbahn, the history of the Urbahn Medal, and its past recipients since this is how our journey started. Dave Thompson took on this assignment, spending 6-month doing research for this article – titled “The History of the Urbahn Medal” as the feature article of our inaugurated issue of APC Quarterly Journal. It went out to over 800 SAME architects and our collaborators on July 23, 2013. In every issue followed, there is always a feature article written by a subject matter expert that offers meaningful professional information as our Journal’s anchor piece. With eye-popping graphic design and

layout by Yvonne Lee Simon, this approach has proven to be a big hit, and the APC Quarterly Journal has been viewed as a great committee publication by SAME leadership; it also linked directly to the AIA Public Architect Committee website and posted on the SAME main website.

Signing MOA with AIA.

We always knew as a committee for architects doing work in DoD and federal built environment, we have to collaborate with our peers from AIA. Paula Loomis, our vice chair for communication, and Ed Gauvreau, our USACE architectural liaison, happened to be heavily involved at AIA national level as well. They took on the task of establishing a formal partnership between SAME and AIA. In January 2015, after one year of planning and discussion between these two organizations, SAME Executive Director Brig. Gen. Schroedel, SAME HQ staff, and the APC leadership team including Paula Loomis, Ed Gauvreau, Dave Thompson, and I met with AIA CEO Robert Ivy at AIA headquarters in Washington DC to sign the Memorandum Of Agreement for the SAME Architectural Practice Committee and the AIA Public Architects Knowledge Community.

Since the signing of the MOA, the two committees



SAME APC at the Menil Museum in Houston, JETC 2015

have been sharing information and opportunities, and promoted common goals for the advancement of the profession, including “growing the tent” of public architecture and increasing its exposure beyond the constituencies of AIA and SAME.

Best Yet to Come.

Within four years of its founding, APC became a success story about how a national committee can energize its members and bring them together to benefit the Society.

I am very grateful to be able to work along your side, and for your friendship and partnership in promoting what we do within SAME as well as AIA in the last four years.

As I am passing the baton to Paula Loomis, reflecting how far we’ve come, I can not help myself but thinking tomorrow will be even a better day for us who are on this journey together. **APC**

SAME APC MISSION:

The mission of the Architectural Practice Committee is to promote architectural practice within SAME, broaden the organization’s exposure in the architectural community, and recruit more architects, along with expanding networking and mentoring opportunities.

Dame Zaha Mohammad Hadid

October 31, 1950 - March 31, 2016

“ZAHA HADID AND SUPREMATISM”

by GALERIE GMURZYNSKA

Who inspired you as a young architect or architecture student? Zaha Hadid was introduced to the Russian avant garde through an introduction to it by one of her first teachers at the Architectural Association School of Architecture, Elia Zenghelis. Later in the AA, she was assigned a project to incorporate a sculptural work of one of the great artists of the movement, Kazimir Malevich, into a physical architectural solution. The resulting collision of art and architecture would remain with Hadid through the remainder of her life. The explosive nature of the art form lends itself in a wonderfully dynamic way, resulting in spatial forms that leap from the ground on a grand scale. Exposure to those early products of the “October Revolution” helps understand the amazing and

exuberant projects by Ms. Hadid.

This book is a luxurious volume, produced on thick, museum quality paper, each page heavy with content. Overall, it is a fantastic volume, a collection created by the Galerie Gmurzynska, containing works that are a celebration of the 2010 Exhibit titled “Zaha Hadid and Suprematism”, exhibited in their galleries in Zurich, London, and Miami. Published in Germany in 2012, the book is organized with essays of white text on black fields interspersed with pages of the great works by the Russian artists of Suprematists and the art and architecture of Hadid.

“Zaha Hadid and Suprematism” is a rich, sensual experience that brings one closer to understanding the work of a great architectural goddess. I recommend it without reservation!

BOOK REVIEW

David Packard, RA, PMP
Vice Chair of Communications,
APCQJ Editor



LOSS OF AN ICON: ZAHA HADID

Architecture has lost an icon. She was best known for her parametric designs and the fact that she was a woman; however, Zaha Hadid was an inspiration to both men and women in architecture. I read several pieces about Zaha Hadid the day news of her passing broke. I was in disbelief as I read the coverage across the Internet.

Much like Tegan Bukowski (New York Times), I don't want to focus on the fact that Zaha Hadid was a female architect. Her legendary architecture speaks for itself. In fact, I recall the first time I saw a images of her proposed *Phaeno Science Centre (circa 2004)*, I had no idea she was a female architect! Her architecture won me

over even before I knew she was a woman.

Zaha Hadid has done what all architects strive to do with their work: inspire. Her work will forever be a testament to pushing the boundaries of design and material, all topped off with breaking the norms of women in architecture.

Since her passing her firm has expressed that they are committed to carry on her practice just as she would have wanted. Her first, posthumous work was inaugurated just this week: [Salerno Maritime Terminal](#).

Though she's gone we are fortunate that she left behind a legacy of magnificent architecture.



Yvonne Lee Simon, AIA, NCARB
YMC APC Liaison
APC Post Liaison
APC Graphic Designer

FEATURE FIRM



C O M P A N Y

Health Facility Solutions Company: Trusted Facility Support from Design to Operation

Health Facility Solutions (HFS) Company is a woman-owned small business and Center for Veterans Enterprise certified Service Disabled Veteran Owned Small Business and AE firm headquartered in San Antonio, TX. Our staff of 60 professionals provides planning, architectural and engineering design, sustainability services, construction management, operations staffing, medical planning and outfitting, facility operations consulting and a wide range of AE services for private and public customers. HFS' ability to streamline the development, design, execution and sustainment of facility modernization projects comes from our in depth understanding of our customers and their facility and infrastructure needs.

HFS has provided services to government clients for over a decade. Founded in March 2003 by Michele Pauli Torres, a former Army Medical Service Corps captain, Michele founded HFS to provide a full spectrum of expert medical facility support services. As opportunities evolved, so did the vision; HFS quickly expanded its range of medical planning and construction services to AE design and other AE services that not only support the medical sector but also other traditional architectural and engineering markets.

SAME Leadership: As an active SAME Sustaining Member, HFS members realized the need for developing the leadership and management skills of military and civilian leaders by providing education in leadership skills, team building, and a structured forum for discussing leadership theory and learning from senior military and civilian leaders. HFS was instrumental in organizing the San Antonio Post's first

Leadership Laboratory (LLab) in 2011 and developing the Post's LLab into the SAME-wide leadership program that it is today.

A/E Design: Although, as our name implies, HFS' focus has always been on medical and health care facilities services, we have diversified our AE services and increased the range of design and consulting services to meet our customers' needs. Our healthcare experts have been augmented by Architects, Engineers, Interior Designers and Leadership in Energy and Environmental Design (LEED) Accredited Professionals. However, we still solve medical and health facility performance issues, prepare facilities for state of the art medical equipment, and create innovative space to optimize staff efficiency and the healing environment.

Construction Phase Services: HFS has helped manage more than \$4 billion in new and renovated medical, housing and operations facilities and infrastructure for the US Air Force, US Army Corps of Engineers and Department of Veterans Affairs during the past five years. HFS offers nationwide construction phase services to help our clients achieve their capital improvement goals. Our experienced facility professionals are dedicated to achieving value and quality by leveraging continuous improvements and industry best practices. In turn, we are dedicated to developing our employees through training and their participation in personal and professional development programs.

Sustainability Consultation: More than 90 percent of the building projects that HFS works on are LEED certified or eligible. HFS assists our clients with management of their sustainability programs,

from providing facility conditions assessments, space planning and utilization, measuring building performance, and attaining LEED certification. We also develop the strategies for achieving sustainable area planning, operations and maintenance and tenant build-out. Our LEED AP and green building practice professionals lead teams to deliver performance and cost savings results.

Health Facility Solutions attributes our rapid and successful growth to listening to and then responding to our customers' facility and management needs. We rely upon our talented professionals to provide the quality AE services needed to achieve our client's vision and provide a quality service on time and with the budget. To find out more, visit our website at <http://hfscompany.com/>



Central Texas VA Medical Center in Temple, TX

HFS provided AE design services to solve the Department of Veterans Affairs (VA) medical facilities reliability and survivability challenges with the replacement of the medium voltage switchgear for their Temple, TX campus. The existing switchgear was beyond life expectancy and was on "borrowed time." The building that houses the switchgear did not meet the VA standards for appearance, security, and antiterrorism and force protection and needed to be replaced. The HFS team designed a new switchgear system with an anticipation that the power requirement will double in the future. Our design team also provided a phasing plan so that the transfer of power from the old switchgear to the new will not interrupt medical center and campus functions.



Darnell Army Medical Center and Campus Replacement on Fort Hood, TX.

HFS provided construction management services to help construct the \$600 million Darnell Army Medical Center campus on Fort Hood, TX. This medical center replacement includes all inpatient services, ambulatory and outpatient clinics, ancillary services, emergency department, ambulance garage, building information systems, special foundations, and interior furnishings and finishes. HFS provided construction support that included: fire protection engineering services as well as a PhD Structural Engineer PE to help inspect the structure and verify Antiterrorism and Force Protection requirements were met. Field personnel included professional mechanical, fire protection, electrical, environmental, and structural engineers, along with architectural and LEED construction "back office" support. HFS also provided onsite support and guidance to the Darnell field office.

If you'd like your firm featured in the next Quarterly Journal please contact: ysimon@stoarchitects.com

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