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# ACHA

# QUARTERLY WINTER 2015

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## ACHA Fall Luncheon and Presentations

Over 100 credentialed architects and guests attended the ACHA fall luncheon as part of the Healthcare Design Conference 2014 (HCD.14) in San Diego, Calif. The highlights were the presentation of the Lifetime Achievement Award to Frank Zilm and the introduction of ACHA’s newest fellow, Jennifer Aliber, AIA, FACHA. Ms. Aliber is a principal with Shepley Bulfinch of Boston, Mass.



New ACHA Fellow, Jennifer Aliber, AIA, FACHA

Attendees at the luncheon received a remarkable presentation by Richard J. Jackson, MD and Professor and Chair of Environmental Health Sciences at the School of Public Health at UCLA. Dr. Jackson, who is a former California State Health Officer and past director of the Center for Disease Control and the National Center for Environmental Health. Dr. Jackson gave a presentation titled, “Architects, Planners, Doctors and the Work of Assuring the Future.” He stressed the important role that architects play in creating spaces which improve lives, encourage exercise, and strengthen the environment. He shared his “ten principals for building healthy places” including: promoting physical activity and providing healthy choices in our lifestyle. His take-away message to ACHA architects was, “the built environment is really social policy, cast into concrete.”



Richard Jackson, MD, MPH



Annual ACHA Luncheon

### NEWSLETTER CO-EDITORS

John Blignaut, AIA, ACHA, LEED AP  
 Don McKahan, AIA, FACHA

Thank you to our corporate sponsor:



# ACHA Regional Events

Once certified, many ACHA certificate holders seek high level educational activities. A number of years ago the ACHA developed a vision to spread educational opportunities closer to where certificate holders live and work – thus the “Regional Initiative” was born. This fall, the ACHA participated in three regional venues offering high quality educational events that have become increasingly popular annual gatherings. In this edition of the Quarterly you can read overviews of the events in Texas, Florida and California.

## **The Changing Face of Healthcare/Architecture for Health Summit, Austin, Texas**

This event was held in the Seton Health Administration Building, across the road from the Dell Children’s Medical Center. In keeping with the title of the summit, the website teaser read: “Whether it’s the environment where health care services are delivered, or the person delivering those services, the face of health care continues to change. What changes are on the near horizon and what about the distant horizon? How will these impact our lives and our practices? Come and hear from some of the industry leaders as they address these questions.”

The keynote message was delivered by Kirk Hamilton, FAIA, FACHA, EDAC and entitled: “The Changing Face of Healthcare & Responsive Design.” A panel discussion followed, considering national and state level changes and their potential impact on the healthcare community. A presentation on Austin’s School of Medicine & Seton Medical Center at UT concluded the morning session.

After lunch Anthony Haas, FAIA, FACHA, President-elect of the Board of Regents, gave a presentation on the ACHA. This was followed by a talk on planning a capital project and implementation into facility planning. A panel then discussed the potential impacts of the Affordable Care Act and current healthcare delivery trends in our profession. The regional director of planning, design and construction for Ascension Health wrapped up the sessions with an overview of the initial EBD and LEED goals for Dell Children’s and insights after being operational for seven years. This was followed by facility tours– a great way to end a day filled with insightful information.

## **ACHA Represented at the 30th Annual AHCA Seminar, Orlando, Florida**

For the third consecutive year, the American College of Healthcare Architects (ACHA) has been a part of the Florida Agency for Healthcare Administration’s (AHCA) annual seminar. Each year, a plenary session speaker or panel has presented an ACHA Master Series program to the entire conference. This year, Heather Burpee, University of Washington Integrated Design Lab, was the representative presenter. Her presentation, embellished with Florida-specific information, was based around a report she co-authored titled “Targeting 100! Reduce Energy 60% with Little Additional Capital Cost,” that is focused on hospital facilities. Please refer to the ACHA Quarterly Summer 2014 for a detailed article on her presentation. Prior to Ms. Burpee’s presentation, a short presentation was given about the College, its values and its mission.

## Frank S. Zilm Receives 2014 Lifetime Achievement Award

Frank Zilm, D. Arch, FAIA, FACHA received ACHA’s 2014 Lifetime Achievement Award at the HCD.14 conference in San Diego, Calif. Frank is a health facility planning consultant and has pioneered the use of analytics in healthcare programming and planning. Along with his consulting work, Frank teaches at the University of Kansas and holds a doctorate degree in architecture from the University of Michigan. His healthcare program at the University of Kansas provides student internships with healthcare architecture firms. Frank Zilm was recently named Healthcare Design Magazine’s Educator of the Year.

Along with Arthur Tuttle, Frank developed the AIA AHA Student Charrette program and currently serves as President of the AIA AAH Foundation. In addition to his many other activities, Frank has recently volunteered his services in assisting with planning health facilities in India and Kenya.



Frank Zilm receives the 2014 Lifetime Achievement Award medal from ACHA Past President, Peter Bardwell

Based on the large attendance at the ACHA exam prep seminar immediately following this plenary session, it appears that the College’s continued presence and success with providing interesting speakers has generated quite an interest by many of the attendees to this annual Florida conference.

## **2014 California Health Facilities Forum, Oakland, California**

This year’s all-day event was entitled: “Overcoming Uncertainty – What the Future Holds” and covered a variety of topics on this general theme. A group of distinguished and knowledgeable speakers presented to an enthusiastic group at the Marriott City Center. Connie McFarland, FAIA, FACHA, the 2014 ACHA President, started the day by welcoming the attendees and reinforcing the ACHA’s mission. The morning sessions posed the question “Where is Healthcare Headed?” and presented an example of collaborative processes to achieve project success as defined by the owner, designer and contractor team. The lunch speaker covered the OSHPD approach to achieve a collaborative review process.

The afternoon kicked off with a series of brief Pecha Kucha presentations on the theme “Outside Forces – What Will Drive Healthcare?” This was followed by a group table discussion on the subject of using innovation to overcome uncertainty. The day wrapped up with a talk on “Possible Futures: Alternative Industry, Generational and Other Influences.” The event was well attended and considered a great success by the organizers and attendees alike.

# ACHA at the PDC Summit

The College is proud to offer its Master Series and other high quality programming at ASHE's 2015 PDC Summit in San Antonio. Watch your mailbox for the PDC Registration Brochure. Information can also be found on ACHA's website: [www.healtharchitects.org](http://www.healtharchitects.org).



## **ACHA Exam Preparation Seminar**

This course will outline what is needed to obtain credentials showing your advanced competency and affiliation with the most experienced healthcare architects. In addition to providing useful information to help you submit a portfolio and prepare for the ACHA exam, the course will also highlight a new section of the exam: Forces that Drive the Business of Healthcare. Important note: to register, please contact the ACHA Executive Office at [ACHA-Info@goAMP.com](mailto:ACHA-Info@goAMP.com).

## **ACHA Deep Dive Session: Can Hospitals Meet the 2030 Challenge?**

Join Heather Burpee, M.Arch, Research Assistant Professor, and Joel Loveland, Professor and Director, both of the University of Washington, Integrated Design Lab, for a deep dive session as a pre conference activity. They will explore what opportunities new and existing hospitals have to drastically reduce their energy use profiles.

## **ACHA Master Series: Standardization Improves Safety: Is There Proof?**

- Ramona Conner, MSN, RN, CNOR, Manager, Standards and Recommended Practices, Association of perioperative Registered Nurses (AORN)
- Anthony Haas, FAIA, FACHA, Sr. Principal, WHR Architects

Developing a protocol for tracking errors and minimizing their effects is key to reducing the number and severity of adverse events and to reducing errors in surgery. This session provides a focused discussion on how standardized protocols for communication and operations influence infection prevention and safety in surgery.

## **ACHA Master Series: Creating a Legacy for 2040**

- Anthony J. Haas, FAIA, FACHA
- Francis (Frank) M. Pitts, FAIA, FACHA
- A. Ray Pentecost, Jr., DrPH, FAIA, FACHA
- Richard M. Satava, MD, FACS

The ACHA's Legacy Project Award recognizes healthcare architecture that has and continues to demonstrate superior planning and excellence in design performance over an extended period of time, and remains of enduring significance. However, current planning and designing for the future of an evolving definition of healthcare suggests a very different future for facilities that support it. This program will identify the visionary markers of past iconic work as a Legacy reference for that very different future; will postulate about the facility implications of that future: technological acceleration, impact of personal health metrics, virtual systems; and will identify various principles to create bridges to that future.

## **Next Practices: Mental Health Care: A Much-Needed Focus**

- Douglas Childs, AIA, FACHA, Principal, TACTICS STUDIO
- Tim Lukaszewski, MD, Medical Director, Asian Community Mental Health Services
- Philip Sun, AIA, ACHA, Executive Director, Asian Community Mental Health Services

When "Health Care" is discussed, conversations typically revolve around the diagnosis and treatment of physical illnesses, hospitals and ambulatory care facilities. Yet, mental disorders affect about one-fifth of the United States population in a given year. If people with mental disorders are to participate actively and productively in our communities, workplaces and schools, resources must be expanded and services improved. This presentation is about the approach toward planning, design and future thinking that will ideally contribute to making mental healthcare more accessible and affordable, with the goal of better outcomes.

# *Congratulations to the New Certificate Holders*

Ann Adams\*, AIA, ACHA  
Mildred Baker, ACHA  
Rebecca Davis, AIA, ACHA  
William Downing, AIA, ACHA  
Kenneth Duncan, AIA, ACHA  
Thane Eddington, AIA, ACHA  
Michael Eller, AIA, ACHA  
Susana Erpestad, AIA, ACHA  
Jeffery Farley, AIA, ACHA  
Julie Frazier, ACHA  
R. David Frum\*, AIA, ACHA  
David Hagney, AIA, ACHA  
Thomas Huggett\*, ACHA  
Paul Huysman, ACHA  
Michael Kang, FAIA, ACHA  
Rachel Knox, ACHA  
Stephen Kurpiewski, ACHA  
Chee Keong Lin, AIA, ACHA  
John Mackey, AIA, ACHA  
Elizabeth Normand\*, AIA,  
ACHA  
Roger Pansing, AIA, ACHA  
Eyal Perchik, ACHA  
Scott Radcliff, ACHA  
Alberto Sanchez De Fuentes,  
ACHA  
Thomas Scofield, ACHA  
Aaron Shepard, AIA, ACHA  
Ian Sinnett, ACHA  
Timothy Spence, AIA, ACHA  
Thomas Stanko, AIA, ACHA  
Joshua Stewart\*, AIA, ACHA  
Jeffrey Stouffer, AIA, ACHA  
Ajith Thomas, AIA, ACHA  
Scott Vonnegut, ACHA  
Kirsten Waltz, ACHA  
Todd Wambach, ACHA  
David Wright, ACHA  
Jennifer Youssef, ACHA  
Reid Zwickel, ACHA

\* Former ACHA Candidate  
Members

# ACHA PRESENTATIONS at the Healthcare Design Conference San Diego, CA

ACHA contributed two highly regarded sessions at the 2014 annual design conference, synopses of each are reported below.

## **ACHA Masters Series: Outside the Box: Innovation in Healthcare Delivery**

If you missed “Out of the Box,” you missed a lot. From exploring generational shifts (and preferences) to retail thinking, speaker Bill Eveloff introduced innovative strategies for handling disruptive change. While most of us know that healthcare will no longer be episodic, Mr. Eveloff took it one step further telling the audience that, done right, it would be accretive- a series of experiences that link seamlessly together to build increasing engagement. Building relational and experiential moments is a new focus for healthcare, but one that is a refreshing change for us as architects as influencers of change. Sanford Smith continued the theme of disruptive change, stating that health systems need to have less real estate and likening the recent surge in ambulatory facility construction to the housing bubble. What should happen instead? Find alternative venues for patients to pursue wellness: buildings will either facilitate transformation or become impediments to it. David Chambers lent a Lean perspective to the discussion by stating that today’s healthcare environment is configured to consolidate program around expertise, but that is not geared to provide a complete outcome for the patient. Thus, the patient is pushed around to multiple points of care; push is the current state. Pull is the optimized state, meaning we must change the spaces in which the activities occur. We must change the way we solve spatial problems. Get away from propose then dispose way of designing by changing the process and eliminating the perpetual change cycle in project delivery.

## **ACHA Next Practices Roundtable: The “So What” of 3-D Printing**

The Next Practices Roundtable is an on-going discussion. The latest panel presentation was a deep dive into 3-D printing and bio printing; both promise to have a tremendous impact on the healthcare landscape. 3-D printing is revolutionizing business models built around physical goods. It’s also changing the world, just as the PC, Internet, and smartphone revolution of the last three decades has. Perhaps the closest analogy to 3-D printers today is the early days of home computing. In labs around the world, bioengineers have begun to print prototype body parts, including heart valves, ears, artificial bone, joints, menisci, vascular tubes and skin grafts. This presentation provided a better understanding of timelines for implementation, how 3-D printing will affect the cost and delivery of care, and impacts on facility planning.

The mission of the American College of Healthcare Architects “Next Practices” Committee is to identify forward-thinking practices that will contribute to making healthcare more affordable and accessible and will ultimately improve the quality of patient care.

## Please Welcome New Board of Regents Members

### Vince Avallone, AIA, ACHA

Vince Avallone, AIA, ACHA, is Associate Vice President; Architect/Sr. Medical Planner for HGA. He has 20 years of healthcare experience in the United States and Great Britain. He provides leadership in healthcare architecture, medical planning, project management, and lean process improvements. He has served ACHA as the co-chair of the Communications and Outreach Committee and also as a juror for the Legacy Project Award.

### Ellen Belknap, AIA, ACHA

Ellen L. Belknap, AIA, ACHA, EDAC, LEED AP is President of SMRT Architects and Engineers and leads the healthcare planning and design practice. She has a passion for developing healing environments that are operationally sound and environmentally sustainable. Ellen is highly regarded for her collaborative leadership skills, both on projects and within the firm. She has served on the ACHA’s Certification Committee reviewing portfolios for more than six years. Ellen earned her Masters of Architecture at Columbia University and her undergraduate degree at Cornell University.



Vince Avallone,  
AIA, ACHA



Ellen Belknap,  
AIA, ACHA

# President's Message

## Five Ways to Increase Your Benefits as an ACHA Certificate Holder

"What value is there in being an ACHA Certificate Holder?" is a question that Anthony and I are often asked. As President and Past-President of this organization, we both are convinced that there are tangible benefits to be derived from being involved. With this President's Message, we want to suggest five ways to get the most out of ACHA.

**No. 1 JOIN A COMMITTEE** – ACHA committees are a great way to connect with others who share your interest in a particular area or areas of the organization. By being on the monthly phone call, you can hear firsthand the progress being made on a specific objective. You can also share your talents by contributing your knowledge and skills. For example, if you have trouble accessing information on the ACHA website, volunteer to make it better by serving on the Communication and Outreach Committee – they are updating the website this year. Active committee participation not only yields results, it also creates connections between members and a sense of accomplishment.

**No. 2 ATTEND A CONFERENCE** – The Board of Regents determined several years ago that our strongest suit was our ability to produce high quality programs using ACHA recruited nationally known speakers. In many cases, they are our own board certified ACHA presenters. There is nothing more professionally invigorating than attending an event where you can learn alongside others like yourself. You invariably find yourself returning to work rejuvenated and inspired to apply your newly-acquired knowledge and make your healthcare projects innovative and state-of-the-art.

**No. 3 RECRUIT NEW CERTIFICATE HOLDERS** – Since the inception of the ACHA, our certificants have consisted primarily of veteran practitioners and senior leaders within major healthcare firms across the country. Over time, a new generation of healthcare architects has emerged with a keen interest in professional development and board certification. This new breed within the profession has higher demands for participation and certification at an earlier age than our founders.

As a result, ACHA has developed a pre-certification Candidate Program to facilitate the healthcare knowledge and skills development for those considering healthcare architecture and pursuing the distinction of ACHA board certification. As certificate holders, we can act as ambassadors for this program and assist in reshaping the overall diversity of our membership which is essential for the ACHA's evolution in order to meet the demands of the future.

**No. 4 EXPAND THE BRAND** – Over the years, the ACHA has created high-level educational programs for its certificate holders aimed at providing insight into leading healthcare trends, evidence-based models of care, and quality patient safety. As leaders within the industry, we need to promote and share our knowledge as well as learn from our peers in order to grow

and evolve with the changes in the delivery of healthcare.



Connie S.  
McFarland



Anthony J. Haas

In our efforts to expand on this exposure to knowledge, the ACHA continues to align and create partnerships to strengthen the ACHA brand and improve our product. Not only have we partnered with other architectural associations such as the AIA's Academy, we have also developed connections outside our profession with ASHE and AORN, among others. Going forward, it is our intent to expand our partnerships with healthcare professional organizations like the AHA and the ACHE, and certificate holders' active participation in this outreach is vital.

**No. 5 MAKE CONTACTS THAT CAN LAST A LIFETIME** – The opportunity to meet and work with architects throughout your region and across the United States is – as the MasterCard commercials proclaim – priceless. It provides a large pool of expertise from which to draw and, through such contacts, the support needed to take on and succeed with complex projects. Beyond just the work connections, you will make friends – really good friends.

Please take the time to get involved, and then you can answer the question about the value of involvement in ACHA. Anthony and I believe that you will view the cost of your annual dues as insignificant when weighed against the new commissions awarded due to your elevated level of expertise. Add to that the priceless friendships and you have a recipe for a success filled life.



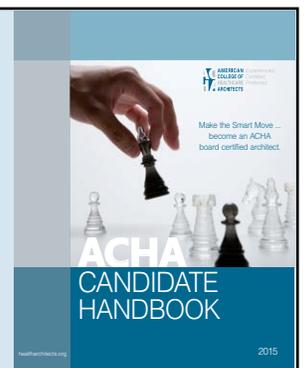
Connie S. McFarland, FAIA, FACHA  
2014 ACHA President



Anthony J. Haas, FAIA, FACHA  
2015 ACHA President

New Candidate Handbook Now Available!

The 2015 Handbook contains the new exam content outline and important dates and deadlines for 2015.



**MARCH 15-18, 2015**

PDC Summit  
San Antonio, Texas

**JULY 17-19, 2015**

Summer Leadership Summit  
Chicago, Illinois

**NOVEMBER 14-17, 2015**

Healthcare Design Conference 2015  
Washington, DC



**INTERESTED IN MENTORING AND MAKING A DIFFERENCE?**

Contact the ACHA Executive Office at 913-895-4604 or [ACHA-Info@goAMP.com](mailto:ACHA-Info@goAMP.com).

**THE ACHA VISION**

» Transforming healthcare through better built environments

**THE ACHA MISSION**

» To distinguish healthcare architects through certification, experience, and rigorous standards

**THE ACHA EXISTS**

» To enhance the performance of the practice of healthcare architecture through its certification, continuing education and other programs

**THE ACHA PROVIDES CERTIFICANTS**

» The distinguishing credentials of a specialized healthcare architect to clients, prospective clients and other architects as well as advanced continuing education

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