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2023 AIA Fellowship

Candidate Maureen Guttman, AIA
Organization Energy Solutions
Location Pittsburgh, Pennsylvania
Chapter AIA Pennsylvania;

Category of Nomination

Object 5 > Service to Society

Summary Statement

Maureen Guttman, AIA is a climate champion, engaging the public and AIA members through tireless work on energy codes. Her work is foundational to the AIA's current focus on climate and equity.

Education

Carnegie Mellon University
Pittsburgh, Pennsylvania
Attended from 1977 - 1982
Bachelor of Architecture

Licensed in:

Licensed in Pennsylvania

Employment

Energy Solutions
Oakland, California
Senior Fellow for Codes and Standards
Employed 11/2021 - Present

PA Department of General Services
Harrisburg, Pennsylvania
Design Project Manager
Employed 9/2020 - 11/2021

Institute for Building Technology and Safety
Ashburn, Virginia
President, Building Codes Assistance Project
Employed 6/2018 -

Multiplier, dba Trust for Conservation Innovation
Oakland, California
President, Building Codes Assistance Project
Employed 6/2014 - 6/2018

Alliance to Save Energy
Washington, DC

Executive Director, Building Codes Assistance Project
Employed 10/2011 - 6/2014

PA Department of Environmental Protection
Harrisburg, Pennsylvania
Executive Director, Governor's Green Government Council
Employed 5/2007 - 5/2011

Pennsylvania Turnpike Commission
Harrisburg, Pennsylvania
Facilities Architect
Employed 4/2003 - 5/2007

Maureen Guttman Architect
Pittsburgh, Pennsylvania
Principal
Employed 6/1996-4/2003

MacLachlan, Cornelius & Filoni Architects
Pittsburgh, Pennsylvania
Project Manager
Employed 11/1990 - 6/1996

September 28, 2022

R.K. Stewart, FAIA
Chair, 2022 Jury of Fellows
The American Institute of Architects
1735 New York Avenue, NW
Washington, DC 20006-5292

Chair Stewart and members of the Jury of Fellows,

It has been my extreme pleasure to know and work with Maureen Guttman, AIA for many years, and I am honored to be her sponsor for advancement to the College of Fellows. She is an exemplary architect with boundless energy, a strong commitment to the profession, and incredible leadership abilities which have been displayed through a vast array of accomplishments. Her passion for architecture and the solutions it provides at the local, state and national levels has had a significant impact on the industry and the communities we architects serve. Fostered to a great degree by her faith and devotion to the American Institute of Architects as the fundamental foundation upon which all significant works, to one degree or another, are built, Maureen Guttman, AIA has embraced AIA in ways I have rarely seen and has done so with an unwavering mission to make a difference in our built environment today to ensure a future of healthier and happier communities where we and future generations can all survive and thrive.

I have no way of covering all that Maureen has done and continues to do in this letter, try as I might. Maureen's entire career has been based on service to the broad community of architects, with the message of energy savings, sustainability and the future we can and should create!

One of her first efforts was the commitment she shared with me and fellow members of AIA who envisioned the development and adoption of a single set of model codes and standards for the US which have unified the architectural profession and the numerous industries associated with it. I was also privileged to work with her on the adoption of the ICC-based Pennsylvania codes. Maureen engaged directly on the advancement of green codes at the national and international levels. Her participation in the development of ICC's Green Construction Code (IgCC) moved it from an optional solution to an accepted and preferred choice for local and state communities to adopt as a mandatory part of building design and construction. Maureen was a key member of AIA's Blue Ribbon Panel and a principal in drafting its report that lays out the planning for the future efforts of codes for AIA. She is undoubtedly a leader among leaders whose vision has carried forward AIA's strategic plan for codes to 2050 and beyond; a message for the future of the larger community of the world, the same goal that Maureen has exemplified throughout her career.

Maureen is a true champion for energy savings! She has brought energy to energy savings, she has fought for AIA to lead the effort to engage local, state and national leaders, even international leaders to make a difference. She has achieved that difference on every level, making the community of architects, our homes, our offices and the broader fabric of our communities in the US more conscious and active in response to the needs we face today and tomorrow.

Maureen Guttman, AIA is sincerely long past-due for advancement to become a Fellow of the American Institute of Architects.

Very truly yours,



David S. Collins, FAIA



MAUREEN GUTTMAN, AIA

**Application for Fellowship in the
American Institute of Architects**

Object 5—Service to Society

SUMMARY STATEMENT

Maureen Guttman, AIA is a climate champion, engaging the public and AIA members through tireless work on energy codes. Her work is foundational to the AIA's current focus on climate and equity.

Service to the Institute

- ❖ Maureen has found expression for her commitment to the profession of architecture through her positions at all levels of AIA components, and through her advocacy in the public, private, and non-profit realms. The steps in her career draw a path of increasing service-leadership, **demonstrating and advocating for the essential role that architects must play in service to society.**
- ❖ Maureen has held numerous influential leadership positions within the Institute which have offered countless opportunities to **represent the profession's historic and espouse the critical value it provides for the future of our communities.** As an AIA PA board member, she was the **founder of the component's first political action committee**, opening a door to allow greater access for AIA Pennsylvania members to reach key policymakers in the Commonwealth legislature.
- ❖ One of her most impactful contributions to the profession is **co-authorship of the AIA Blue Ribbon Panel report, *Disruption, Evolution, and Change***, which underscores the imperative for improving the way architects must develop and deploy building codes within the design industry, and **provides specific actions needed to implement the vision articulated in AIA's *Where We Stand Statement on Climate Action*.**

Service to Community

- ❖ **Maureen was named by AIA as Citizen Architect in October 2020.** She is an outspoken and participating advocate for architects in the political/public policy world. For over twenty years she has been deeply engaged in the Pennsylvania legislative process on issues impacting architects or architecture., including major influences in the adoption and evolution of the statewide building code.
- ❖ Maureen took a sabbatical from architectural practice to serve as the Western Pennsylvania Volunteer Coordinator on the 2002 Rendell for Governor campaign. She expanded her influence within the Rendell administration with **political appointments to direct the trajectory of green design and construction issues in the Commonwealth.** Subsequently appointed by Governor Tom Wolf to the state building code adoption body, she efficiently **led the successful update of the state-adopted building codes** after six years of inaction by the previous board, resulting in an energy code approximately 18% better than the previous state law.
- ❖ Maureen's undying **commitment to architecture of public policy** steered her toward practice as a focused advocate for high-performance buildings as a critical tool in reducing greenhouse gas emissions. With principal roles at the Alliance to Save Energy, the Building Codes Assistance Project, the Institute of Building Technology Safety, and as Senior Fellow for Codes and Standards at Energy Solutions, Maureen has proven to be a national leader in building energy code development, adoption and compliance practices with a **focus on architects' role in achieving high-performance solutions.**

Service to the Industry

- ❖ Maureen has represented the profession of architecture in related industry organizations, **bringing the perspective and creativity of an architect to decision-making processes** that often lack the voice of an experienced design professional.
- ❖ Maureen initiated and wrote a successful proposal to develop technical and policy training for architects and engineers – who were not identified as critical audiences by the U.S. DOE when it created a unique funding opportunity to reduce the soft costs of solar deployment. The resulting national training program was memorialized with **one of 2019's most popular and well-reviewed courses on AIA's online learning platform, AIAU.**
- ❖ Maureen is devoted to advocacy not only with in the architectural profession, but also advocating the value architects provide within the whole construction industry: builders, manufacturers, policy makers and the code enforcement community. She is a prominent contributor to the work of the International Code Council for comprehensive, coordinated and contemporary codes, and assiduously teaches and proves the unparalleled role that architects play in creating holistically sustainable, energy and resource-efficient buildings and communities. Maureen has taught not only her colleagues, but the entire industry the value of designing and building the highest performing buildings possible, **servicing not only her local community, but our country as a community and the community of the world at large.**

Service to the Institute

Maureen has focused her professional and volunteer career on an ambitious goal: to engage and excite architects to accept the challenge of becoming champions in the global battle to mitigate the havoc of climate change by designing the highest performing buildings possible, and thus become of ever-increasing service to society.

LOCAL AND STATE AIA

AIA Pittsburgh

Maureen moved to Pittsburgh in 1989, and quickly became involved in local chapter activities. She volunteered for the annual Design Awards program and provided mentoring to younger architects and students. Maureen joined the Board of Directors in 1993 and made a significant contribution to the chapter by taking the lead in updating the Bylaws. The Board elected Maureen President in 1996; she offered substantial support to the Chapter staff that year due to a temporary illness of the Executive Director.

AIA Pennsylvania

Elected to the AIA PA Board in 1998, Maureen quickly immersed herself into state government affairs issues with the chapter, eventually chairing that committee for several years and participating in AIA National’s State Government Network (SGN). She was an active lobbyist for passage of the statewide building code in 1999 (see Exhibit 3.5) and engaged with the PA Department of Labor & Industry for several years as they crafted the supporting regulations. Working closely with the component’s contract lobbyist, Maureen became a well-respected AIA representative among Pennsylvania legislators and their staff. Recognizing their need for informed input on the many changes to the building code being offered by opponents, Maureen led a group of industry experts (including the opponents) to draft an amendment to the code legislation creating the Review and Advisory Council, which provides technical and policy recommendations to the General Assembly on all amendments to the statewide code. In the years following adoption of the code in PA, Maureen has provided countless trainings and webinars on the law, the

regulations, and the technical content of the codes, to AIA PA members, state code officials, builders, attorneys and many others. Maureen served as President of AIA Pennsylvania in 2004.

NATIONAL AIA

AIA Board of Directors

The Board of AIA PA elected Maureen to serve as their Regional Director to the National Board for a three-year term beginning in 2006. Maureen ran for Vice President at the 2008 AIA Convention in Boston.



AIA National Board of Directors Class of 2008

Codes and Standards Committee

Maureen was appointed to the Codes and Standards committee in 2011 and has served as a member or Expert Resource for most of the past 11 years. This committee serves as a steward of AIA’s earlier work with the International Code Council (ICC) to create a single set of comprehensive, coordinated, and contemporary codes for protection of the health, safety and welfare of the public throughout the United States. The committee also focuses on outreach to AIA members to encourage their participation in the

development of model codes and standards, and in adoption of those codes within their states. In service to this committee, Maureen has assisted in drafting many code change proposals and public comments for the entire body of ICC codes and produced voting guides for AIA members eligible to vote in the ICC process. The committee provided valued input to the Board’s public policy and position statements on professional practice and building regulation. Maureen conducted many webinars and trainings for AIA members on technical aspects of energy code updates.



Service to the Institute, *continued*

Energy Leadership Group (ELG)

In 2015 Maureen joined the ELG which had the charge to support achievement of the AIA position statement on carbon neutral buildings by 2030. She was elected by the group to chair the committee in 2019; the group was sunset by the Board after that year. The ELG served as an advisory body to the Board on issues related to federal energy policy, specifically proposed amendments to the Energy Independence and Security Act of 2007, where AIA was advocating in favor of language that federal buildings would eliminate the use of all fossil fuels by 2030. The ELG, under Maureen's leadership, also worked to emphasize to the Board that development, adoption, and compliance with energy codes are the primary and most effective vehicle for AIA members to influence federal energy policy.

Sustainability Leadership Group (SLG)

As Chair of the ELG, Maureen was invited to represent that committee on the ad hoc SLG in 2019, where each of the sustainability leadership groups contributed to plans for AIA to aggregate the collective efforts toward the Institute's Sustainability Portfolio goals. The ultimate outcome of the SLG effort was a recommendation (adopted by the Board) to create a new permanent Committee on Climate Action and Design Excellence (CCAIDE).

Blue Ribbon Panel for Codes and Standards (BRP)

(see Exhibit 3.1)

The AIA convened a group of experienced subject matter experts in 2018 to evaluate the state of code development and enforcement in light of rapid technological changes, seismic leaps in public policy related to climate, and an aging, dwindling workforce. The result of the BRP's study is the report, *Disruption, Evolution, and Change: AIA's Vision for the Future of Design and Construction*, which was unanimously accepted by the Board of Directors in 2019. Maureen was a passionate participant in this initiative and made significant authorship contributions to the final document. Maureen continues to advocate for the report's recommendations on the necessary transformation in the architectural profession.



BCAP sticker handed out at AIA trainings

Service to Community

Leadership Pittsburgh

The highly-selective program geared towards established local leaders selected Maureen as a member of the LP XV Class in 1999. The program provides enrichment and networking to members while developing a robust pipeline of diverse civic leaders to serve the region. As member of this life-changing program, Maureen participated in initiatives designed to expose the class to the social and economic disparities throughout the community, including sessions on public education, health care availability, and systemic racism. Inspired by the lessons learned from this action-packed year, Maureen ran for local elected office in 2001.

Ed Rendell for Governor Campaign

The former mayor of Philadelphia ran for Governor of Pennsylvania starting in 2001, on a platform of community revitalization and reinvestment across the Commonwealth. Maureen eagerly signed up to assist the campaign, and was tapped to serve as the Volunteer Coordinator for Western PA. In this volunteer position, Maureen organized mailing lists, outreach to supporters, and events for volunteers to serve the campaign in both the Pittsburgh headquarters and in their own counties. Rendell was elected Governor in November 2002, and served two terms, leaving a legacy of the reinvestment that he promised, as well as a number of new programs designed to deploy alternative energy.

Pennsylvania Turnpike Commission

(see Exhibit 3.7)

In 2003 Maureen was appointed by the Rendell Administration to serve as Facilities Architect for the nation's first superhighway system. The first actual architect to hold this title in the Turnpike's history, Maureen led a team of engineers and designers in overseeing consulting architects and engineers to renovate historic structures and create new

building along the 550 miles of roadway. The projects she managed ranged from small utility structures housing sensitive open-road tolling equipment and small renovations at the Service Plazas, to new maintenance campuses, State Police barracks, and a comprehensive 10-year capital plan for occupied infrastructure. Maureen infused each project she touched with an ethos of sustainability, resulting in an organizational commitment to designing according to Leadership in Energy and Environmental Design (LEED) principles.

Pennsylvania Governor's Green Government Council (GGGC)

Maureen's public advocacy for energy efficiency and sustainability within the Rendell Administration led to an offer by the PA Department of Environmental Protection (DEP) to head the GGGC, which reports directly to the state Secretaries of DEP and the Department of General Services. The GGGC was charged with incorporation of environmentally sustainable practices into all functions of Commonwealth



AIA Panel on Climate, Copenhagen
Photo credit: AIA Media Relations

government. Among the accomplishments of the GGGC with Maureen as Executive Director:

- Creation of the Keystone HELP residential energy loan fund, in partnership with the PA Treasury department. The partnership offered low-interest loans for energy efficient equipment and comprehensive whole-house
- energy improvement projects. By 2020, Keystone HELP lending resulted in annualized savings of 20 MWh of electricity, 400k cu.ft. of natural gas, and 300k gallons of fuel oil.
- Provided extensive input into the PA Climate Change Action Plan and implementation of recommendations related to improved building standards and land use planning.
- Assisted the Department of General Services in increasing the Commonwealth's purchase of green energy. In July 2010, Pennsylvania was offsetting 50% of its electricity consumption through the purchase of Renewable Energy Credits.
- Recognition of the educational video "Why?" with a Mid-Atlantic Emmy Award. The video was a collaboration between GGGC and Commonwealth Media Services and advocated for environmentally-preferred purchasing by PA agencies and vendors.
- Adoption of High Performance Building Standards for use by the Commonwealth Financing Agency.



Service to Community, *continued*

Building Codes Assistance Project (BCAP)

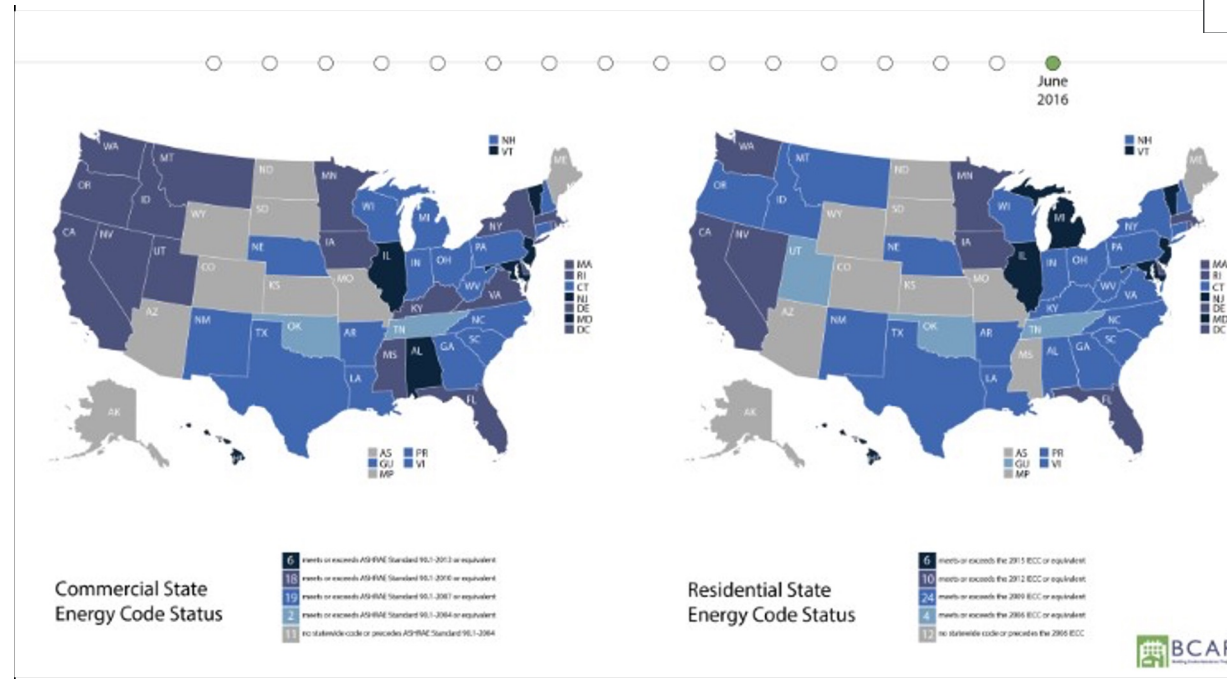
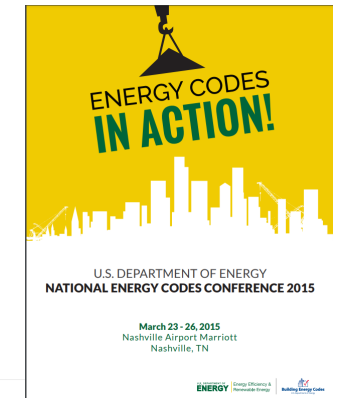
BCAP was founded in 1994 by the Alliance to Save Energy, the Natural Resources Defense Council, and ACEEE with a mission to reduce energy consumption in the construction and operation of buildings through advocacy promoting the adoption, enforcement, and compliance of building energy codes and standards. Maureen was hired as Executive Director in 2011, when the program was housed and supported by the Alliance to Save Energy (ASE). In 2014 Maureen separated the financial interests of BCAP from those of ASE and enjoyed independent status as a non-profit program under the umbrella of fiscal sponsor Multiplier, and then with government consultant Institute for Building Technology and Safety. Among the accomplishments of BCAP with Maureen as Executive Director and President:

- Adoption support for states and municipalities across the country in the form of newsletters, cost-benefit analyses of code updates, code adoption status maps, and a policy action toolkit.
- Updated website, bcapcodes.org, with portals to information on adoption, compliance, existing buildings, and reaching consumers.
- A quarterly bulletin produced in collaboration with the Institute for Market Transformation (IMT), *The Decoder*, delivering best practices and technical insights delivered to energy code enforcement professionals.
- The Energy Code Ambassador Program, created with the International Code Council, offered peer-to-peer compliance assistance to municipal personnel through trained and certified energy code enforcement experts. This program continues to offer successful support in many states.



- Engaging design professionals, who are often left out of the equation for how to improve energy code compliance, with training and presentations (see Exhibit 3.6) on the leadership role architects and engineers have in deployment of building energy regulations.
- A research paper, *Tackling Energy Codes with Energy Modeling: Preparing Design Professionals to Face Building Performance Demands*, that advocated for a shift to performance-based codes using energy modeling tools to provide early, iterative design solutions.

- Assisting the U.S. Department of Energy in reviving the National Energy Codes Conference in 2015 after a four-year hiatus. BCAP was retained to develop an agenda of compelling topics and identify engaging speakers to create a successful, heavily-attended three-day event in Nashville.
- Proposal to the U.S. Department of Energy to create an advocacy and training program for architects and engineers on rapid deployment of solar photovoltaic systems. (see Exhibit 3.3)



Service to Industry

INTERNATIONAL CODE COUNCIL

(see Exhibit 3.4)

International Energy Conservation Code (IECC) Development Committee

The IECC is the nation’s premier model energy code for both commercial and residential construction. While Congress recognizes ASHRAE Standard 90.1 for commercial buildings, the IECC is the code most widely adopted, with 90.1 incorporated as an alternate compliance path.

Maureen served on the Development Committee for the IECC Commercial provisions in both 2007 and 2018 to create the 2009 and 2021 versions of the code.

International Green Construction Code (IgCC) Development Committee

Representing AIA, Maureen was a member of the committee that developed the first draft of the IgCC in 2009. The IgCC



ICC SMC Governing Committee

was intended to be an overlay to the other International Codes, providing an adoptable, useable, and enforceable option for municipalities choosing to implement sustainability standards. Maureen also served on the IgCC Code Development Committee in 2018 following the merger with ASHRAE Standard 189.1. Under the merger agreement, ASHRAE retains responsibility for the technical content of the code, while ICC controls the administrative provisions.

Maureen led the committee’s decisions to draft administrative provisions in line with both the previous versions of the IgCC, and with administrative provisions in other International codes.

ICC Standard Consensus Committee on Commissioning

In 2013, Maureen was appointed to the newly-created committee charged with developing requirements reflecting best practices relating to the overall commissioning process. Maureen was Vice-Chair of the work group focused on the steps of commissioning, the owner’s project requirements, and the basis of design.

Sustainability Membership Council – Governing Committee (SMCGC)

Maureen served on the SMCGC from 2011 through 2020. The committee focuses its activities on promotion of the IECC and the IgCC among ICC members, design professionals, and policy makers who can influence adoption and allocation of resources to support the codes. The Committee has developed an exhaustive slide deck on the IgCC that can be edited and used by anyone interested in providing education on the green code. We created messaging to address the misconception that “energy” and “sustainability” are not health, safety and welfare issues, and we sponsored a new award from ICC, the Leadership in Sustainability and Energy Efficiency Award.



Maureen was selected by the SMCGC to chair the governing committee for three years, from 2015 through 2017, during which time the membership council proposed creation of a new ICC certification – the Certified Sustainability Professional (CSP). The CSP designation is intended especially for licensed architects and engineers to quickly become qualified IECC or IgCC plan reviewers or inspectors to aid their municipalities where staffing resources are inadequate.

Sustainability, Energy, and High-Performance Code Action Committee (SEHPCAC)

Charged with developing proposals to the IECC and IgCC that would make each code clearer and easier to use, the SEHPCAC has been responsible for dozens of important code changes since the committee’s inception in 2011. Maureen joined SEHPCAC in 2012 to begin work on proposals for the 2015 code versions. She has been a member of the CAC since then, making substantial contributions to many of the successful proposals incorporated into the 2015, 2018 and 2021 IECC and IgCC.

Service to industry, *continued*

OTHER INDUSTRY SERVICE

Hanley Wood Vision 2020 Summit

Maureen was asked to serve as Chair of the Green Building Codes, Standards + Rating Systems focus area for the 2014 Sustainability Council, developing a collective vision of where the design and construction would need to be in 2020. In addition to an article on the topic of building codes and architects published in ECOBUILDINGPULSE, the Hanley Wood Council convened a Summit at the 2014 Greenbuild in New Orleans, during which Maureen gave a well-received “TED talk” type lecture titled “The Architect as Superhero”.



Collaborative for High Performance Schools (CHPS)

CHPS is a national non-profit organization that provides tools and resources to make school building design and construction safer, healthier, and more sustainable. Maureen joined the Board of Directors in 2013 as an Advisory Director and became a voting member of the Board in 2014. She was asked to serve as Board Treasurer in 2019, and with the rest of the Executive Committee, evaluated proposals for strategic mergers with other organizations, and created new initiatives to grow membership and influence.



Construction Legislative Council of Western Pennsylvania (CLC)

The CLC is a multi-discipline coalition representing the design and construction industry of western PA in continuing dialogues with elected leaders and policy makers both locally and in state government. AIA Pittsburgh appointed Maureen as their representative to the CLC in 2001, and the Council elected her as Chair for the 2003/2004 session. As a member and leader of the CLC, Maureen championed statewide legislative issues related to rollout and implementation of the new statewide building code and other bills and regulations impacting designers and builders across the Commonwealth.



Code Development Committee for the 2018 IECC

AWARDS, HONORS AND RECOGNITION



AIA PA Government Award, 2020

AIA Pennsylvania Architectural Excellence Special Awards includes recognition of significant achievements by members, citizen architects, non-members, civic and government leaders, allied professionals, and member firms who contribute to the built environment and the advancement of the profession in the Commonwealth.

AIA PA Presidents Award, 2010

From the Board of Directors in recognition of a career dedicated to advancing building code adoption and enforcement, and incorporation of sustainability into regulated building practices.

Richard Upjohn Fellow

The Richard Upjohn Fellowship is reserved for members of the AIA who serve on the Institute's National Board of Directors. Maureen finished a three-year term as the Director representing Pennsylvania in 2008.



Currituck Beach Lighthouse, Outer Banks, NC

AWARDS, HONORS AND RECOGNITION, *continued*

Citizen Architect 2007

“Maureen is well qualified to assume the responsibilities of this position given her extensive background in green building design and construction...”

Kathleen A. McGinty
Secretary, PA Dept. of
Environmental Protection



The term “Citizen Architect” is a title informally bestowed on AIA members, given with great pride and representative of a call to action for Architects to take greater role in the civic advocacy of their communities. These Citizen Architects are influencing public policy and the practice of architecture across our country.

From the AIA Citizen Architect
Handbook

AIArchitect

VOLUME 14 THE NEWS OF AMERICA'S COMMUNITY OF ARCHITECTS

PRACTICE


Citizen Architect: Maureen Guttman, AIA

by Tracy Ostroff
Associate Editor

How do you . . . make a difference by being involved in state government.

Summary: As the new director of the Pennsylvania Governor's Green Government Council, Maureen Guttman, AIA, is a strong voice for the profession and an advocate for environmentally sustainable practices in planning, policymaking, and regulatory operations in Pennsylvania government. Appointed to her new position early last month, Guttman will work in partnership with commonwealth agencies to help cut energy costs, move toward energy independence, and stimulate Pennsylvania's economy.

Those are big goals, but they are targets that Guttman, an AIA Board member, says she is uniquely qualified, as an architect, to fulfill. Department of Environmental Protection Secretary Kathleen A. McGinty and Department of General Services Secretary James P. Creedon announced Guttman's appointment in early April and she hit the ground running. Previously, Guttman was the facilities architect for the Pennsylvania Turnpike



Guttman says the council is reconstituting itself to be in line with and articulate Gov. Edward Rendell's (D) priorities. She already has had conversations about implementing energy strategies in state government that will help wean the nation of foreign oil. Also at the forefront is a dialogue about tackling the challenges of climate change, including looking at how buildings contribute to carbon emissions. Guttman, a political appointee, notes the governor is focused on coming up with a carbon reduction program. She says Pennsylvania's approach is similar to that of the AIA, with phased reductions over 20 years and a 25 percent reduction by 2025. The governor is cutting a wide swath and is working on it "line item by line item."

Part of Guttman's charge is ensuring that Pennsylvania agencies are working together to achieve these goals. "The time is right to make headway," Guttman says enthusiastically. "The mission is big, but it is a good place to start." She is looking for a holistic approach that will encourage buy-in from agency heads. She is also looking at the stock of commonwealth-owned buildings, many of which are older properties, and policies related to standards for new construction, transportation, and land-use.

Perfect storm for architects

"It is a perfect storm for architects to be involved," Guttman says. Rendell and McGinty are counting on her, she notes, to find the common threads across the agencies and how they manage their facilities.

"Maureen is well qualified to assume the responsibilities of this position given her extensive background in green building design and construction and her detailed knowledge of the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) environmental design standards for high-performance green buildings," McGinty, a former top environmental advisor to Vice President Al Gore, notes in the press release announcing Guttman's appointment. The release also points to Guttman's key contributions to a multimillion dollar reconstruction project to achieve LEED certification at four maintenance facilities operated by the Pennsylvania Turnpike Commission.

Guttman says her experience, education, and training make her, and architects in general, a good fit for public work and advocacy. "We are able to see, perhaps, what the issues and challenges are even if they are not readily apparent," Guttman says. "We put it in the hopper and stir it up and offer possibilities and solutions that are more creative than what others may come up with."

Citizen Architect

Guttman encourages architects to get involved, like she has done over the years, working in the public sector, running for public office, and being involved in public life. "We need more people thinking they have something to contribute. There's a void waiting for us." In addition to her well-respected private practice and Board work, she serves on the ICC Energy Code Development Committee. She says she will probably run for elected office again.

Guttman says her experience is exactly what being a "citizen architect" is about, using the same toolkit she uses to produce structures as she uses to produce policy. She also sees it as a larger question that we must be asking as we celebrate the Institute's 150th anniversary. "What is the future of our profession?" Guttman answers that it is only as rich as the opportunities that architects create for themselves through public engagement.

AWARDS, HONORS AND RECOGNITION, *continued*

Citizen Architect 2020



Maureen Guttman, AIA, began her journey as a Citizen Architect began many years ago when she became involved in AIA's Pittsburgh chapter and, in short order, was asked to join the board of directors. A position with AIA Pennsylvania's board soon followed.

In those roles, Guttman advocated for a statewide building code in the Keystone State, tracking legislation, meeting with state policymakers, and even creating AIA Pennsylvania's political action committee (PAC). In 1999, the legislature passed a bill adopting certain ICC building codes as the Uniform Construction Code (UCC).

"I've been doing advocacy work ever since the effort to get the UCC passed," Guttman said. "In Pennsylvania, keeping the code intact is a constant fight. It is important to keep up our advocacy efforts in order to make sure no cracks develop."

Altering the UCC is such a source of interest in the Pennsylvania state legislature that Guttman and colleagues recommended to the governor that he establish a body to review every UCC-related legislative proposal. Guttman now chairs that effort, Pennsylvania's UCC Review and Advisory Council, or RAC.

Between passage of the UCC in 1999 and her leadership of RAC, Guttman moved to Washington, D.C. to lead the Building Codes Assistance Project (BCAP), an organization providing education and technical support for energy code adoption

proceedings, promoting collaboration among stakeholders to achieve action at the state level, and addressing common barriers to compliance through the development of programs and tools.

While leading BCAP, Guttman worked with well-known codes specialist, David Collins, FAIA, and codes consultant to AIA, to write "Disruption, Evolution, Change: AIA's Vision for the Future of Design and Construction."

"We wanted to see how architects interacted with building codes, how we could influence code development and adoption, and where the sector needed to go in the future," Guttman explained. "Architects are a big piece of the solution to climate change, and this report outlines how we can shift the practice to reflect our responsibilities."

The report asks industry stakeholders to work together to urge policymakers at all levels of government to implement policies that encourage architects, builders, clients, and others to make reducing society's carbon footprint a top priority.

Guttman said it is important that architects view building codes not as a "side dish," but as the main course. **"Building codes are a public policy tool, and when we are not involved in developing them, policymakers are not being informed by the experts," she noted.**

Guttman's best piece of advice is that young architects start shaping public policy where she did – through their work with their local AIA chapter.

"I'm a big fan of state government, which has the ability to do things that have a big impact," Guttman said. "We need to help lawmakers understand what they don't know." Guttman also suggests that, outside of volunteering time

and intellectual capital, architects contribute to their state PAC, and to AIA's federal PAC, ArchiPAC.

"As architects, we are not advocating for our own interests, but for the public's welfare," noted Guttman. "Being involved, starting a PAC or contributing to one, and showing up for the big legislative fights is vital to our mission as architects, which is to promote the health and safety of the community."

Modified from article published in the *ArchiPAC News*,
September 24, 2020



Mid-Atlantic Emmy Award, 2010

For the development of an educational video on Environmentally Preferred Purchasing targeting state and local units of government.

INTERVIEWS WITH MAUREEN

“A code for development of green commercial buildings”

The Seattle Times; December 12, 2009

Interview regarding development of the IgCC

“‘Mass Exodus’ of Building Officials Within 5 Years”

Builder Online; November 13, 2014

Interview regarding needs around code enforcement

“Cities Cracking Down on Climate Law-Breakers”

Inside Climate News; September 22, 2017

Interview regarding energy code enforcement

“This is what cities need to do by 2050 to meet climate goals”

Global Covenant of Mayors for Climate & Energy; September 19, 2019

Interview regarding carbon emissions from buildings

“How South Dakota took the money and ran”

Sioux Falls Argus Leader, August 13, 2016

Interview regarding state misuse of ARRA funding

“Building Codes: The Right Tool for Achieving our Climate Goals?”

Green Builder Media; December 27, 2016

Interview regarding development of the 2018 IECC

“Health, Safety, and Welfare Also Includes Building Performance”

Architect Magazine; May 7, 2014

Interview regarding high-performance buildings

“Interview with Maureen Guttman, Executive Director of the Pennsylvania Governor’s Green Government Council”

Green Building Law Blog; August 20, 2009

Interview regarding the IgCC



ICC Global Connections Day

WRITTEN BY MAUREEN

“Energy Codes 101”

Backgrounder article the *AIA Architect’s Handbook of Professional Practice*

Written by Maureen for the 15th Edition, 2013

“Energy Codes Make Renovations Profitable”

Retrofit Magazine; May 10, 2013

Article written by Maureen regarding existing buildings

“Hello! It’s our 20th anniversary”

Building Energy Code Connection; January 2014

Editorial introduction to BCAP newsletter



“The Relevance of Deep Retrofits: Leaders from NYC, DC, and Pittsburgh Speak Up” By Herb Woerpel, July 18, 2019, *ES Systems Magazine*.

ARTICLES ABOUT MAUREEN’S WORK

“Workshops aim to train architects, engineers on solar basics”

Energy News Network; December 12, 2017

Article about BCAP’s SunShot program

“Building Codes Assistance Project to Become Independent Organization”

AHRI News; June 5, 2014

Article about BCAP separation from the Alliance to Save Energy

“Governor Signs UCC Building Codes Legislation into Law”

AIA Pittsburgh Columns Magazine; November 2, 2017

Article about PA’s ability to update the building code

“IBTS Launches a Strategic Initiative with the Building Codes Assistance Project (BCAP)”

IBTS Press Release; July 13, 2018

Article about BCAP affiliation with IBTS

“Italy: Green Building Standards Promoted”

Green Diplomacy, U.S. Department of State; Spring 2008

Article about green buildings presentation in Milan

“France: U.S. Environmental Initiatives Showcased”

Green Diplomacy, U.S. Department of State; Spring 2008

Article about green buildings presentations in France



Christiansborg Palace, Copenhagen, Denmark

Exhibit List



Longue Vue Club Gatehouse, Verona, PA

Exhibit 3.1 AIA Blue Ribbon Panel on Codes & Standards

Exhibit 3.2 AIA Framework for Design Excellence

Exhibit 3.3 Solar PV Training for Architects and Engineers

Exhibit 3.4 International Code Council Contributions

Exhibit 3.5 Pennsylvania Uniform Construction Code and Review & Advisory Council

Exhibit 3.6 Trainings and Presentations

Exhibit 3.7 Pennsylvania Turnpike Facilities

Exhibit 3.8 Longue Vue Country Club Renovations

AIA Blue Ribbon Panel on Codes and Standards



In early 2018, the AIA formed the Blue Ribbon Panel (BRP) on Codes and Standards to create a strategy for accomplishing AIA policy priorities through codes advocacy. The specific priorities identified were energy efficiency, sustainability, climate change, and resilience, and how AIA and architects should address these challenges prior to the year 2030. The timeline for the panel's work was compressed in order to deliver a report to be used by AIA's delegation to the San Francisco Climate Action Summit in September of that year.

As a member of the BRP, Maureen contributed to productive discussions on the future of the profession and our relationship to the regulatory environment in which we practice. The panel agreed that there is a pressing need to explicitly define the term used in licensure statutes – “health, safety, and welfare” – to include consideration of the health, safety, and welfare not just of a building's owner and occupants, but also of the community in which it exists.

Maureen was a primary contributor to the final version of the report, *Disruption, Evolution, and Change: AIA's Vision for the Future of Design and Construction*. The publication offers a timeline of aspirational but concrete actions the Institute and its members should take for architects to become leaders in the global work to reduce society's carbon footprint.

Upon publication of the document, Maureen joined other panel members and AIA staff in promoting the recommendations, offering presentations outlining the goals, and working to incorporate its focus into the work of all National AIA committees and Institute initiatives.

We understand how buildings contribute to climate change... Architects can reduce such operational and embodied carbon production with passive design techniques, energy efficient measures, and low-impact building materials...

Designing and building resilient buildings in note a choice, it's an imperative.

Codes, standards and evidence-based rating systems are essential to creating a high-performing, resilient built environment. We stand for the development, adoption, and enforcement of comprehensive and coordinated building codes that mandate energy-efficient design and construction.

AIA Statement on Climate Change, April 2018

However, it is critical to recognize that actual progress toward these goals has been nearly negligible when compared to all new construction and renovation in the US. For these necessary and disruptive changes to occur, AIA members need resources and support to serve their clients and communities better in accordance with these commitments.

AIA Commentary on Public Policies and Position Statements on Sustainability, April 2018u

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included participation and leadership in the work of the Blue Ribbon Panel, significant contributions to authorship of the report, and advocacy for recommended action.

Paul Karrer
Former Senior Manager, Building Codes Policy
The American Institute of Architects
Staff Liaison to the Blue Ribbon Panel Committee

AIA’s Framework for Design Excellence



Design for Water



Design for Economy



Design for Energy



Design for Change



Design for Integration



Design for Ecosystems



Design for Equitable Communities



Design for Discovery

Thumbnail photos from AIA website; various design architects

In September 2019, the AIA formally adopted the AIA Framework for Design Excellence, formerly known as the COTE Top Ten Measures. This important decision by the Board of Directors elevated a valuable project developed by a committee (the Committee on the Environment – COTE) and elevated it to an official position and program of the entire Institute.

The ad hoc committee was formed in January 2020 to review the COTE Top Ten Measures and update the project to define design excellence principles required to achieve a zero-carbon, equitable, resilient and healthy built environment. The goal of the Framework is to transform the practice of architecture in every firm and on every project.

Maureen was asked to serve as a member of the committee and was responsible for leading the work groups on Designing for Water and Designing for Energy. Along with subject matter expertise, she brought to the discussion a focus on the goals for the profession articulated in the Blue Ribbon Panel Report on Codes & Standards.

The Framework for Design Excellence represents the defining principles of good design in the 21st century. Comprised of 10 principles and accompanied by searching questions, the Framework challenges architects with a vision of what the profession strives to achieve, not just for large or high-profile projects, but for every project, regardless of size, typology or aspiration.

In order to be a valuable tool for all architects, the committee agreed that the language needs to be accessible (free of jargon) and focused on design outcomes, not metrics. The principles encourage design

teams to address nuanced concepts of culture and place to facilitate a more deeply integrated, visually rich design solution.

The questions accompanying each principle are intended to be thought-provoking catalysts illuminating opportunities to integrate sustainability and further a deeper understanding of our clients, future building inhabitants, and the communities in which they reside.

The Framework was presented to the AIA Board of Directors in June 2020 and was unanimously ratified with enthusiastic support.

The document is now accompanied and supported by the COTE Top Ten Super Spreadsheet, a powerful tool created by other volunteers to assist architects in defining and meeting measurable goals for each principle.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included committee participation and advocacy in promoting the tool among AIA members.

Margaret Montgomery, FAIA
Principal
NBBJ
Chair of the Framework Committee

Solar PV Training for Architects and Engineers

Through Maureen’s vision, the Building Codes Assistance Project (BCAP) and the Center for Sustainable Energy (CSE) were selected by the U.S. Department of Energy to provide solar photovoltaic (PV) training to architects and engineers in 22 key metropolitan areas across the U.S. The project utilized a train-the-trainer approach to deliver education and resource access to designers with the goal of ultimately reducing the indirect costs of solar transactions.

The program gives professionals the tools they need to incorporate solar into their discussions with their clients and ultimately into their designs. When architects and engineers realize the value proposition of how solar impacts their day-to-day work, they can support solar growth and eliminate barriers to widespread acceptance, including soft costs such as design and permitting.

Maureen recognized that building design professionals are ideally suited to make solar energy part of the dialogue during the design phase of new buildings. Incorporating solar energy directly into new construction reduces the overall cost, including the expense of permitting, installation and labor, and will support the continued growth of solar energy technology.



Solar PV Training, Rochester, NY

Combined with energy efficiency and good building science, Maureen understood that incorporation of renewable energy provides long-term value to the larger society and the built environment.

The full-day training was developed in eight modules, with much of the content written by Maureen, and delivered by a group of seven design professionals, each with outstanding qualifications for the content and for training. The program was accepted for continuing education credits from the ICC, the AIA, and the US Green Building Council (USGBC).

Over the course of 18 months, BCAP trained over 1000 design professionals across the country. Using pre- and post-training surveys, we found that there was a measurable improvement in knowledge of PV systems in all eight modules with a forty-seven percent increase in correctly identifying what a design should include to make it solar-ready.

In addition to the full-day program taught by BCAP’s subject matter experts (SMEs), Maureen provided condensed in-person and online versions of the course for several additional

audiences. Finally, and for maximized impact, a condensed version featuring the SMEs was recorded and posted for continuing education credits on AIA’s online learning platform, AIA University.

Building Codes Assistance Project

SUNSHOT INITIATIVE TOOLS NEWS CODE STATUS ABOUT CONTACT US

SunShot Initiative

America’s demand for solar energy is spreading – and fast. In just the last eight years, solar electricity generation has increased 30-fold and solar jobs are growing 12 times faster than the rest of the economy. While the cost of photovoltaic (PV) panels has been steadily and rapidly declining, the other soft costs – such as permitting, installation, labor, grid connectivity and other indirect costs – can account for up to 64% of the cost of an installation.

“I wanted to pass along that the Solar PV course on AIAU was one of the most popular and well-reviewed courses for 2019.”

Stephen Martin

Managing Director, Professional Development & Resources
The American Institute of Architects

“Design professionals play a crucial role in solar deployment since they are in the unique position of educating building owners, appraisers, and code officials as part of every project.”

– Maureen Guttman, AIA, and BCAP President

I have personal knowledge of the nominee’s responsibility for the exhibit listed above. That responsibility included program creation and management, as well as content development and some training.

Cosimina Panetti
Former Vice-President
Building Codes Assistance Project
Project Collaborator

Welcome and Introductions

Building Codes Assistance Project Center for Sustainable Energy

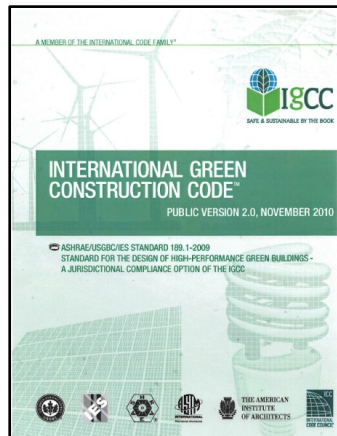
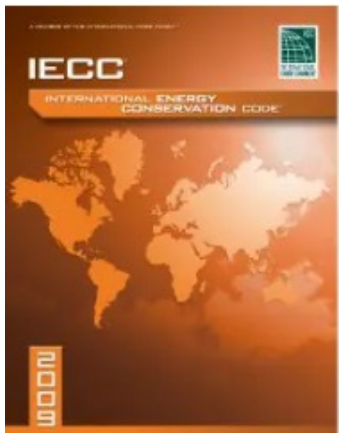
The American Institute of Architects ASHRAE

Powered by SunShot U.S. Department of Energy

International Code Council Contributions



The International Code Council (ICC) develops and promotes a full range of model building codes and building safety solutions incorporated into state and local legislation all across the country and in many international locations. The International Energy Conservation Code (IECC) was created in 2000 (as a successor to the Model Energy Code) to establish minimum standards for energy conservation and efficiency in both residential and commercial buildings. Since its inception, efficiency advocates and progressive policy makers have increased the baseline minimum stringency to address energy shortages, grid reliability, and carbon emissions across the nation. The most current version, the 2021 IECC, was recently determined by the Pacific Northwest National Laboratory (PNNL) to produce approximately 12% energy savings over the 2018 IECC, and approximately 6.5% energy savings over ASHRAE Standard 90.1-2019.



Maureen has been a leader in the successes to increase efficiency levels in this model code, a leader in advocating for its adoption in states across the country, and a leader in educating architects about their role in delivering actual energy savings through compliance.

Maureen first served on the IECC Code Development Committee in 2007, helping to create the 2009 version of the code, and then again in 2016 in development of the 2018 IECC. Her preparation and passion for advancing efficiency improvements were critical to putting the code on the path toward becoming a standard for net-zero energy, net-zero carbon design. Moreover, Maureen has volunteered countless hours developing and providing technical and policy training to industry stakeholders (see Exhibit 3.6).

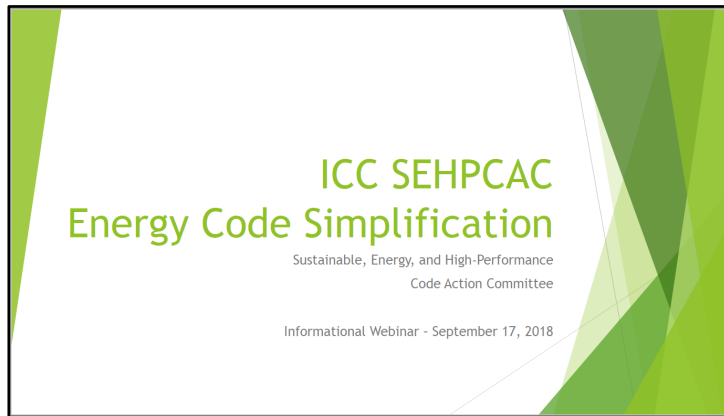
In 2009, the ICC established a committee to draft a new code, the International Green Construction Code (IgCC); Maureen was appointed to this committee as a representative of AIA. The industry recognized a need for a green building standard written in mandatory code language, as the popular rating systems being used across the country could not be enforced as requirements by the code enforcement community. Maureen was a major contributor to the development of this new code, keeping the committee on track to write a standard that was *adoptable, useable, and enforceable*.

Once the IgCC was published, Maureen was again a leader in getting the word out about this new tool, providing multiple trainings for architects and code officials. In 2015, ICC and ASHRAE announced that they would merge their sustainable code efforts into one document – the IgCC “powered by” ASHRAE Standard 189.1. Development of the technical provisions is now conducted by an ASHRAE committee, while development of the administrative provisions is retained by ICC. Maureen was a member of the first administrative development committee, preparing language for the 2018 code. Maureen wrote a number of code changes for the administrative chapter that were sponsored by the Sustainability, Energy, and High-Performance Code Action Committee (SEPHCAC); those changes were all adopted by the membership.

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included committee participation and leadership including advocacy, technical content, and general promotion of the International Codes.

Michael J. Pfeiffer, P.E.
Senior Vice President, Technical Services
International Code Council
Senior Staff Responsible for Code Development

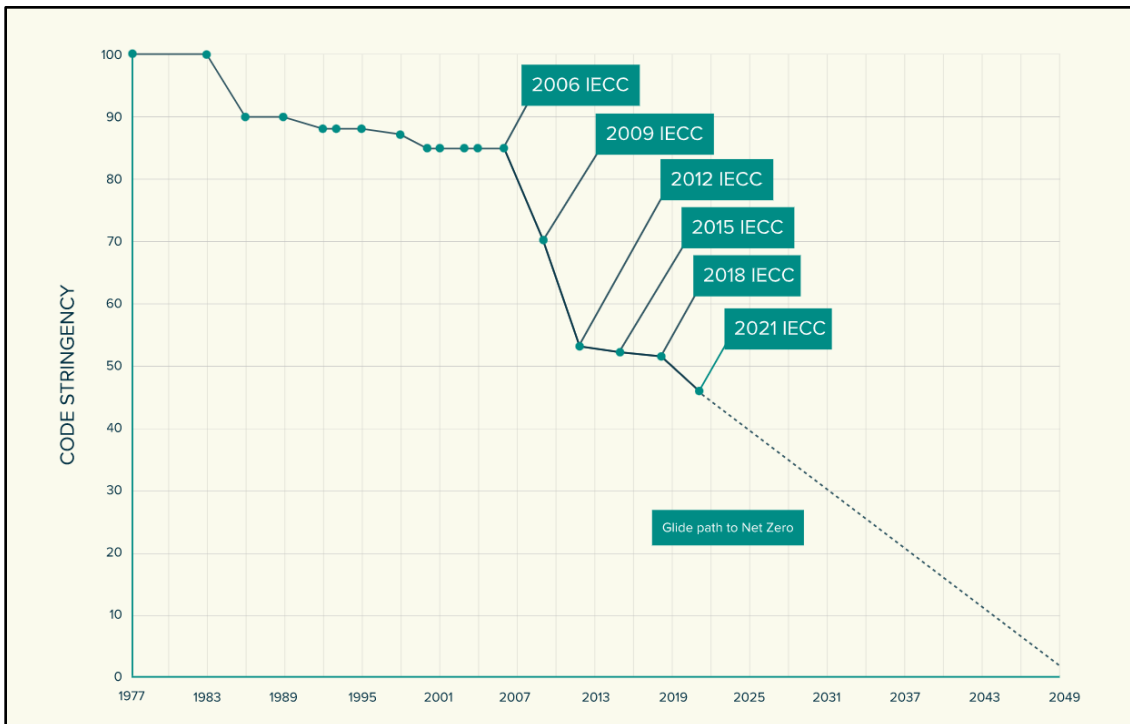
International Code Council Contributions, *continued*



Maureen joined ICC’s Sustainability Membership Council Governing Committee (SMCGC) in 2011 in its inaugural year. The Council was established to advocate for issues related to sustainability and energy efficiency, and to advise the ICC Board of Directors on programs, policies, legislative matters, and code adoption issues. The Council members elected Maureen Chair of the Governing Committee in 2015, and she served three terms in that position. Her most significant contribution to this Council’s work was to lead the establishment of a new ICC certification created specifically for design professionals – the Certified Sustainability Professional (CSP) designation. The SMCGC believes that creation of this opportunity will encourage architects and engineers to utilize their building science expertise to supplement the declining numbers of energy code enforcement personnel by becoming certified third-party plan reviewers and inspectors.

Also in 2011, the ICC created the SEHPCAC to develop code change proposals for the IECC and the IgCC that would provide clarifications, address inconsistencies, and generally improve the useability of the codes. Maureen was asked to join the SEHPCAC in 2012 and has served as an active member since.

While the SEHPCAC has drafted dozens of successful code change proposals over the years, in 2018 the committee took on the challenge of completely evaluating, reorganizing, and improving the technical chapters for both the Residential and Commercial IECC. Maureen led a small working group focused on the commercial chapter, which was ultimately much cleaner and easier to use when the proposal was complete. With the significant reorganization within the code, Maureen and ICC staff developed an informational webinar for ICC voting members to understand the changes and the logic behind them before they were asked to vote on the amendments. Both the Residential and Commercial proposals were accepted by the membership and became part of the published code in 2021.



I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included committee participation and leadership including advocacy, technical content, and general promotion of the International Codes.

Michael J. Pfeiffer, P.E.
 Senior Vice President, Technical Services
 International Code Council
 Senior Staff Responsible for Code Development

Pennsylvania Uniform Construction Code and Review and Advisory Council

Prior to 1999, the building code in the Commonwealth of Pennsylvania consisted of a slender volume of provisions regulating design and construction. This “Fire and Panic” code was originally written in 1929 and was limited in scope such that most municipalities across the state also enforced various versions of the BOCA codes. By the mid-1990’s, Pennsylvania faced the threat of losing federal emergency assistance if the building codes across the state were not updated.

As a member of the AIA PA Government Affairs committee, Maureen worked tirelessly over several years to engage members of the General Assembly to advocate for legislation adopting a modern statewide building code. The Pennsylvania Uniform Construction Code (PA UCC) was signed into law by Governor Tom Ridge on November 10, 1999, adopting 11 of the codes published by the International Code Council.

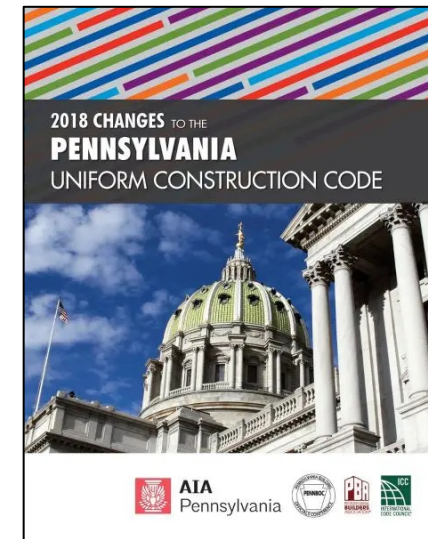
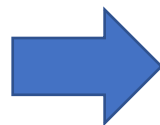
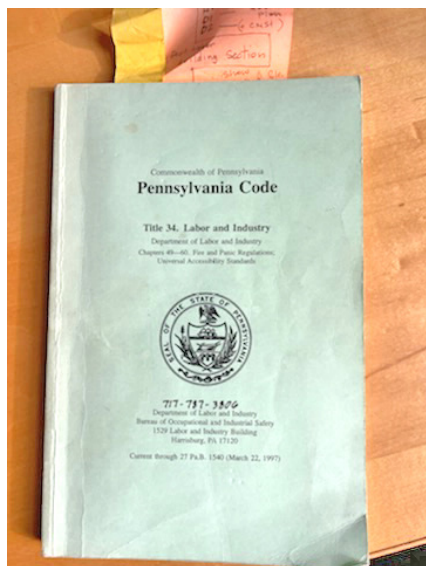
When implementation of the new codes began, the legislature became inundated with proposals to amend or delete highly technical sections of the code, which they were not equipped to evaluate. In partnership with several industry organizations, Maureen drafted language for and led the effort to create the PA UCC Review and Advisory Council (PA UCC RAC), to be made up of industry experts who could advise the General Assembly on changes and updates to the statewide code.

Legislation adopting the UCC RAC was signed by Governor Ed Rendell on October 9, 2008, which led to a less political and more professional process for advancing code amendments.

Maureen was appointed to the UCC RAC by Governor Tom Wolf in October 2015, representing Pennsylvania architects. She was elected Chair of the committee in 2017 and served in that role until 2020. In the years preceding Maureen’s tenure

on the Council, the RAC members failed twice to adopt updates to the PA UCC, leaving PA standards on the 2009 codes - several years behind the most up-to-date code editions.

Under Maureen’s leadership in 2017-18, the Council conducted a thorough study of the 2015 International Codes, ultimately offering minimal changes to be adopted. Based on the recommendations of the RAC, the 2015 UCC went into effect in October 2018.



I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included significant contribution of language to the legislation referenced, and leadership of the PA UCC RAC.

Stephen M. Swarney, J.D.
Executive Director
AIA Pennsylvania

Pennsylvania Uniform Construction Code and Review and Advisory Council, *continued*



“Hi Maureen,

Congratulations on both Tuesday’s outcome and how everything was handled. Not all state advisory committees operate quite so well as the RAC did during this cycle. It was refreshing to see such a well-managed process.”

Jeffrey Mang, Hogan Lovells US LLP



“Congrats on the huge win! By all accounts you pulled off the impossible. Who thought this could happen in PA? Amazing job!”

John Wilson, Energy Foundation

“UCC RAC Members,

I would just like to thank you all for the hard work, long hours, and dedication that went into the re-review of the 2015 codes. I have been attending RAC meetings for a few years at this point and this was by far some of the most insightful and knowledgeable discussion regarding the subject matter and easily the most participation by the members.”

Nathan Clark, Pennsylvania Department of Labor & Industry
UCC RAC Liaison

“Sincere thanks to everyone for your work on this. Your work during this process could move the Commonwealth forward by essentially a decade in terms of building codes and practices.”

Stephen Latanishen, Office of Governor Tom Wolf, Liaison for Boards & Commissions



Pittsburgh Post-Gazette, May 2018

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included significant contribution of language to the legislation referenced, and leadership of the PA UCC RAC.

Stephen M. Swarney, J.D.
Executive Director
AIA Pennsylvania

Trainings and Presentations

Maureen Guttman, AIA is a nationally recognized expert on the technical and policy details of building codes, sustainability, and energy efficiency in buildings, and how architects can contribute to the solutions addressing climate change. She is frequently sought after to speak on these issues for a wide range of audiences – architects, builders, manufacturers, code officials, and public officials.

With frequent updates to the energy codes, and emerging business opportunities for architects, the need for new content and fresh presentations is constant. Maureen develops materials according to the request received and the audience addressed, always focused on promoting the value that architects bring to creation of a sustainable built environment.

This exhibit lists some of the dozens of trainings and presentations Maureen has offered throughout her career and will continue to do at every opportunity.

INTERNATIONAL

Green Building Practices in the U. S.

Assises de l’Energie Conference, Dunkerque France 2008
At the invitation of the U.S. Department of State



Wilfred Muskens, Jean-Pierre Giboz, Yannick Vissouze, Communaute Urbaine de Dunkerque, Luke Ravenstahl, Sylvie Vacheret, Maureen Guttman, Everett Wakai, February 2008. [A. Beullard, U.S. Consulate Lyon]



U.S. Speaker Maureen Guttman, February 2008. [John Rogers, U.S. Embassy Rome]

Green Building Practices in the U. S.

Presentation to local architects and engineers, Vicenza Italy 2008. At the invitation of the U.S. Department of State

Achieving a Carbon-Neutral Future

Panel presentation for EE Global, Copenhagen Denmark 2018

OPPORTUNITIES FOR ARCHITECTS

A Future of Green Codes: Advocating for Opportunity and Prosperity

AIA Convention, Philadelphia 2016

Architects Leading the Commissioning Process
AIA Convention, Atlanta 2015

Best Practices for Designing & Permitting Solar PV Systems

In partnership with ICC Solar Rating and Certification Corporation, Pittsburgh 2017

The Future of Architecture is Built on Energy Codes

BONDMULTI Conference, Miami 2017



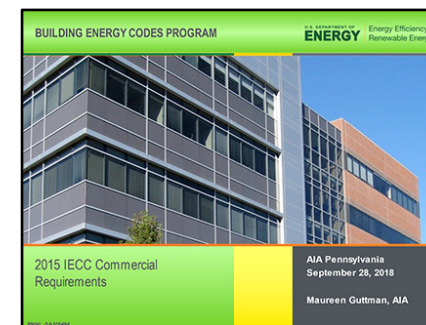
Hanley Wood Vision 2020, New Orleans, LA

The Architect as Superhero

Hanley Wood Vision 2020 Conference at Greenbuild, New Orleans 2014

Training for Architects – 2015 IECC Commercial Requirements

AIA PA, Statewide 2018



I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included development of content and conducting the presentations.

William D. Fay

Former Executive Director

Energy Efficient Codes Coalition

Co-worker from 2011 - Present

Trainings and Presentations, *continued*

PUBLIC POLICY

EE 101: Energy Codes - Congressional Briefing

In partnership with the Alliance to Save Energy, Washington DC 2015

The Best Policy Tool for Sustainability – Building Energy Codes

Council of State Governments Annual Meeting, Covington KY 2018

ENERGY AND GREEN BUILDING CODES

SEHPCAC’s simplification of the IECC

Webinar for the general public, September 2018

AIA and the Importance of Energy Codes

AIA Convention, Chicago 2014

National Energy Code Outlook: Where We Are, Where We’re Going

NESEA Conference, Boston 2017

An Overview of Building Commissioning

ICC Annual Conference, Ft. Lauderdale 2014

An Introduction to the International Green Construction Code

ICC Annual Conference, Long Beach 2015

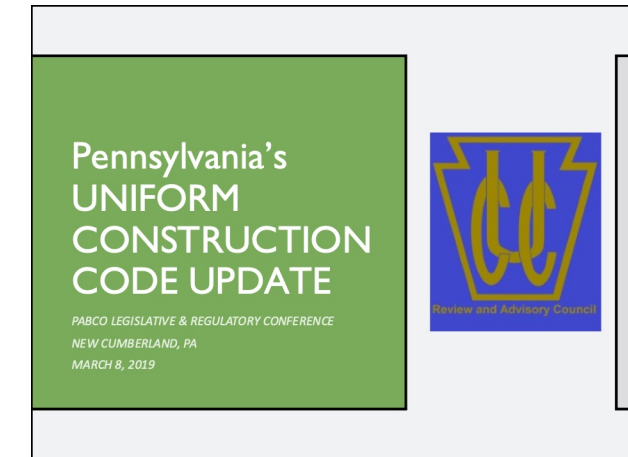
Recap of the 2018 IECC Development Process

Webinar for Design/Construction Industry – December 2016



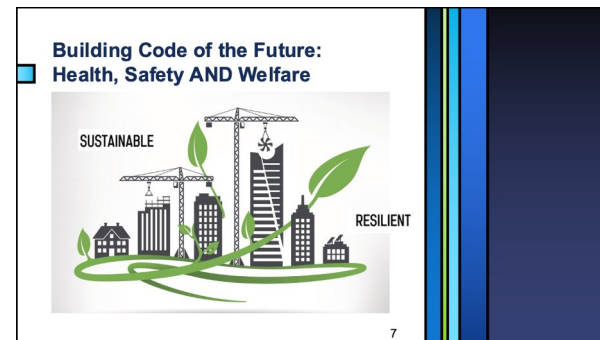
Technical Training for PA Code Officials on UCC Update

PA Building Code Officials Conference, March 2019



IgCC Powered by 189.1 Panel Discussion

ICC Annual Conference, October 2017



I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included development of content and conducting the presentations.

William D. Fay
Former Executive Director
Energy Efficient Codes Coalition
Co-worker from 2011 - Present

Pennsylvania Turnpike Facilities

The PA Turnpike first opened in October 1940 and became the national standard for superhighway design and engineering. By the beginning of the next century, most of the supporting facilities were in need of repair or replacement, and new sections of roadway being constructed needed new buildings to support workers and technology.

Maureen joined the Pennsylvania Turnpike Commission (PTC) staff as Facilities Architect in April 2003. As the first architect on staff in many years, she managed contracts with design consulting firms for major renovations of existing buildings and new facility construction with an eye toward preserving the venerable history of the turnpike system while acknowledging its future as a vital segment of the nation’s transportation network.

As the Owner’s Representative for these projects, Maureen consulted closely with the architects on all aspects of form and functionality, prioritizing energy efficiency and sustainability. The facilities shown here include the Trevoise Maintenance Facility, which was recognized as a LEED Silver building, and the California interchange on the newly-constructed Mon-Fayette Expressway.



Design and photo credit: VITETTA Architects & Engineers



Design and photo credit: VITETTA Architects & Engineers



Design and photo credit: VITETTA Architects & Engineers



Design and photo credit: VITETTA Architects & Engineers

I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included representation of the owner during the design and construction processes.

Jeffrey R. White
Former Director of Toll Collection Systems
Pennsylvania Turnpike Commission
Collaborator with Facilities Department

Longue Vue Country Club Renovations



“Perched on a ridge high above the Allegheny River, Longue Vue has been a Pittsburgh treasure since 1920, when a group of prominent industrialists created a retreat where friends and family could join for recreation and celebration.”

From the Club website



The Norman-style Longue Vue clubhouse was designed by Pittsburgh architect Benno Janssen and built in 1925. In 1992, club members retained the firm of MacLachlan, Cornelius & Filoni Architects (MCF) to conduct a Master Plan for multiple renovations throughout the historic facility.

Maureen was a Project Architect with MCF from 1991 until 1996 and was the responsible designer for the Ladies’ Locker Room Renovation, and for the new Gatehouse near the seventh tee. She also oversaw all of the Contract Administration work for the firm during a year-long construction process.



Longue Vue’s Clubhouse was designated as a National Historic Landmark in 2006, and the clubhouse, grounds, and golf course remain among the top golf and wedding destinations in Pennsylvania.



All Photos: Longue Vue Club; Design and Photo credit Tim Powers



Longue Vue Country Club Entrance Drive, Verona PA



I have personal knowledge of the nominee's responsibility for the exhibit listed above. That responsibility included design and project management.

Timothy L. Powers, RA, NCARB
 President, Sr. Principal
 MCF Architecture
 Senior Partner-in-Charge of the Project