

CHARLES MATIAS GARCIA

+1 901 289 3005 / charlesmgarcia@gmail.com / Boston MA & Auburn AL

Registered Architect, Massachusetts #50503

LEED Accredited Professional

EDUCATION

2004–2006 Master of Architecture • University of Michigan, Ann Arbor
 2002–2003 Study abroad • Ecole nationale supérieure d'architecture de Versailles (France)
 2000–2004 B.S. in Architectural Studies—Chancellor's Scholar • University of Illinois at Urbana-Champaign

PROFESSIONAL EXPERIENCE

2017—PRESENT PAYETTE ARCHITECTS • BOSTON MAARCHITECTURAL DESIGN AND DOCUMENTATION**2019—present Wesleyan University - New Science Center • Middletown CT**

190,000 GSF Life science building becomes the new center for Wesleyan's science campus, featuring bespoke labs for 35+ PI's around a central enclosed public commons. High-performance exterior facade of digitally-fabricated Class III Jura limestone and west-facing double-skin facade overlooking new landscape plaza shared with historic lab by McKim, Mead, and White. Design Documentation through Project Delivery, est completion Fall 2025

2018—present Univ. of Pittsburgh School of Medicine - Addition and Renovation of Scaife Hall • Pittsburgh PA

85,000 GSF new construction includes lecture hall, team-based learning classrooms, testing facility, gross anatomy labs (traditional and AR/VR), and student collaboration spaces, connecting all floors directly to existing School and UPMC Hospital. Exterior sunshades along west elevation are tuned by daylight modeling to optimize building energy performance. Cascading multi-story seating stair paired with exterior landscape planters mitigates 30' delta between entries along public way at Lothrop St. Schematic Design through Project Delivery, est completion Winter 2022.

2017-2018 Massachusetts Dept. of Public Health - Addition and Renovation of Hinton Lab • Boston MA

2017-2018 Hengqin Hospital, Specialty Hospitals, and Elderly Housing Towers • Zhuhai, China

2017 University of Connecticut Science One Lab Building • Storrs CT

2014—2017 UTILE ARCHITECTURE & PLANNING • BOSTON MAPROJECT DESIGN / MANAGEMENT**2014—2017 The Girard at 600 Harrison • Boston MA**

240,000 SF 160-unit residence in historic South End neighborhood addresses a narrow lot across from Boston Cathedral, includes amenity spaces, ground-floor restaurant, and significant underground parking facility. Key design elements include high-performance fiber-cement rainscreen and pre-fabricated load-bearing wall structure. Design Development through Project Delivery.

2017 Renovation to the Dudley Branch of the Boston Public Library • Boston MA

2016—2017 7 E. Springfield St. condominiums • Boston MA

2015 DotMOD Housing Block (with Merge Architects) • Boston MA

PROFESSIONAL EXPERIENCE (CONT.)

2011—2014 RAHUL MEHROTRA ASSOCIATES ARCHITECTS • MUMBAI—BOSTONPROJECT DESIGN / MANAGEMENT

- 2011—2014 Lab of the Future, Novartis (with Blaser-Butscher Architekten) • Basel, Switzerland**
100,000 GSF new research building sited along Rhine River at flagship campus combines open laboratory spaces and offices around lush interior skylit courtyard, with embedded intimate collaboration areas. Primary 'verandah' facade highlights seasonal change through planting selections by Vogt Architekten, providing privacy to lab spaces beyond. Schematic Design through Project Delivery.

CONCEPTUAL DESIGN STUDIES

- 2015 Sydney Modern Museum of Art Invited Competition • Sydney, Australia
 2013 House on the Bay • Chennai, India
 2012 Project Sammaan Design Competition, Winning Entry • Bhubaneswar and Cuttack, India
 2012 House at Pineda de Mar • Barcelona, Spain
 2011 Narsingi Residential Masterplan • Hyderabad, India
 2011 ATE India Textile Factory Office • Ahmedabad, India

2007—2011 KENNEDY & VIOLICH ARCHITECTURE (KVA MATx) • BOSTON MACONCEPTUAL DESIGN STUDIES

- 2011 Minneapolis Riverfront Design Invited Competition (with Tom Leader Studio) • Minneapolis MN**
Winning entry for comprehensive masterplan for 5-mile stretch of urban waterfront, including landscape remediation strategies, urban planning, public recreation facilities, wayfinding and graphic identity.
- 2010 Internationale Bauausstellung (IBA) Hamburg Competition, Winning Entry • Hamburg, Germany
 2010 Tozzer Library, Harvard University • Cambridge MA
 2010 Peabody Museum of Archaeology and Ethnology, Harvard University • Allston MA
 2010 Renovation for Harvard Printing and Storage Building • Allston MA
 2010 Expo 2010 International Competition for SILO Recycling • Yeosu, Korea

ARCHITECTURAL DESIGN AND DOCUMENTATION**2007—2010 University of Pennsylvania Law School • Philadelphia PA**

- Academic office and classroom building serves as new primary entrance to historic urban law quad. Brick facade employs digital techniques to articulate window openings; innovate use of marble and wood panels energize the courtyard campus using existing material vernacular. Programming through Construction Documents.*
- 2007—2008 Center for Government and International Studies, Harvard University • Cambridge MA
 2007—2008 Railroad Reservation Park and Amphitheater (with Tom Leader Studio) • Birmingham AL
 2007—2008 Beaver Country Day School Master Plan • Chestnut Hill MA
 2007 E. 34th St. Ferry Terminal • New York NY

MEDIA DESIGN

- 2008—2011 portablelight.org (collaboration with Crush+Lovely) • website design
 2009 SOFT HOUSE on Science Channel's 'Brink' • motion graphics
 2009 'KVA DAY' at AIA 2009 Convention, San Francisco CA • videography
 2008 Portable Light at MoMA's 'Design in the Elastic Mind' • digital and exhibition graphics

PROFESSIONAL EXPERIENCE (CONT.)

FABRIC PROTOTYPE DEVELOPMENT

- 2005—2011** **Portable Light Project • solar power generator, optical reflector, integrated lighting**
Interdisciplinary material research project focused on deploying technology-integrated textile products adapted to various user groups around the world. Pilot projects include work with nomadic groups in Sierra Madre Mexico, rural clinics in South Africa, sea turtle conservationists in coastal Nicaragua, and a technology NGO in Nairobi, Kenya.
- 2010 'Gold Awards' Prototypes (with Elle Magazine) • 9 new products in collaboration with leading fashion designers for charity auction
- 2009 FLAP (collaboration with Timbuk2) • solar messenger bag with integrated lighting
- 2008 'Solar Strap' • solar power generator, optical reflector (confidential)
- 2007 'Mobility' • solar power generator, optical reflector (confidential)

ACADEMIC POSITIONS

2022—PRESENT AUBURN UNIVERSITY (1 semester)ADJUNCT FACULTY

- 2022 ARCH5010: Fluid/Dynamic: Center for Aquatics and Dance (Chattanooga TN)
- 2022 ARCH5990: Thesis Research

2013—2017 NORTHEASTERN UNIVERSITY ADJUNCT LECTURER (5 semesters)ADJUNCT LECTURER

- 2017 ARCH3170: Architecture, Infrastructure, and the City (Maverick Mills, East Boston MA)
- 2016 ARCH3170: Architecture, Infrastructure, and the City (Maverick Mills, East Boston MA)
- 2015 ARCH3170: Architecture, Infrastructure, and the City (Maverick Mills, East Boston MA)
- 2014 ARCH3170: Architecture, Infrastructure, and the City (Maverick Mills, East Boston MA)**
5-acre brownfield site amid glacial drumlins with 200,000 GSF of program, required development of urban masterplan and infrastructural connections, architectural proposal for residences and public facilities, facade detailing, landscape integration. Studio coordinator in 2015.
- 2013 ARCH3170: Architecture, Infrastructure, and the City (Assembly Row, Somerville MA)

2007— 2012 BOSTON ARCHITECTURAL COLLEGE (9 semesters)INSTRUCTOR / CO-DIRECTOR OF URBAN DESIGN/BUILD [UDB] PROGRAM / THESIS ADVISOR

- 2012 'Growing Postal' M.Arch Thesis Advisor for L. Tofias, BAC Commendation
- 2011 'Urban Camouflage' M.Arch Thesis Advisor for M. Demers, BAC Commendation
- 2010 "Experiencing Urban Seasons" M.Arch. Thesis Advisor for R. Grace, Steffian Centennial Thesis Award
- 2010 "Ecotopia House" design/materials application advisor for design/build studio
- 2010 "research, execute: surface" Urban Design/Build workshop with B. Gramann
- 2009 "Nomadic Canopies" Urban Design/Build workshop with K. Sturgeon
 Development and fabrication of flexible material canopies for public interaction, featured in invited temporary installations throughout Boston area.
- 2008 "Pack it up, pack it in" Urban Design/Build workshop with K. Sturgeon
 Semi-permanent installation of concrete benches, deployable wood seats / stage assembly, and mountable textile shade structure in pre-developed urban courtyard.
- 2007 "re[site]al" Advanced Design Graduate Option Studio (C1)

Invited guest reviewer: Auburn University, Boston Architectural College, Kendall College of Art and Design, MassArt, Massachusetts Institute of Technology, Northeastern University, Olin College, Rhode Island School of Design, Roger Williams University, School of the Art Institute of Boston, University of Michigan, Wentworth Institute of Technology

AWARDS / PUBLICATIONS / EXHIBITIONS

for Utile Architecture and Planning

2017 The Girard at 600 Harrison - Boston Society of Architects (BSA) Honor Award for Design Excellence

for RMA Architects

2017 "Soft Thresholds" exhibition of work of RMA, Harvard GSD, Cambridge MA
 2013 "3 Projects by RMA Architects" Bienal Internacional de Arquitectura de Buenos Aires
 2013 "Kinetic City" exhibition, British School at Rome (Italy)
 2012 "Water - Blessing or Curse?" exhibition, Aedes Gallery, Berlin, Germany

for KVA / Portable Light Project

2015 Tozzer Anthropology Building cover feature story in Architect Magazine, August issue
 2010 Portable Light Project in "Design to Change the World," Tokyo, Japan
 2010 "Gold Awards" in Elle Magazine, May issue
 2009 "FLAP - Flexible Light and Power" in I.D. Magazine "40 Products," January issue
 2009 "FLAP - Flexible Light and Power" in "PopTech2009: America Re-Imagined," Camden ME
 2008 "Design and the Elastic Mind" exhibition, Museum of Modern Art (MoMA), New York NY
 2007 "Design for the Other 90%" exhibition, Cooper-Hewitt Museum, New York NY
 2006 "Portable Light Project" at NextFest by WIRED Magazine, New York NY
 2005 "Portable Light Project" at NextFest by WIRED Magazine, Chicago IL

for BAC design/build workshop

2010 "Living Concrete/Carrot City" exhibition, Parsons New School of Design, New York NY
 2010 "Evolving Practice" exhibition, Boston Architectural College, Boston MA
 2010 Figment Boston 2010, Cambridge MA
 2010 "ArtRAGES: Surrealestate" by Mobius Art Group, Boston MA
 2010 Berkshire Taconic Artists Trust Fund Award
 2008 "Carrot City" exhibition at Design Exchange, Toronto, Canada
 2008 "Jazz in the Park" Frederick Douglass Peace Park, Boston MA

for independent design work

2006 "Banned Books" in Volume 15, Destination Library (Columbia Univ. / Archis)
 2006 "[sic] seditious incendiaries collection" (M.Arch thesis) in Dimensions 20 (Univ. of Michigan)
 2005 "Bombay Backbay" in Mapping Mumbai (Urban Design Research Institute, India)