

College of Architecture & The Built Environment

Graduate Programs



Barbara Klinkhammer RA (DEU), Dipl.-Ing.

Dean and Professor
College of Architecture and the Built Environment



Thomas Jefferson University
4201 Henry Ave.
Philadelphia, PA 19144
USA

www.jefferson.edu

Welcome to Thomas Jefferson University

Jefferson is still here for you!

Virtual Visits

As we continue to monitor the coronavirus (COVID-19) pandemic, Thomas Jefferson University has suspended all on-campus visit opportunities until further notice.

Learn about the many opportunities to connect with us virtually.



Thomas Jefferson University

Mission

*Jefferson is a comprehensive university focused on **transdisciplinary, experiential professional education**, one that is designed to deliver high-impact education and value for students with preeminence in architecture, business, design, fashion, engineering, health, medicine, science and textiles, infused with the liberal arts.*



We Improve Lives: Designing and Building a Better World



OUR LOCATIONAL ADVANTAGE

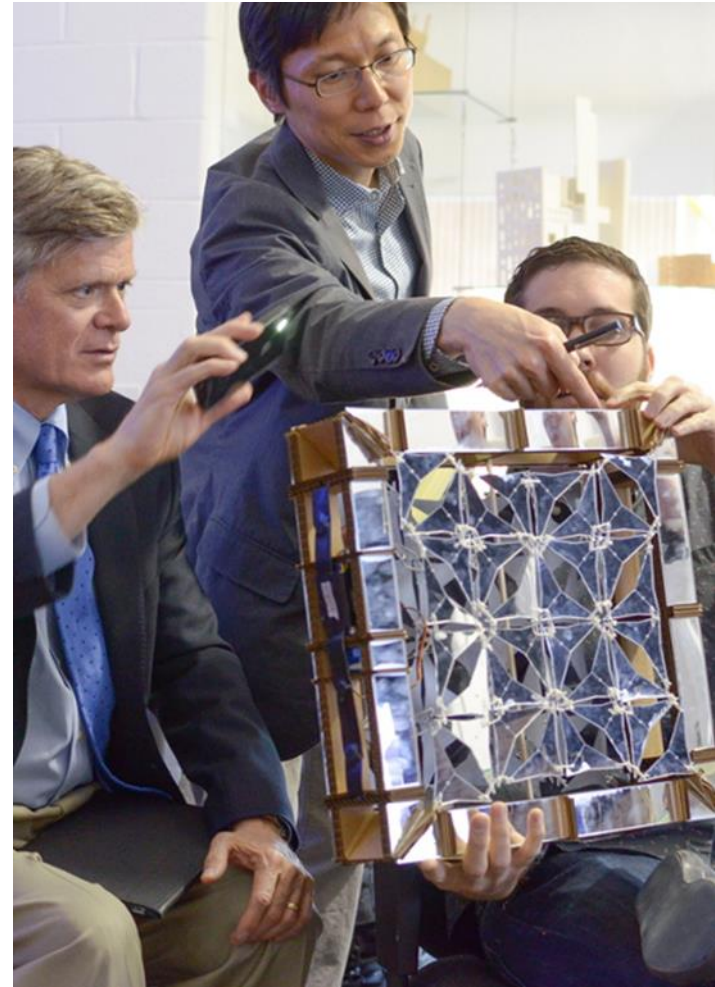
- Green campus, close to Center City and many amazing communities
- Philadelphia is located between New York City and Washington on the East Coast of the U.S.
- Strong relationships with the community and industry partners
- Philadelphia serves as our living lab

Students preparing for project at nearby Rittenhouse Town, America's oldest paper mill



EMPHASIS ON TEACHING

- Student-centered education
- Small class sizes
- Personal attention
- Academic Success Center
- Faculty academic advisors



IN GOOD HANDS

Highly accomplished faculty

- Award winning teachers, researchers, practitioners
- High number of licensed professionals
- Balance between full-time and part-time instructors
- Research opportunities with accomplished faculty



COMPREHENSIVE CURRICULA

- Balance between theory and practice, design excellence and making
- Unique combination of architectural disciplines across the whole spectrum of the architectural fields = interdisciplinary collaboration
- 5 UG Programs + 8 G Programs
- Preparing to be future leaders in their fields
- Emphasis on sustainability, equity, excellence



KEY VALUES

SUSTAINABILITY

SOCIAL EQUITY

DESIGN EXCELLENCE



NEXUS LEARNING

- Active
- Collaborative
- Real-World
- Collaborative Project experience





TRANS-DISCIPLINARY COLLABORATION

“Rethinking the Emergency Room”

- Architecture, Interior Design, and Medicine

Annual “Nexus Maximus”

- 4-day event for all majors
- Students from Chile, Ireland, Germany, Finland, New York

“Textile and Shelter”

- Architecture, Textile, Fashion and Industrial Design
- Funded by 2016 NCARB Award



AREAS OF DISTINCTION

- Sustainability, energy efficiency and high-performance buildings
- Smart and healthy cities
- Community engagement—developing sustainable and healthy neighborhoods
- Advanced fabrication and computational design
- Public interest design



RESEARCH

- Smart and Healthy Cities (E. Stach, K. Ku)
- High Performance Buildings, Façade Technology (J. Doerfler, E. Stach, M. Gindlesparger)
- Air Quality + Breathing Wall Systems (A. Messinger, M. Gindlesparger)
- Parametric and Computational Design (K. Ku, Loukia Tsafoulia)
- Building Envelopes & Textiles (K. Ku)
- Lighting Design (L. Baumbach, J. Doerfler)
- Humanitarian + Public Interest Architecture (Harnish, Douglas, Kratzer)
- Park-in-a-Truck (Douglas, Tucker)
- Design Informatics (K. Ku)
- Humanitarian and Public Interest Architecture (C. Harnish)



LAB FOR URBAN AND SOCIAL INNOVATION (LUSI)

- Director: Professor Kim Douglas
- Faculty: C. Harnish, D. Kratzer, S. Frosten, M. Tucker
- Research and design
- Community engagement with human-centered design methodology
- Collaboration with Philadelphia Collaborative for Health Equity
- Park-in-a-Truck



MALAWI CENTER FOR HEALTH AND DESIGN

- Director: Professor Chris Harnish
- Design-Build
- Malumu Hospital in Blantyre / Masterplan and Buildings
- KZH Hospital collaboration in Lilongwe
- Collaboration with Sydney Kimmel Medical College



CENTER FOR THE PRESERVATION OF MODERNISM

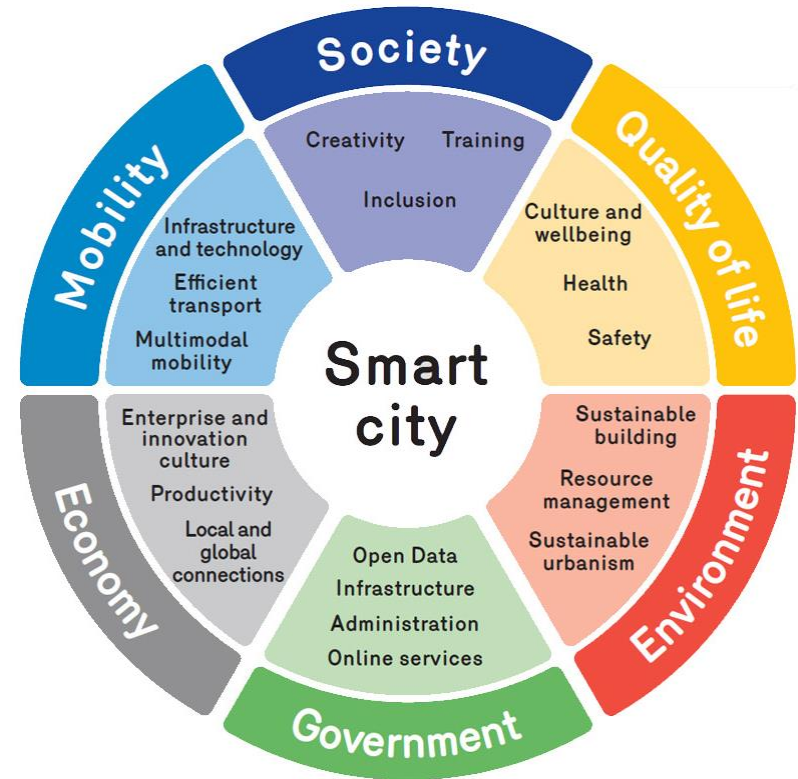
- Director: Professor Suzanne Singletary, PhD
- Research, Archive, Symposia, Publications
- Hassrick House, Richard Neutra
- Collaboration with DOCOMOMO US, Preservation Alliance, Terragni Archive



Hassrick House, Richard Neutra, 1957, Philadelphia

INSTITUTE FOR SMART AND HEALTHY CITIES

- Co-Lead: Edgar Stach, PhD
Barbara Klinkhammer, Dean
- Transdisciplinary Research and Design to advance the development of the urban environment into smart and healthy cities
- Research opportunities for graduate students
- Collaboration with multiple non-profit organizations and industry partners



External Partnerships

Gensler

MG
A+D

MICHAEL GRAVES
ARCHITECTURE & DESIGN

**EWING
COLE**

 **ARRAY**
architects

JACOBS™

 **NELSON**

WRT

**10
h+k**

 **Stantec**

SMITHGROUP JJR



Cope Linder Architects

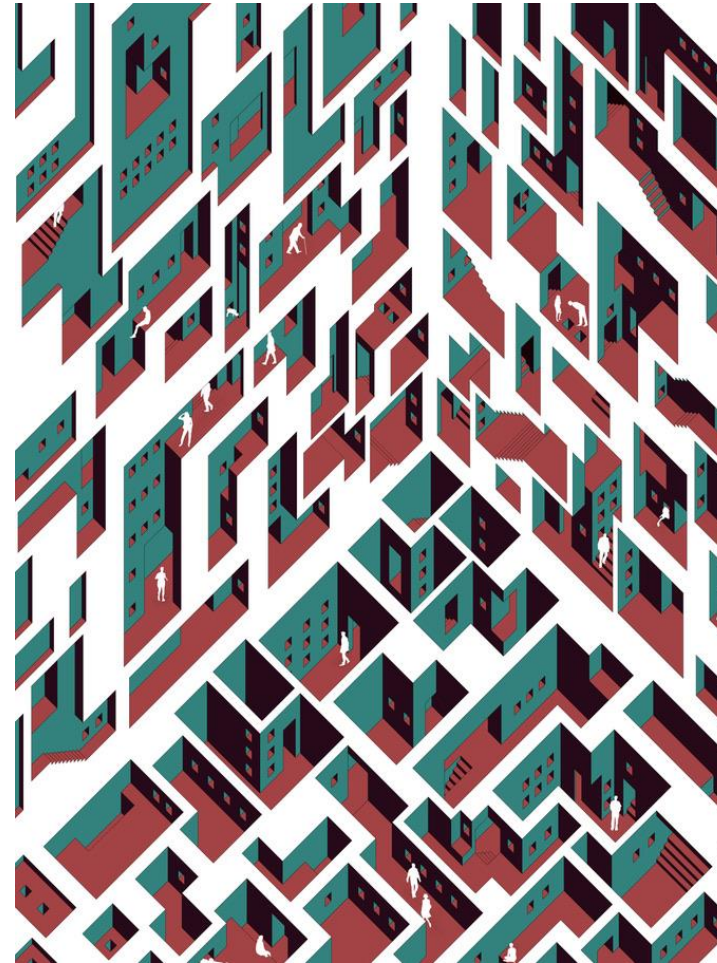


Jefferson

CREATE WHAT'S NEXT

MASTERS PROGRAMS

- Master of Architecture
- MS in Architecture
- MS in Construction Management
- MS in Geospatial Tech for GeoDesign
- MS in Historic Preservation
- MS in Interior Architecture
- MS in Real Estate Development
- MS in Sustainable Design



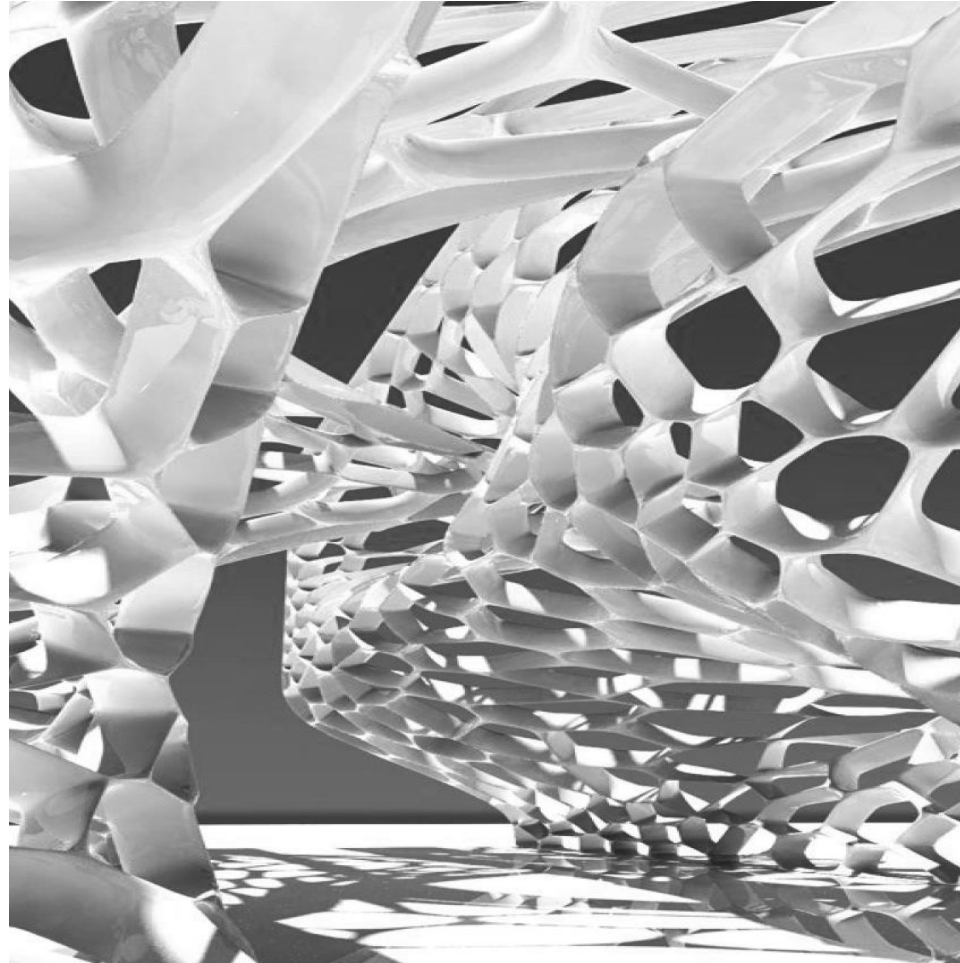
ARCHITECTURE (M.Arch)

- NAAB accredited; STEM / OPT
- 2 to 3.5 Year Professional Program
- Advanced standing for architecture prepared students
- Leads to professional licensure in U.S.
- Focused on contemporary issues in architecture
- Design excellence, sustainability and innovation
- Internships and employment in highly regarded firms



ARCHITECTURE (M.S. Arch)

- Post-professional research degree leading to specialization (for students with a professional B.Arch)
- 1 to 2 years (36 cr.)
- Customizable curriculum
- Specialist and consulting positions
- Interdisciplinary faculty
- Multiple concentrations—High Performance Buildings, GIS, Sustainable Design and others
- STEM / OPT



RETENTION RATE

85%

Retention Rate for CABE in 2018

PLACEMENT RATE

100%

First Destination Report Class of 2019:
Employment and Graduate School
Success Rate for CABE undergraduate
students

DISTINCTIONS

1 Fulbright Teaching Scholar:
Professor Chris Harnish
FIVE TIME WINNER of John
Stewardson Fellowship
Competition

AWARDS

- 1st Prize in 2020, 2018, 2017, 2016, 2014 of John Stewardson Fellowship Competition (all PA Architecture Programs)
- *Architect Magazine* Studio Prize, 2019 (Malawi Studio)
- 1st Prize: 2014 ACSA International Student Steel Design Competition
- 1st Prize for Office Building: 2019 DOE Race to Zero Solar Decathlon Design Challenge Competition

EMPLOYERS OF JEFFERSON GRADUATES

- | | |
|---------------------|--------------------|
| • Gensler | • Ballinger |
| • HOK | • WRT |
| • Jacobs | • Nelson Worldwide |
| • WRT | • Michael Graves |
| • Stantec | • EwingCole |
| • Kieran Timberlake | • SmithGroup |

JOB TITLE

Architect

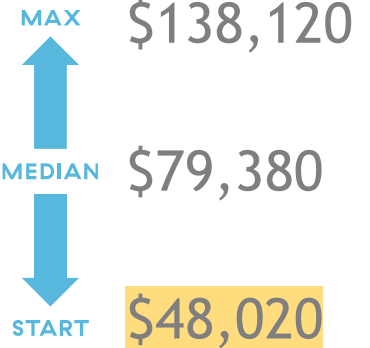
OUTLOOK

“Architects plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property.”

“Employment of architects is projected to grow 8 percent from 2018 to 2028, faster than the average for all occupations.”

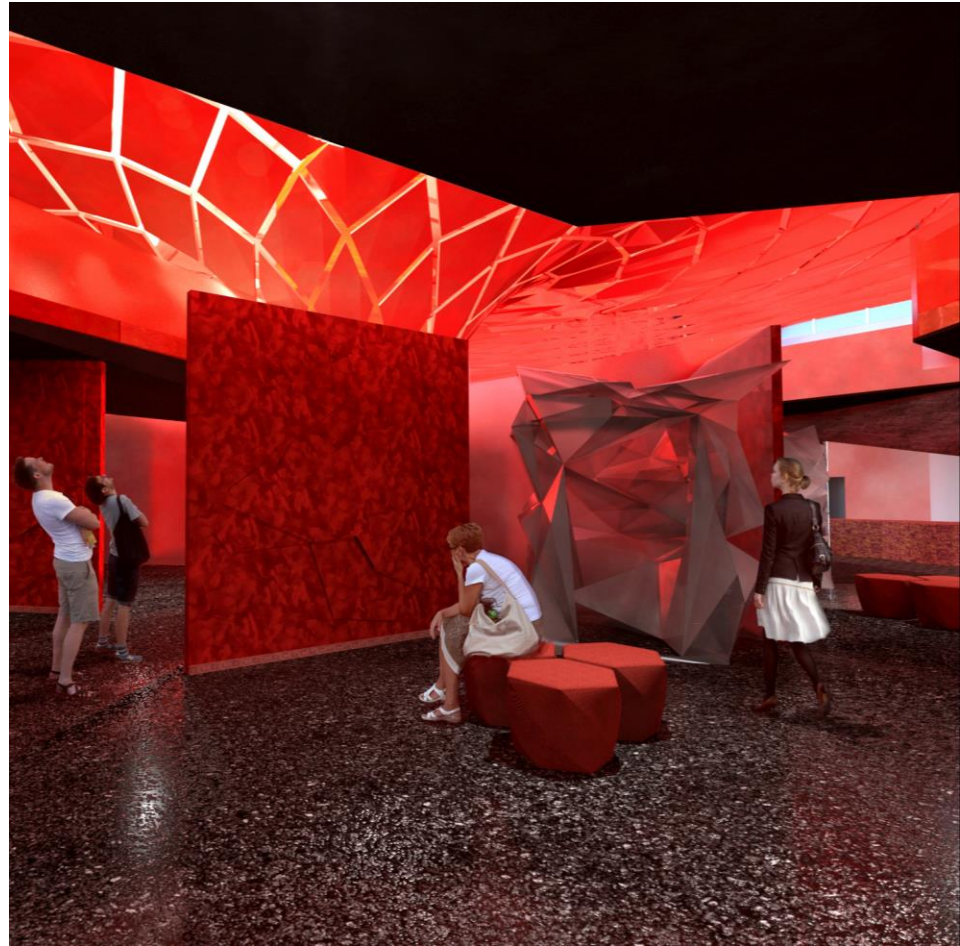
Sources: U.S. Bureau of Labor Statistics
<https://www.bls.gov/oes/2018/may/oes171011.htm>

SALARIES



INTERIOR ARCHITECTURE (M.S.)

- Award-winning and ranked program
- 2 to 3 year degree program, advanced standing for architecture or interior design prepared students
- Choice of professional or research focus
- Study away options to Denmark or Rome
- Prepares students for NCIDQ certification
- Internships options



GRADUATION RATE

85%



PLACEMENT RATE *

100%

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RANKINGS

TOP 10 in the U.S. -
Ranking in Design Intelligence
2019-2020 in 7 categories.

TOP 15 in the U.S. -
Ranking in Architectural Digest
2019 for Best Interior Design
Schools.

AWARDS

- Narada Walters wins 1st Place *IIDA PA/NJ/DE Student Design Competition 2019*
- Autumn Stuart & Daniela Cintrón Lauzurique win 2nd Place & \$4,250 in *HOK Futures Design Challenge 2019*

EMPLOYERS OF JEFFERSON GRADUATES

- Gensler
- HOK
- Jacobs
- Daroff Design
- Nelson
- EwingCole
- Stantec
- Knoll
- Meyer Design
- Disney

JOB TITLE

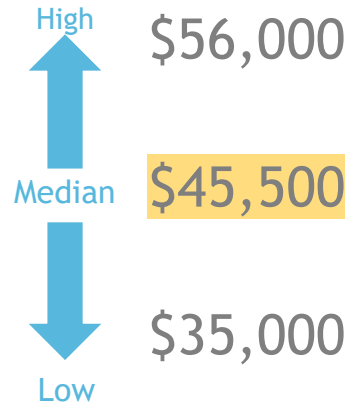
Interior Designer (entry level)

OUTLOOK

Bureau of Labor Statistics,

“Employment of interior designers is projected to grow 4 percent from 2018 to 2028, about as fast as the average for all occupations. Designers will be needed to respond to consumers’ expectations that the interiors of homes and offices meet certain conditions, such as being environmentally friendly and more easily accessible.”

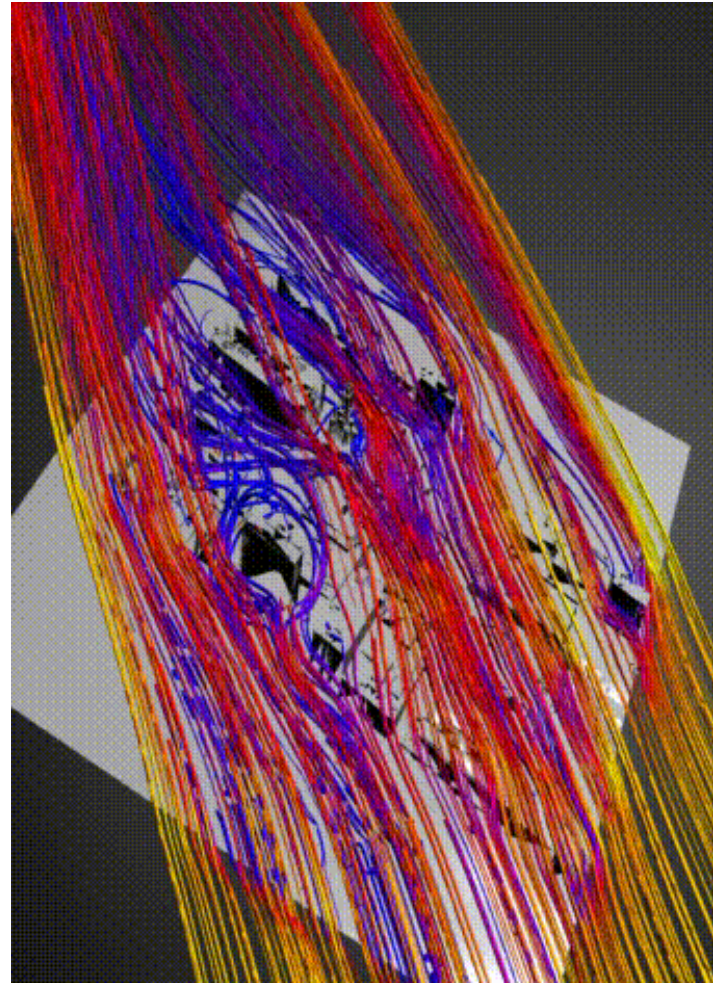
STARTING SALARIES - PHILA. *



* Starting salaries will vary upon region of the country.

GEOSPATIAL TECHNOLOGIES FOR GEODESIGN (M.S.)

- 1- to 2-year program (36 cr.)
- Collaborative and interdisciplinary classes
- Advanced Geospatial Technology, Lidar, GIS, City Engine
- Applied geospatial technology for sustainable urban design
- 3D Parametric Modeling, Advanced Spatial Analysis
- STEM / OPT



SUSTAINABLE DESIGN (M.S.)

- 1- to 2-year (34 cr.) award-winning, trans-disciplinary program
- STEM / OPT; on-campus or online
- Performative design, systems integration, experiential & cultural factors
- Two Tracks: Sustainable Practices (Design), Sustainability Leadership
- Accomplished faculty + industry partners
- 1+1 Sustainable Design + Construction Management

Figure 4-50
3D Section Shows the PDEC through the Living Room and Bedrooms

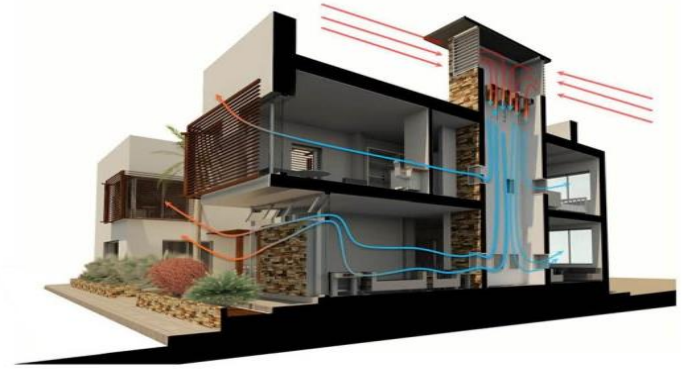


Figure 4-51
3D Section Shows the PDEC through the Family Rooms



CONSTRUCTION MANAGEMENT (M.S.)

- 1- to 2-Year Program (36 credits)
- Industry-centered curriculum with focus on commercial, residential and industrial project management
- Interdisciplinary collaboration
- Expert faculty, strong network with the CM industry
- STEM / OPT; on-campus or online
- 1+1 Sustainable Design + Construction Management



CABE
RETENTION RATE

PLACEMENT RATE

85% 100%

Retention Rate for CABE in 2018

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POTENTIAL POSITIONS

- Project Manager
- Superintendent
- Project/Field Engineer
- Estimator
- Scheduler
- VDC/BIM Specialist
- Owner's Representative

EMPLOYERS OF JEFFERSON GRADUATES

- INTECH Construction
- LF Driscoll
- The Norwood Company
- Total Construction Inc
- Turner Construction Company

EMPLOYERS OF JEFFERSON GRADUATES

- South Eastern Transportation Authority (SEPTA)
- Henkels & McCoy, Inc. (H&M)
- Warfel Construction Company
- Whiting-Turner Contracting Company
- W.S Cumby Construction

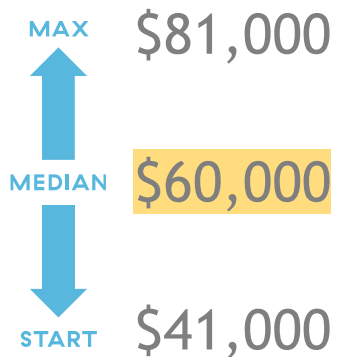
JOB TITLE

Assistant Project Manager (Entry-level)

OUTLOOK

- **Assistant Project Manager (APM) Responsibilities**
 - Managing the project from take off to closeout
 - Assisting in estimating project scope and scheduling
 - Managing submittals, change orders, RFIs, etc.
 - Providing on site management of construction projects
 - Communicating and collaborating with project parties (owner, architect, designers, subcontractors, vendors, etc.)

STARTING SALARIES*



* Average Assistant Project Manager, Construction Salary in Philadelphia, PA from PayScale

REAL ESTATE DEVELOPMENT (M.S.)

- 37 credits, 12-courses
- Economic, environmental and social impacts
- Urban regeneration, historic neighborhoods
- Commercial, industrial, institutional and residential development
- Faculty of industry experts
- Case study analysis, on-site visits, real-world projects
- 1+1 Real Estate Dev. + Construction Management



HISTORIC PRESERVATION (M.S.)

- 36 credits, 12-courses
- Building Conservation + Preservation Design
- Two Tracks: Preservation Design + Documentation and Research
- Research opportunities with Jefferson Center for the Preservation of Modernism
- Study Abroad / Research at: Bauhaus Dessau, Terragni Archive Como and other places



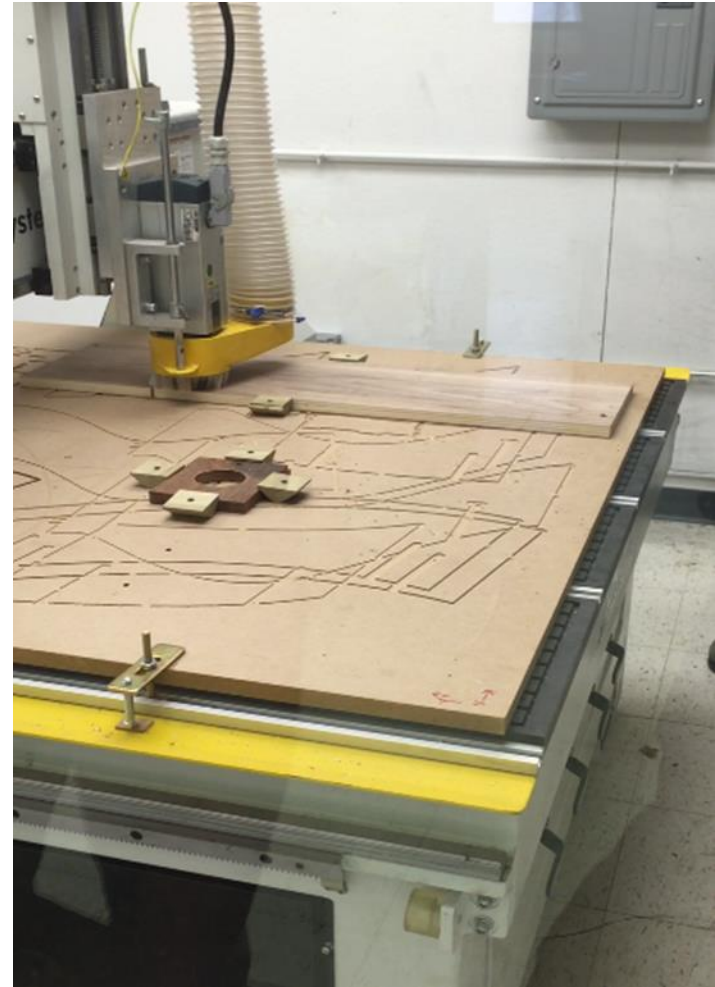
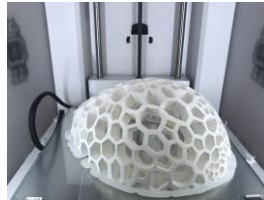
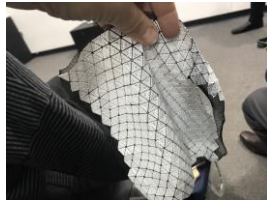
STUDY ABROAD

- Semester-long Programs
 - UARC Rome
 - DIS Copenhagen
 - IE Univ. Segovia
 - Bauhaus Germany
- Faculty-led Short Courses
 - South Africa
 - Czech Republic
 - Cuba
 - Spain



FACILITIES

- FabLabs: Analog and digital fabrication spaces
 - Comprehensive wood-shop
 - Laser cutters
 - CNC Router
 - 3-D printers in every studio space
- SEE Gallery



FACILITIES

- State of the art studio spaces with individual computer screens
- Professional working environments
- Computer Labs
- Active Learning Classrooms



STUDENT ORGANIZATIONS

- American Institute of Architects (AIA)
- Freedom by Design
- American Society of Landscape Architects (ASLA)
- Construction Management Society
- International Interior Design Association (IIDA)
- National Organization of Minority Architecture Students (NOMAS)
- US Green Building Council (USGBC)
- Architecture, Construction and Engineering Mentor Program (ACE)
- Students for Historic Preservation
- Habitat for Humanity



CAREER SERVICES

- Design Expo: Over 100 firms
- Portfolio Preparation and workshops
- *Behance* portfolios
- Interview Days
- Internships
- Handshake: Connecting students with employers

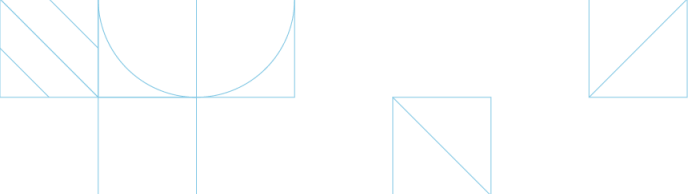
The Marianne Able Career Services Center assists students and alumni in capitalizing on their Jefferson experience, helping them achieve their professional goals.



STUDENT AWARDS

- 1st Prize for Office Building: 2019 DOE Race to Zero Competition
- *Architect Magazine Studio Prize, 2019*
- 1st Prize: 2020, 2018, 2017, 2016, 2014 Stewardson Fellowship Competition (PA)
- Amy Leigh Hufford: 2016 IIDA International Student of the Year
- 1st and 2nd Prize: 2015-2018 IIDA Tri-State Student Design Competition
- 1st Prize: 2014 ACSA International Student Steel Design Competition
- 3rd Prize: Sherwin Williams National Design Challenge





100%

Employment & grad school
success rate for 2019 CABE
UG graduates!



How to Apply?

How to Finance Your Studies?

Graduate Students

- University Graduate Assistantships
- College Teaching & Research Assistantships
- Scholarships:
 - Dean's Scholarships
 - International Institutional Partnership Scholarship

Important for intl. Students:

- STEM /Optional Practice Training (OPT)
- STEM graduate programs: Master of Architecture, Geodesign, Sustainable Design, Construction Management and MS Architecture

Application Requirements

Graduate Students

- **No GRE Required!**
 - Complete graduate application:
 - <http://www.eastfalls.jefferson.edu/graduate/admission.html>
 - Submit official academic transcripts
 - Current Resume
 - 2 letters of recommendation
- Personal essay describing interest in program
 - Submit portfolio for advanced standing or if required
 - Submit proof of English proficiency if required
 - Apply for graduate assistantship (based on exceptional scholastic achievements)

Admission Process

Preferred Deadlines:

- March 1 (Fall admission)
- October 1 (Spring admission)

For more Information:

- www.Jefferson.edu/CABE
- www.Jefferson.edu/admissions

International Students:

- Submit I-20 materials for F-1 Visa
- Confirm acceptance / deposit
- Receive your I-20 for F-1 Visa / Set up your visa appointment



Contact Info

Dean – Barbara Klinkhammer

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Architecture Programs—David Kratzer

David.Kratzer@Jefferson.edu

B.S. Interior Design & M.S. Interior Architecture—Lauren Baumbach

Lauren.Baumbach@Jefferson.edu

Bachelor of Landscape Architecture—Kimberlee Douglas

Kimberlee.Douglas@Jefferson.edu

M.S. Geodesign—Jim Query

James.Query@Jefferson.edu

M.S. Sustainable Design—Rob Fleming

Robert.Fleming@Jefferson.edu

B.S.& M.S. Construction Management—Gulbin Ozcan-Deniz

Gulbin.Deniz@Jefferson.edu

M.S. Real Estate Development—Suzanne Singletary

Suzanne.Singletary@Jefferson.edu

M.S. Historic Preservation – Suzanne Singletary

Suzanne.Singletary@Jefferson.edu





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