

Anthony Mirando, Ph.D., M.S., LEED AP-ND

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PROFESSIONAL PROFILE

Quality-focused and results-oriented professional offering experience in various **leadership** positions; including **higher education**, coordinating, analyzing, and **leading large-scale commercial construction** and **specialized residential projects**. Scope of **excellence** includes:

- Process Improvement
- Research
- Quality Control
- Team Leadership
- Logistics
- Thought Leader
- Problem Resolution
- Sustainability
- Communication
- Curriculum Development
- Schedule Review
- Subcontractor Management

EDUCATION

Doctor of Philosophy-Geography (Ph.D.)

Cognate Discipline: *Construction Management*

Kent State University, Kent, Ohio

Dissertation: "Social Equity Ignored: An Examination of LEED Rental Premiums in the Multi-Family Market"

Degree Conferred: **2021**, Adviser- Dr. David Kaplan (PhD-University of Wisconsin)

Executive Certificate-Management

Concentration: *Advanced Intercultural Management*

University of Notre Dame, South Bend, Indiana

Certificate Conferred: **2015**

Master of Science-Management (M.S.)

Concentration(s): *Strategic Innovation and Change Management*

Colorado State University, GC- Greenwood Village, Colorado

Thesis: "Increasing Retention Rates Among Expatriate Construction Management Employees within the Caribbean Region-Using Human Resource Intervention."

Degree Conferred: **2014**, Adviser- Dr. Brandy Blount (PhD-Walden University)

Bachelor of Science-Technology (B.S.)

Concentration: *Construction Management*

Minor(s): *International Business and Business Management*

Kent State University, Kent, Ohio

Degree Conferred: **2011**, Cum Laude

Student Athlete-Football

WORK EXPERIENCE

Academic Appointments

- 2021-Present Kent State University, **Associate Professor**, NTT, College of Architecture and Environmental Design-Construction Management
- 2016-2021 Kent State University, **Lecturer**, NTT, College of Architecture and Environmental Design-Construction Management
- 2015-2016 Kent State University, **Lecturer**, NTT, College of Applied Engineering-Construction Management
- 2012-2013 Kent State University, **Adjunct Lecturer**, College of Applied Engineering-Construction Management

Administrative Appointments

- 2018-2022 Kent State University, **M.Tech Graduate Program Coordinator**, College of Architecture and Environmental Design-Master of Technology-Construction Management
- 2018-2020 Kent State University, **Interim Program Coordinator**, College of Architecture and Environmental Design-Construction Management

Professional Experience

Total managed work in place: **\$723,260,000**

- 2022-Present Emerald Environmental, **Environmental Inspection Engineer**, Multiple States
Projects(s): Sheetz Convenience Stores-OH, PA, WV
Akron Public Schools, (APS)/Westlake City Schools
- 2016-Present ACM Designs, **Project Manager/Partner**, NE Ohio
Project(s): Brady Lake Schoolhouse Condominium Conversion, Kent, Ohio-**\$535,000**
Savasco Residence, Brunswick, Ohio-**\$55,000**
- 2015-Present CEA, Construction Employers Association, **Instructor**, NE Ohio
Course(s): Project Management + Scheduling
Advanced Estimating + Blueprint Reading
- 2015-Present JCI Contractors, **Project Superintendent/Project Manager** (summer months), NE OH
Project(s): ACM Oxygenation Plant, Ashtabula, Ohio-**\$660,000**
King Luminaire Warehouse Expansion, Jefferson, Ohio-**\$3.2 million**
Hilton Hotel, Madison, Ohio-**\$8.71 million**
- 2013-2015 DCK Worldwide, **Senior Project Engineer/Superintendent**, International and Domestic Locations
Project(s): DeVry University Medical School, St. Maarten- **\$25.3 million**
Molasses Reef Resort, Turks and Caicos-**\$8 million**
The Westin St. John Resort Villas, St. John, USVI-**\$27 million**
Infantry Fighting School-NAVFAC, P-004 and P-0017 Camp LeJeune, North Carolina-**\$21 million**
Hilton Hotel, Cabo San Lucas, Mexico-**\$33.1 million**
- 2009-2013 Turner Construction Company, **Intern, Project Engineer I, Sustainability Manager**, Cleveland, OH
Project(s): Beachwood High School, Beachwood, Ohio-**\$17.7 million**
Cleveland Medical Mart, Cleveland, Ohio-**\$550 million**
Tri-C Westlake Medical School, Westlake, Ohio-**\$28 million**

SCHOLARSHIP

Publications

- **Mirando, A. M.** (2021). *Social Equity Ignored: An Examination of LEED Rental Premiums in the Multi-Family Market* [Doctoral dissertation, Kent State University]. OhioLINK Electronic Theses and Dissertations Center. http://rave.ohiolink.edu/etdc/view?acc_num=kent1627557232122465

Peer Reviewed Conference Papers and Presentations

- **Mirando, A., & Onsarigo, L** (2022) Construction Productivity Comparison Between Cast-in-Place Concrete and Mass-Timber Framing: A Case Study of the Nation's Largest Mass-Timber Building. 58th Annual Associated Schools of Construction (ASC) International Conference. April 20 - 23, 2021, Atlanta, GA. (Accepted for publication).
- Onsarigo, L., & **Mirando, A.** (2021) Construction Productivity on Mass-Timber Framing: A Case Study of the Nation's Largest Mass-Timber Building. Associated Schools of Construction (ASC) Great Lakes Region (Region 3) Conference. October 20 - 23, 2021, Chicago, IL.

Grants

- "Mass Timber Construction for Mid-and High-rise Structures: Lessons from the Nation's Largest Mass Timber Project." October 2020 CAED_KSU (\$5,000.00+) PI: Onsarigo, L. Co-PI: **Mirando, A.**

Conference, Conventions, and Symposia Attendance

- Ohio Board of Building Officials (OBOA)/ Central Ohio Code Officials Association (COCOA) (2022)
- Associated Schools of Construction (ASC) International Conference (2022)
- National Association of Home Builders (NAHB) International Builders Show (IBS) (2017, 2018, 2021, 2022)
- International Mass Timber Conference (2021)
- Associated Schools of Construction (ASC) Great Lakes Region #3 Conference (2016-2018, 2021, 2022)
- Mechanical Contractors Association of America (MCAA) Annual Conference (2020)
- American Council for Construction Education (ACCE) Annual Conference (2016)

Professional Presentations, Invited Lectures, and Research Talks

- **Mirando, A.,** (2022) Diving Into LinkedIn, Professional Networking Using LinkedIn. Spring 2022 CAED, Construction Management Student Organization Event Series. March 23, 2022, College of Architecture and Environmental Design (CAED), Kent State University, Kent, Ohio
- **Mirando A.,** (2021) Invited Speaker. Prof. Suat Gunhan's International Project Management Course. Constructing in the Caribbean: A Risk Perspective. Kent State CAED Room 130. November 3rd, 2021.
- **Mirando, A.,** (2021) Project Scheduling. Fall 2021, Turner School of Construction Workshop Series. October 7, 2021, Student Center Room 316, Kent State University, Kent, Ohio.
- Onsarigo, L., **Mirando, A.,** Litwin, J., Capone, P., & Haldi, E. (2021) Non-Stop to the Top: Design and Construction of America's Largest Mass Timber Building. Fall 2021 CAED, Construction Management Lecture Series. September 24, 2021, College of Architecture and Environmental Design (CAED), Kent State University, Kent, Ohio.
- **Mirando, A.,** (2021) Invited Speaker. Prof. Reid Coffman's Empirical Methods Course. Empirical Research in the Built Environment: From a Practitioner's Perspective. Kent State University, Virtual. September 23rd, 2021
- **Mirando, A.,** (2019) Kent State University/Turner School of Construction Workshop Series. Fall 2019, Turner School of Construction Workshop Series. September 10th, 2019, Heer Hal, Kent State University, Kent, Ohio.
- **Mirando, A.,** (2019) Invited Speaker. Prof. Tina Patel's Interior Design Course. Project Scheduling. Kent State CAED Interior Design Program, Room 124 CAED. November 11th, 2019

- **Mirando, A.**, (2016) Project Scheduling. Fall 2016, Turner School of Construction Workshop Series. September 7, 2013, Heer Hall, Kent State University, Kent, Ohio.
- Onsarigo, L., & **Mirando, A.** (2016) *Whitetopping as a Viable Construction Method in Northeast Ohio: Improving Road Construction and Reducing the Overall Long-Term Road Repair Costs*. Northeast Ohio Concrete. For the love of Concrete. November 15, 2016. RPM Lodge, Medina, Ohio.
- **Mirando, A.** (2020) *CEA-Construction Employers Podcast*, episode #13, *The construction industry & Kent State Construction Management*.
- **Mirando, A.** (2017) *Careers in Construction Workshop for School Guidance Counselors – ABC/WVIZ – Pathways to A Career in Construction*

Student Research

- Committee Member-Shyenne Miller, Senior Honors Thesis-BSCM “*Exploring Green Building Trends in Higher Education Facilities.*” October, 2022.
- Committee Member-Samuel Adu Asare, Master’s Thesis-MSCM “*Remote Construction Inspections.*” TBD

TEACHING

Courses Taught

Graduate:

51041-Advanced Estimating
 52107-Construction Scheduling
 66996-Architectural Individual Investigation
 67296-Individual Investigation in Construction Management
 67320-Applied Sustainability in Construction Management

Undergraduate:

10001-Introduction to Construction Management
 10097-First Year Experience
 25000-Principles of LEED
 27210-Sustainability in the Built Environment
 32001-Proposal Development
 41040-Construction Estimating I
 41041-Construction Estimating II
 42053-Subcontractor Leadership and Practices
 42107-Construction Scheduling
 43096-Independent Investigations
 43099-Construction Capstone

Courses Developed

25000-Principles of LEED
 27210-Sustainability in the built Environment
 31040-Construction Risk Management
 31042-Electrical Systems for Construction Managers
 31044-Advanced Construction Safety and Management
 31046-Introduction to Insurance and Worker’s Compensation
 42030-Building Information Modeling for Construction Managers
 42051-Alternative Energy Systems in Building Design

Student Competitions-Faculty Coach/Advisor

2020-2021 Mechanical Contractors Association of America MCAA-Remote
2017-Present National Association of Home Builders NAHB-Residential Development-Las Vegas, NV & Orlando, FL
2017-Present Associated Schools of Construction ASC Region #3-Commercial Division-Chicago, IL
2015-Present University of Cincinnati New-B, New Builders Competition-Commercial Division- Cincinnati, OH

Self and Co-Guided Student Site Tours

2022-Present Kent State University New Crawford Business Building-Ongoing
2022-Present NDA Requires non-specific name-"A Prominent Project Downtown Cleveland" Student Site Visits-Ongoing
2020-2022 INTRO Cleveland, OH- The Tallest Mass Timber Structure in the Country (at the time)-30+ Guided Site Tours
2016-2019 Brady Lake Schoolhouse Conversion, Kent, Ohio-50+ Guided Student Tours

SERVICE

University

2022-Present Intercollegiate Athletics Committee
2021-2022 CAED Dean's Administrative Review Committee
2019-2022 Faculty Senate Budget Advisory Committee
2018-2020 Non-Tenure Track Provost Advisory Committee

College

2022-Present Architectural Studies Advisory Committee
2021-Present Diversity Equity and Inclusion Committee Member
2019-2019 Non-Tenure Track Search Committee Chair
2019-2019 Construction Management Director Search Committee
2018-2020 College Advisory Council Member
2018-2020 College Executive Committee
2016-2019 College Curriculum Committee
2016-2016 Tenure Track Faculty Search Committee
2015-2016 Student Complaint Committee

Construction Management Program

2022-Present Master of Science in Construction Management (MSCM) Program Committee
2020-Present Industry Advisory Board (IAB) Subcommittee Program Committee
2020-Present Construction Management Executive Speaker Series Program Committee
2019-2020 Master of Science in Construction Management Student Application Review Committee
2018-2018 ACCE Accreditation Committee
2017-2019 Master of Science in Construction Management Program Committee
2016-Present Bachelor of Science in Construction Management Program Committee
2016-2022 Master of Technology-Construction Management Graduate Advisor
2016-Present Bachelor of Science in Construction Management Scholarship Committee

Professional

2017-2019 Architecture Construction and Engineering (ACE) Akron Board Member
2017-2018 Construction Employers Association (CEA) Mentor/Protege
2016-Present Course Advisor State of Ohio Construction Technology
2010-Present United States Green Building Council

Reviewer

- Technical Paper. ASCE-Journal of Performance of Constructed Facilities, “Exploring Architectural Design Factors Affecting Building Maintainability and Strategies to Overcome Current Shortcomings”. May, 2022.
- Vahid Koliyae, MSAED Student, “Changing Roles of Humans in the Human-Robot Collaborative Design and Construction”. Fetterman Seminar Room, CAED, May 12, 2022
- Constructability Review- “High-Fidelity Trauma Room Mockups”. May 10, 2022
- Associated Schools of Construction (ASC) Great Lakes Region (Region 3) Conference at Chicago, IL. October 20 - 23, 2021
- Teaching Review-Prof. Sara Brandner. February 6th, 2020. Construction Estimating I: CRN 11960
- Associated Builders and Contractors (ABC) New Construction Awards Judge, (2015-Present)
- Undergraduate Construction Management Capstone Review Member (2017-2019, 2022)
- Teaching Review-Prof. Joe Karpinski. December 1st, 2016. Construction Estimating I: CRN 11960

Faculty Advisor

2022-Present Kent State Real Estate Club
2017-Present Phi Sigma Kappa Fraternity

Volunteering

2018-Present Kent State Construction Management Student Organization Annual Float Build
2016-Present Turner School of Construction Workshop Series Lecturer
2016-Present STEM University Speaker
2015-Present Habitat for Humanity-Kent State Student Organization
2015-Present Kent State Construction Management Career Fair
2012-2014 Rebuilding Together-Cleveland
2011-2012 Turner Construction Volunteer Project
2010-2010 Cleveland MetroParks Turner Volunteer Project

AWARDS, HONORS, AND ACCOMPLISHMENTS

- 2022-New Builder Competition- University of Cincinnati **2nd Place Finish**-Commercial Division: Faculty Coach
- 2021-MVP Most Valuable Professor, Kent State University Football
- 2020-NAHB Faculty Coach-15th Place Finish
- 2020-New Builder Competition-University of Cincinnati-Commercial Division-**1st Place Finish**
- 2020-MCAA (Mechanical Contractors Association of America) Faculty Coach
- 2019-NAHB Faculty Coach-7th Place Finish
- 2019-New Builder Competition- University of Cincinnati **1st Place Finish**-Commercial Division: Faculty Coach
- 2019-ABC Competition-4th Place Finish: Faculty Coach
- 2018-New Builder Competition University of Cincinnati **1st Place Finish**-Commercial Division: Faculty Coach
- 2018-ASC Region Three Competition **3rd Place Finish**- Project Solutions Division: Faculty Coach
- 2018-Procore Certification

- 2017-College of Applied Engineering, Sustainability, and Technology Young Alumni Award Winner
- 2017-King Luminaire LED Expansion, ABC Excellence Award Winner
- 2016-Associated Builders and Contractors Award of Excellence
- 2015-Associated Builders and Contractors Judges Award of Excellence: 2015, 2017, 2018, 2019, 2022
- 2010-Jack Lambert Excellence Award Winner
- 2010-National Football Foundation and College Hall of Fame Award Winner
- 2009-2010-Academic All-MAC Selection
- 2011-Cum Laude, Kent State University, Kent, Ohio
- 2009-2011-Dean's List, Kent State University, Kent, Ohio
- 2009-OSHA (Occupational Safety & Health Administration) 30: Certification
- 2009-LEED AP-ND-Neighborhood Development: Certification
- 2008-LEED GA-Green Associate: Certification
- 2006-2010-Varsity Football Letter Winner: Kent State University, Kent, Ohio

REFERENCES

- Amanda Colucci, Ph.D.
Assistant Dean-Kent State College of Architecture and Environmental Design (CAED)
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- Lameck Onsarigo, Ph.D.
Associate Professor-Kent State College of Architecture and Environmental Design-Construction Management
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- Sara Bayramzadeh, Ph.D.
Coordinator and Elliot Professor-Healthcare Design-Kent State College of Architecture and Environmental Design
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- Marti Ring
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- Charlie Borsukoff, M.B.A.
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- Rui Liu, Ph.D., P.E.
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- Brian Grimm, J.D.
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- Joe Karpinski, M.Tech
Senior Lecturer and CMGT Program Founder-Kent State College of Architecture and Environmental Design

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Cell: 330.730.9230

- Sara Brandner, M.Tech
Lecturer-Kent State College of Architecture and Environmental Design-Construction Management
sbrandne@kent.edu
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- Jim Andrassy, M.Tech
Head Wrestling Coach and MTech Student (2022)-Kent State University Athletics-Wrestling
jandrass@kent.edu
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- Angie Hull
Senior Associate Athletics Director - Kent State University Athletics Department
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- Additional Available Upon Request