

# Joseph P. Cleary

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## Education:

Doctor of Philosophy, Construction Management, Expected 2023

**Arizona State University**, Tempe, AZ

Master of Science, Technology; Project Management Sequence, December 2010

**Illinois State University**, Normal, IL

Thesis: *Identifying an Effective Metric for Commercial Building Energy Consumption.*

4.0 GPA

Bachelor of Science, Industrial Technology; Construction Sequence, May 1999

**Illinois State University**, Normal, IL

**Illinois Wesleyan University** – (Attended Fall 1994 – Spring 1995) Major: Physics

## Certifications:

Citizen Planner Training, American Planning Association Illinois Chapter, Normal, IL, 2015

Safety Assessment Program Evaluator Certification, California Office of Emergency Services, 2015

Rapid Visual Screening of Buildings for Potential Seismic Hazards, Certification, FEMA, Normal, IL, 2015

Green Builder Certificate of Achievement, U.S. Department of Energy, Challenge Home Program, 2014

Diagnostic Energy Tester (DET) Certification, Build Right Illinois, 2013

Project Management Graduate Certificate, Illinois State University, Normal, IL, August 2010

## Experience:

**California Polytechnic State University**, San Luis Obispo, CA

**Assistant Professor** – Construction Management Department, (Sep 2019 – present)

**Lecturer** – Construction Management Department, (Sep 2018 – Sep 2019)

## Courses Taught:

CM 102 – Introduction to Construction Management

CM 113 – Construction Materials and Assemblies Lecture

CM 114 – Construction Materials and Assemblies Lab

CM 214 – Residential Construction Management

CM 313 – Commercial Construction Management

CM 411 – Specialty Contracting Construction Management

CM 422 – Professional Preparation - Healthy Buildings: Building for Wellness

CM 462 – Construction Management Senior Project – Subject Matter Expert

ARCE 476 – Architectural Engineering Building Systems

## Courses Developed:

CM 250/CM 422 – Healthy Buildings: Human Ecology in Buildings

**Service/Advising/Committees:**

- Cal Poly Academic Senate, College of Architecture and Environmental Design Senator (CAED) (2022 – present)
- Cal Poly ITS Governance Committee, Learning and Research Working Group; CAED Representative (2020- 2022)
- Cal Poly Construction Management Lecturer Search Committee 2022; Chair
- Cal Poly Granite Heavy Civil Construction Minor Director Search Committee 2021; CoChair
- Cal Poly Construction Management Lecturer Search Committee 2021; Employment Equity Facilitator
- Construction Management Department Strategic Planning Committee (2020 – Present); Chair (2021-Present)
- Construction Management Department Technology Committee (2020 – 2021)
- Construction Management Department Facilities Committee (2021 – Present); Chair (2021-Present)
- Construction Management Department Curriculum Committee (2019 – Present); CoChair 2021-Present)
- California Faculty Association, Member (2018 – Present); Department Representative (2021 – 2022)
- California Center for Construction Education (CCCE), Executive Committee (2018 – present)
- Construction Management Advisory Council (CMAC), Managing Director (2020 – present); Development and Facilities Committee (2018 - present); Membership and Growth Committee (2018 - present)
- Construction Management Department Off Campus/International Programs Committee, (2018 – Present)
- Mechanical Contractors Association of America, ASI club faculty advisor (2018 – present)
- Mechanical Contractors Association of America, national problem competition team coach (2018 – present)
- California Plumbing and Mechanical Contractors Association - competition team coach (2021 – present, 1<sup>st</sup> place 2021 & 2022)
- National Electrical Contractors Association, ASI club faculty advisor (2018 – Present, 2019 NECA National Student Chapter of the Year Runner-up)
- National Electrical Contractors Association Electrical Contracting and Innovation Challenge, competition team coach (2021-Present) (formerly Green Energy Challenge, competition coach 2018 – 2020)
- Associated Schools of Construction Regions 6&7 competition team coach and faculty advisor, (2018 – Present) Divisions: Electrical (1<sup>st</sup> place 2020, 1<sup>st</sup> place 2021, DNP 2022), IPD (3<sup>rd</sup> place 2020), Mechanical (2<sup>nd</sup> place 2020, DNP 2021, 1<sup>st</sup> place 2022), and Sustainability (Best Presentation Award 2020, 2<sup>nd</sup> Place 2021, 1<sup>st</sup> place 2022)
- Associated Schools of Construction Region 3 competition team coach and faculty advisor, (2019 – Present) Division: Electrical (2<sup>nd</sup> place 2019, 2<sup>nd</sup> place 2020, 1<sup>st</sup> place 2021, 2<sup>nd</sup> place 2022)
- Emerging Green Professionals, student club faculty advisor (2018 – Present)

**Illinois State University, Normal, IL**

**Professional Practice Coordinator-** Department of Technology, (Jan 2014 – Aug 2018)

**Instructional Assistant Professor-** Department of Technology, Construction Management program (Aug 2012 – Aug 2018)

**Lecturer** - Department of Technology, Construction Management program (Aug 2010 – Aug 2012)

**Graduate Assistant** - Department of Technology (Aug 2009 – Aug 2010)

**Courses Taught:**

TEC 222 – Mechanical and Electrical Systems for Buildings

TEC 223 – Field Engineering (formerly - Construction Surveying and Building Layout)

TEC 224 – Soils and Foundations

TEC 229 – Cost Estimating and Project Planning

TEC 291 – Undergraduate Teaching Experience in Technology

TEC 325 – Computerized Estimating and Scheduling

TEC 327 – Design of Building Structures

TEC 394 – Construction Management and Administration (Capstone)

TEC 398.02 – Professional Practice: Internship in Technology

TEC 398.52 – Professional Practice: Co-op in Technology

### **Courses Developed:**

TEC 324 – Advanced Mechanical and Electrical Systems

### **Service/Advising/Committees:**

- Illinois State University Education Association (2010 – 2018); President (2017 - 2018), Vice President (2015 – 2017), Bargaining Chair, Grievance Chair
- Illinois State University Vice President of Academic Affairs and Provost Search Committee (2017 - 2018)
- Construction Management Program, Annual Industry Partnership Program (2013 – 2018) (Developed and facilitated annual giving program)
- Construction Management Student Association, RSO faculty advisor (umbrella group for all CM professional student chapters) (2012 – 2018)
- Student Sustainability Committee, Illinois State University Student Government Association, faculty advisor (2011 – 2018)
- National Electrical Contractors Association student competition team coach and advisor (2014-2018) Electri International Poster Competition Second Place 2017
- U.S. Department of Energy, Race to Zero (formerly Challenge Home) Student Design Competition, coach and faculty advisor (2013 – 2018) “Best Production Home Integration” Award Winner 2014, “Systems Integration Excellence” Award Winner 2015, Finalist (2014, 2015, 2016, 2017), Submitted (2014, 2015, 2016, 2017, 2018)
- Mechanical Contractors Association of America competition team coach and advisor (2012- 2018) Certificate of Merit (2013, 2018) Chapter of Excellence Grant 2013
- Associated Schools of Construction – Region 3 - Electrical Division competition team coach and advisor (2014-2016)
- Associated Schools of Construction – Region 3 - Design-Build Division competition team coach and advisor (2010 - 2015), Third Place 2013
- Associated Schools of Construction - Region 3- Student Competition Committee (2011-2013)
- Associated Schools of Construction – Region 3 - Commercial Division competition team coach and advisor (2009)
- Department of Family and Consumer Science, Child Care Center Director Search Committee (2014)
- Department of Technology, Chair Search Committee (2013-2014)
- American Lung Association Health House Certification Program Reviewer (2015)

### **Professional Experience:**

**Consultant**, San Luis Obispo, CA (Aug 2018 – Present) Normal, IL (Nov 2008 – Aug 2018)

Development, design, construction, sustainable and zero energy buildings, renewable energy, facility operations and maintenance, infrastructure sustainability and resiliency, project management, labor relations, resources planning, technology, analysis and advising.

**Cleary Farm**, Chenoa, IL Grain and livestock farm.

**The Cleary Group, LLC**, Bloomington, IL – Principal (Feb 2003 – Nov 2008)

Responsible for executive management and operations for the national commercial general contracting, construction management, and design build firm - performing restaurant, retail, commercial office and municipal projects in multiple cities in 9 states.

**Cleary Construction Services, LLC**, Bloomington, IL – Principal (July 2005 – Dec 2007)

Responsible for executive management and operations for the commercial construction company specializing in carpentry and demolition in Central Illinois.

**Holder Construction Company**, Atlanta, GA – Construction Management (Jan 1999 – Feb 2003)

Projects:

- Four Seasons Resort, Peninsula Papagayo, Guanacaste, Costa Rica (Nov 2001 – Feb 2003) Resort, Arnold Palmer golf course, and infrastructure project
- State Farm, Corporate South Addition, Bloomington, IL (Oct 2000 – Nov 2001) \$200mil, 1 million sf corporate office project
- FedEx World Headquarters, Memphis, TN (Jan 1999 – Oct 2000) \$200 mil, 9 building, 1 million sf corporate office complex project
- Contributions to additional projects in TN, GA, and FL.

**Henrichs Building Systems**, Bloomington, IL (Sept 1996 – Dec 1998) - Working Super/PM

**Georgi Professional Exterior Renovations**, Towanda, IL (Mar 1996 – Sept 1996) – Carp. Foreman

**Augspurger Construction**, Chenoa, IL (May 1994 – Dec 1995) – Carpenter/Carp. Foreman

## Grants:

“2020-21 CAED Teacher and Student Scholar Award” Extended Education Campus Partner Fund, Develop online course “Building for Wellness”, 2020, \$10,000.

“2020 Smart Campus” Cal Poly Strategic Research Initiative Grant, Construction Management Principal Investigator, interdisciplinary team of faculty from City and Regional Planning and Electrical Engineering Departments at Cal Poly, 2020, \$50,000

“2017 DOE Student Competition Team Grant – 2 Teams” Illinois State University Student Sustainability Committee Grant, 2017, \$5,000

“2017 Electri International and NECA Talent Initiative Award” Electri International and NECA of Illinois 2017, \$1,000

“2016 DOE Student Competition Team Grant – 3 Teams” Illinois State University Student Sustainability Committee Grant, 2016, \$13,500

“2016 Electri International and NECA Talent Initiative Award” Electri International and NECA of Illinois  
2016, \$1,000

“2015 DOE Student Competition Team Grant – 2 Teams” Illinois State University Student Sustainability  
Committee Grant, 2015, \$8,000

“2015 Electri International and NECA Talent Initiative Award” Electri International and NECA of Illinois  
2015, \$1,000

“Touch Screen Plan Table Grant” Illinois State University Student Sustainability Committee Grant, 2015,  
\$12,000

“2014 Electri International and NECA Talent Initiative Award” Electric International and NECA of Illinois  
2014, \$2,600

“2014 DOE Student Competition Team Grant” Illinois State University Student Sustainability Committee  
Grant, 2014, \$2,800

“Smart Board Grant” Illinois State University Student Sustainability Committee Grant, 2014, \$15,000

“Student Chapter of Excellence Grant” Mechanical Contractors Association of America, MCERF, 2013,  
\$7,500

“Blower Door Testing Equipment” Illinois State University Student Sustainability Committee Grant, 2013,  
\$7,000

## Journal Articles:

**Cleary, J. P., & Lamanna, A. J.** (2022). Correlation of Construction Performance Indicators and Project  
Success in a Portfolio of Building Projects. *Buildings*, 12(7), 957.

## Conference Proceedings Papers and Presentations:

**Cleary, J. P., Kolegraff, S., & Kline, A. R.** (2022) Students’ Perception of Instructional Delivery Methods  
Utilizing Various Teaching Modalities in an Integrated Construction Management Curriculum.  
In *Construction Research Congress 2022* (pp. 172-181).

Kline, A., **Cleary, J.**, & Kelting, S. (2022). The Impact of Virtual Construction Field Trips on Students’  
Perceptions in Commercial Construction. Associated Schools of Construction International Proceedings  
of the 58th Annual Conference. *EPiC Series in Built Environment*, 3, 416-424.

Kline, A., Kolegraff, S., & **Cleary, J.** (2021). Student Perspectives of Hands-on Experiential Learning’s  
Impact on Skill Development using Various Teaching Modalities. In V. Akerson & I. Sahin (Eds.),  
*Proceedings of IConSES 2021-- International Conference on Social and Education Sciences*, Chicago, IL,  
USA. ISTES Organization.

Malekmohammedi, A., Hajrasouliha, A., **Cleary, J.**, & Woo, J. (2021) The implementation of university campus Digital Twin. American Society for Engineering Education (ASEE) Annual Conference & Exposition

Kolegraff, S., **Cleary, J.**, & Kline, A., (2021). Student Perceptions of Instructional Delivery Methods Utilizing Various Teaching Modalities in an Integrated Lab Curriculum. Associated Schools of Construction International Proceedings of the 57th Annual Conference.

**Cleary, J.** and Starzyk, G. (2020). Case Study: Constructivist Learning Following an Interdisciplinary Studio for an NGO. Associated Schools of Construction International Proceedings of the 56<sup>th</sup> Annual Conference.

**Cleary, J.** and Boser, R. (2016). Fostering Student Engagement in Sustainable Design Through Competition. Illinois State University, 2016 International Studies Global Engagement Seminar Series, Presentation January 16, 2016.

Boser, R. and **Cleary, J.** (2015). Race to Zero: Exciting Students about Energy Efficiency and Net-Zero Homes. The Association of Technology, Management, and Applied Engineering (ATMAE) Conference. Pittsburg, PA, Presentation, November 12, 2015.

**Cleary, J.** and Boser, R. (2010). At What Threshold are Buildings Considered Energy Efficient? The Association of Technology, Management, and Applied Engineering (ATMAE) Conference. Panama City Beach, Florida. Presentation Abstract 45, Paper 37-42.

### **Invited Presentations:**

Lamanna, A., and **Cleary, J.** (2021) Moneyball for Construction, American Concrete Institute Fall Convention

Shawki, N., Nergard, M., Jo, J., **Cleary, J.**, and Kopsell, D., (2015). Fostering Civic Engagement through a Focus on Sustainability. Illinois State University, 2015 University-Wide Teaching & Learning Symposium, Next Steps in Student Engagement, Normal, Illinois, Panel Presentation, January 7, 2015.

### **Awards:**

“2020 Region 7 Outstanding Educator Award” Associated Schools of Construction, April 2020

“Environmental Stewardship Award” Illinois State University, February 18, 2016

“Service Award” Department of Technology, Illinois State University, 2014 – 2015

“Rodney L. Custer Outstanding Graduate Student Research Award” Department of Technology, Illinois State University, December 9, 2011

## **Board Positions**

- Illinois State University Sustainability Advisory Board (2019- present)

## **Affiliations:**

Associated Schools of Construction Associated General Contractors  
Mechanical Contractors Association of America  
National Electrical Contractors Association  
Association of Professional Energy Consultants  
Illinois Proactive Officials Conference  
U.S. Green Building Council  
Habitat for Humanity  
McLean County Chamber of Commerce  
McLean County Farm Bureau  
Illinois State University Education Association/Illinois Education Association/National Education Association  
California Faculty Association  
United Brotherhood of Carpenters and Jointers of America  
American Lung Association Health House

## **Publicly Elected:**

- Board of Education, Unit 5 School District of McLean and Woodford Counties, Illinois (April 2016 – July 2018)
- Secretary of the Board (April 2017 – April 2018)
  - Committees: Finance, Facilities, Curriculum, Community Engagement,
  - Appointed Rep: McLean County Regional Planning Commission (May 2016 – July 2018)

## **Community:**

San Luis Obispo FNL, Assistant Flag Football Coach (2022 – present)  
San Luis Obispo YMCA, Assistant Youth Hockey Coach (2018- 2021), Youth Basketball Coach (2020 - Present)  
Unit 5 Citizens Advisory Council (CAC), Parkside Elementary PTO Representative (2014-2016)

- Smart Classrooms report group 2014-2015 academic year
- CAC Vice President 2015-2016 academic year
- CAC President 2016 – Stepped down to accept BOE appointment

Parkside Elementary PTO (2012-2018)  
Town of Normal Comprehensive Plan (2017)  
Town of Normal 2040 Visioning Committee (2016 – 2017)  
Town of Normal Planning Commission (2015 – 2016)  
Bring it on Bloomington Comprehensive Plan, Utilities, Energy, and Water working group member (2014-2015)  
Leadership McLean County, McLean County Chamber of Commerce, Education Day Chair (2017 - 2018)  
Leadership McLean County, McLean County Chamber of Commerce – Class of 2015,

- Class Representative Graduation Speaker
- YWCA Leaders on Loan Project Group

Prairie City Soccer League (AYSO) youth soccer coach (2013-2017)  
Olympia High School assistant football coach (2006-2008)

Peoria Rugby Football Club

Twin Cities Rugby Football Club

Bloomington Holy Trinity Jr High Track Coach (1997)