

STACY KOLEGRAFF

CURRICULUM VITAE

BACKGROUND

ADDRESS

Home:

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Office:

1 Grand Avenue, Bldg. 186, Rm. A209, Cal Poly State University, San Luis Obispo, CA 93407 | P: 805.756.5612

EDUCATION

Doctor of Philosophy in Technology Management

2018 – Present

Specialization: Construction Management

Indiana State University, Terre Haute, Indiana

Master of Arts in Management

May 2008

School of Business

University of Redlands, Redlands, California

Bachelor of Science in Construction Management

June 2002

College of Architecture and Environmental Design

Cal Poly State University, San Luis Obispo, California

ACADEMIC EXPERIENCE

Assistant Professor

Sept. 2018 – Present

Cal Poly State University, San Luis Obispo, California

College of Architecture and Environmental Design

Department of Construction Management

Full-Time Lecturer

Sept. 2015 – Jun. 2018

Cal Poly State University, San Luis Obispo, California

College of Architecture and Environmental Design

Department of Construction Management

Part-Time Lecturer

Apr. 2015 – Jun. 2015

Cal Poly State University, San Luis Obispo, California

College of Architecture and Environmental Design

Department of Construction Management

Part-Time Lecturer

Sept. 2009 – June 2010

Cal Poly State University, San Luis Obispo, California

College of Architecture and Environmental Design

Department of Construction Management

PROFESSIONAL EXPERIENCE**Senior Planner/Estimator/Scheduler****Feb. 2012 – Jan. 2017**

University Housing, Cal Poly State University, San Luis Obispo, California

University Housing is responsible for serving the on-campus housing program for over 7,200 residents in residence halls and apartments; 45 students in Agriculture Housing units; and a summer conference program, housing approximately 16,000 guests annually. Responsibilities included managing day-to-day operations and repairs, long-term renovation and upgrade project planning and schedules, development and execution of a \$2.5M annual project budget, and coordination of facility use with summer conferences around projects.

Administrative Assistant**Aug. 2010 – Feb. 2012**

Human Resources, Cal Poly State University, San Luis Obispo, California

Human Resources provides innovative leadership to the campus community in attracting, developing, motivating and retaining a highly skilled, productive and diverse workforce. Responsibilities included the development of tracking worksheets for worker's compensation and leave programs and providing support for the department and campus community.

Administrative Assistant**Aug. 2009 – Aug. 2010**

Earth Systems Pacific, San Luis Obispo, California

A geotechnical engineering firm, Earth Systems Pacific provides expert geoprofessional services, such as geologic project, environmental assessments, construction materials testing, laboratory testing, construction observation, special inspection, and materials testing. Responsibilities included creating and distributing materials and special inspection testing reports, editing soils engineering reports, and assembling responses to requests for proposals.

Associate Project Manager**Nov. 2005 – Nov. 2008**

Standard Pacific Homes, Corona, California

Standard Pacific Homes was a national homebuilder serving various markets throughout the United States. Responsibilities included working with various jurisdictional agencies and consultants for the successful planning and approval of various communities throughout southwest Riverside county, managing project start dates and progress, and administering project cash flows and budgets.

Project Superintendent**June 2002 – Apr. 2005**

Pulte Homes, Orange County, California

Pulte Homes, now PulteGroup, is one of the largest and most successfully homebuilding companies by delivering an outstanding home and buying experience. They operate across 50 markets serving all major buyer groups: first time, first and second move up and active adult. As an on-site superintendent, I was responsible for the overall supervision, scheduling, and quality control of each home within various housing tract communities, including inspections, coordination of trade partners, and the management of site logistics and operations.

PROFESSIONAL CONSULTING**Procore Technologies, Inc.****May 2017 – June 2020**

Cloud Based Construction Project Management Software

Consultation services in the area of construction budgets and financials, including the development of a budget learning module for use in college and university curriculums.

TEACHING RELATED ACTIVITIES**COURSE DEVELOPMENT****CM 214 – Residential Construction (5 units)****Sept. 2015 - Present**

In conjunction with the department's course champion, developed a more robust online learning platform and collaborative and interactive in-class exercises.

CM 335 – Construction Accounting (2 units)**Sept. 2015 - Present**

Enhanced the course to transition to a fully online, asynchronous course, developed content to increase student engagement and interaction in the online space, and incorporated software (Procore and Excel) to further explain class concepts.

CM/CE 371 – Construction Management and Project Planning (4 units)**Sept. 2015 - Present**

Improved the course to include analyzation of project documents and delivery methods, incorporated plan reading exercises for quantity take-off in conjunction with provided course exercises.

CM 424 – Technology, Society and the Built Environment (2 units)**June 2019 - Present**

Created the fully online asynchronous course which analyzes the interaction and evolution of technology and the built environment from a societal, economic, historical, and political perspective. Developed reading, activities, discussions, essays, and reviews. Topics include sustainability, prefabrication, lean construction and emerging technologies

ADDITIONAL COURSES TAUGHT**CM 413 – Construction Jobsite Management (5 units)****Sept. 2021 – March 2022**

Enhanced course content in the learning management system for online accessibility, incorporated field trips and guest lectures to further explain class concepts in additional construction sectors beyond commercial construction.

Spring 2018**STUDENT RESEARCH AND SUPERVISION****Senior Project – Faculty Advisor****Sept. 2015 – Present**

Advised 77 Construction Management senior projects as a subject matter expert supervising student led work such as ways to increase diversity in the construction industry, including outreach, mentorship, and club involvement; community service projects locally and abroad; and technology integration in construction education and the construction industry. Methods employed in research include qualitative analysis using textual analysis and coding of interviews, quantitative analysis using anonymous online surveys, and mixed methods approaches integrating survey responses and interviews.

GRANTS, HONORS AND AWARDS

EXTERNAL GRANTS

Associated Schools of Construction – Regions 6 & 7 Grant - \$3,000 Award **April 2022**

Co-PI with Dr. Scott Kelting and Andrew Kline, Construction Management Department, Cal Poly

The grant proposal requested funding to provide materials and equipment for a one-week construction boot camp for high school-aged girls at Cal Poly's campus in Summer 2022.

Homebuilding Education Leadership Program (HELP) Grant, National Housing Endowment - \$100,000 Award **Dec. 2018**

Co-PI with Dr. Scott Kelting, Cal Poly

Cal Poly's HELP Grant initiatives include: supporting the hiring of new faculty, developing an internship program for faculty to maintain currency in the profession, advancing women in this industry, visiting and partnering with high schools, homebuilders and skilled trades to promote career opportunities in residential construction as a skilled craftsman, and creating a university course highlighting housing and communities.

INTERNAL GRANTS

Research, Scholarly, and Creative Activities Grant - \$18,000 Award **June 2022**

Co-PI with Dr. Kylie Parrotta, Assistant Professor of Sociology & Criminology, Department of Social Sciences

The overarching goal for this project is to create an event where a common object used in construction is reimagined and designed for a diverse demographic in April 2023. The event and related projects have five primary objectives: Identify an artifact to be analyzed; Understand the experiences of women when interacting with that artifact; Recognize the impact a collaborative event to create a more inclusive object has on participants; Gather, document, and analyze artifacts created from and surrounding the event for visualization of the days' progression, recording of ideas, sentiment, and outcomes; and Conceive a new design or designs that better adapt to a changing industry demographic/

Office of University Diversity and Inclusion (OUDI) Innovation and Creative Initiatives Grant **July 2020**

Built Environment Podcast - \$1,000 Award (College match: \$1,000)

AWARDS

Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Best Poster Presentation **Nov. 2019**

Universal Design for Learning Online: Multiple Opportunities to Demonstrate Mastery

PROFESSIONAL GROWTH AND DEVELOPMENT

PAPERS

- Kolegraff, S.,** Eversole, B., & Crowder, C. (2023). Women's Careers in Construction: A Review of the Literature. *AHRD 2023 Conference Proceedings*. Minneapolis, MN: Academy of Human Resource Development. (Full Manuscript Accepted with Revisions)
- Kolegraff, S.,** & Parrotta, K. (2023). Safety First Means Safety Fits: A Mixed Methods Analysis of Gender and Personal Protective Equipment Hackathon. *7th World Conference on Qualitative Research*. Algarve, Portugal. (Abstract Accepted)
- Morse, K.*, **Kolegraff, S.,** & Kline, A. (2022). [Initial Perceptions of Remote Virtual Inspections in the Residential Construction Industry Sector](#). Associated Schools of Construction International Proceedings of the 58th Annual Conference.
- Cleary, J., **Kolegraff, S.,** & Kline, A. (2022). [Students' Perception of Instructional Delivery Methods Utilizing Various Teaching Modalities in an Integrated Construction Management Curriculum](#). ASCE's Construction Institute and Construction Research Council Joint Conference.
- Kolegraff, S.,** Cleary, J. & Kline, A. (2021). [Students' Perception of Instructional Delivery Methods Utilizing Various Teaching Modalities in an Integrated Construction Management Curriculum](#). Associated Schools of Construction International Proceedings of the 57th Annual Conference.
- Kline, A., **Kolegraff, S.,** & Cleary, J. (2021). [Student Perspectives of Hands-On Experiential Learning's Impact on Skill Development using Various Teaching Modalities](#). International Conference on Social and Educational Sciences 2021 Conference Proceedings.
- Kolegraff, S. (2021). [Building Kits: Adapted Hands-on Building Activities for the Virtual Environment](#). Associated Schools of Construction International Proceedings of the 57th Annual Conference.
- Kline, A., **Kolegraff, S.,** & Kelting, S. (2020). [Students Perspectives of Experiential Learning in a Technical Education Program](#). IAFOR (International Academic Forum) International Conference on Education (IICE) Hawaii 2020 Conference Proceedings.
- Kolegraff, S.** Horta, C. (2019). [Wearable Technology, Employee Rights, and Data Tracking in the Construction Industry](#). ATMAE 2019 Conference Proceedings.
- Kolegraff, S.,** Kline, A., & Kelting, S. (2019) [Hands-on Building as an Instructional Delivery Method in an Integrated Lab Curriculum](#). Associated Schools of Construction International Proceedings of the 55th Annual Conference.

PRESENTATIONS

- Kolegraff, S.** & Horta, C. [An Evaluation of Social Media's Potential to Demonstrate Knowledge Transfer in Construction Management Online Course](#), Nov. 2019 ATMAE Conference.
- Kolegraff, S.** [Universal Design for Learning Online: Multiple Opportunities to Demonstrate Mastery](#), Stacy Kolegraff, Nov. 2019 ATMAE Conference, Poster Presentation.
- Kelting, S. & **Kolegraff, S.** (2018). Enhancing Construction Management Courses through Experiential Learning. NAHB Student Chapters Advisory Board Meeting.

SCHOLARLY ACTIVITIES**Center for Teaching, Learning, and Technology****Sept. 2016 – Present**

Cal Poly State University, San Luis Obispo, California

Attended multiple workshops on various topics to enhance course content, design, and delivery.

FELLOWSHIPS**New Story Research Fellowship****Aug. 2020 – March 2021**

Affordable Housing Research and Development, Cohorts 3 & 4, Data Team

Using community and country data, identified ways land ownership, housing, and housing tenure impacted women's educational attainment, earnings, and economic independence and success.

Indiana State University PhD in Technology Management Fellowship**Jan. 2019 – May 2019**

Development and instruction for asynchronous online course on safety, finance, and construction accounting.

LECTURES AND SPEAKING ENGAGEMENTS**VDC Faculty Boot Camp****August 2021**

Procore Lead

June 2019

Led Procore module training day for faculty members at 3-day boot camp; developed modules for design coordination, bid management, subcontractor management, and quality assurance and quality control.

Teach-In, Cal Poly College of Liberal Arts**Feb. 2021**

Easy to Exclude: The Safety Vest and Construction Industry Norms

AGC California, 2018 Annual Conference**Oct. 2018**

Lake Tahoe, California

Panel Speaker, Be Proactive with your Career: How to Start a Women in Construction Club and More

4th Annual Women in Construction Conference**Oct. 2017**

San Francisco, California

Panel Speaker, Discovering Construction Management Opportunities

Procore Technologies, Inc.**June 2017**

Speaker, Construction Budgeting and Cost Management

REVIEWER FOR CONFERENCES, BOOKS AND JOURNALS

Manuscript Review, Associated Schools of Construction Conference	2021 – 2022
Manuscript Review, ASCE's Construction Institute and Construction Research Council Joint Conference	2021
Book Review, Cengage, Construction Jobsite Management, 4 th Edition	2019
Book Review, Pearson, Construction Accounting and Financial Management	2018

PARTICIPATION IN PROFESSIONAL ASSOCIATIONS AND ORGANIZATIONS

International Conference of the Associated Schools of Construction
 International Builder's Show
 Groundbreaking Women in Construction Conference
 Greenbuild International Conference and Expo

UNIVERSITY, COLLEGE, DEPARTMENT AND COMMUNITY SERVICE**INDUSTRY INVOLVEMENT**

Student Chapters Advisory Board, National Association of Home Builders (NAHB)	Feb. 2019 – Present
Professional Women in Building, HBACC Chapter, Treasurer	June 2022 – Present

UNIVERSITY SERVICE

Distinguished Scholarship Award Committee	Sept. 2019 – Present
Status of Women Committee	Oct. 2021 – Present
Book Shed, ASI Children's Center	Apr. 2016 – June 2016
Navigating Politics Panelist	Feb. 2016
Member Search Committee for Manager of Architectural Trades	May 2014

COLLEGE SERVICE

CAED Faculty and Staff Diversity, Equity and Inclusion Committee Chair, Sept. 2019 – Sept. 2021	Sept. 2018 – Present
Alumni Weekend	June 2017

DEPARTMENT SERVICE**Student Advising**

Academic Year Advising	Sept. 2016 – Present
Women in Construction Club, Faculty Advisor	Feb. 2017 – Present
National Association of Home Builders Student Club, Co-Faculty Advisor	Sept. 2020 – Present
CM CASA (Community and Student Achievement) Club, Co-Faculty Advisor	Sept. 2021 – Present

Competition Coaching

NAHB Residential Construction Management Competition Team, Co-Coach	Sept. 2016 – Present
Mixed Use Team, ASC Regions 6 & 7 Student Competition, Co-Coach	Sept. 2017 – June 2019
Sustainability Team, ASC Regions 6 & 7 Student Competition, Co-Coach	Sept. 2017 – June 2018

Department Committees

Outcomes Assessment Committee, Co-Chair	Sept. 2016 – Present
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CCCE Executive Committee	Sept. 2017 - Present
Strategic Planning Committee	Sept. 2017 – Present
Tenure Track Search Committee	Sept. 2021 – Present
Diversity, Equity and Inclusion Committee, Current Chair	Sept. 2021 – Present
Technology Committee, Co-Chair	Sept. 2021 – Present
Technology and Facilities Committee, Co-Chair	Sept. 2016 – June 2021
Sabbatical and Difference in Pay	Sept. 2018 – June 2019
Tenure Track and Full-Time Lecturer Search Committee	Sept. 2018 – June 2019

COMMUNITY SERVICE

SESLOC Supervisory Board Member	August 2019 – August 2022
Hope's Village Homeless Tiny House Construction	May 2017 – June 2018
Great Northern Services Weed Project	May 2017 – June 2018