

**QINGXU “BILL” JIN**  
**Ph.D., P.E., LEED GA**

*Curriculum Vitae*

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Assistant Professor

Department of Civil and Environmental Engineering

Michigan State University

East Lansing, MI 48824

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**EDUCATION:**

Ph.D.	Civil and Environmental Engineering, Georgia Institute of Technology	2019
M.Sc.	Civil and Environmental Engineering, University of Michigan, Ann Arbor	2016
M.Sc.	Natural Resources and Environment, University of Michigan, Ann Arbor	2016
B.Eng	Civil and Structural Engineering, Hong Kong University of Science and Technology	2009
	- Academic Exchange at Technical University of Denmark	2007-2008

**EMPLOYMENT:**

- Michigan State University (MSU), East Lansing
  - *Assistant Professor*, Dept. of Civil and Environmental Engineering 2021-Present
- Georgia Institute of Technology (GT), Atlanta
  - *Postdoctoral Fellow*, Dept. of Civil and Environmental Engineering 2020-2021
  - *Graduate Research Assistant*, Dept. of Civil and Environmental Engineering 2016-2019
- National Institute of Standards and Technology (NIST), Maryland
  - *Guest Researcher*, Materials and Structural Systems Division Jan.- Aug. 2019
- University of Michigan (UM), Ann Arbor
  - *Graduate Research Assistant*, Dept. of Civil and Environmental Engineering 2013-2016
- Siuyinwai & Associates Ltd. (SYW), Hong Kong
  - *Project Engineer* for Casino and hotel resort development in Macau: MGM Cotai (gross floor area >4 million ft<sup>2</sup> and total cost >US\$ 3.4 billion) 2012-2013
- Wong Pak Lam & Associates Consulting Engineers (WPL), Hong Kong
  - *Assistant Engineer* for high-rise residential development in Hong Kong: 10-22 Fuk Chai Street (47-story) and 18 Chi Kung Street (32-story) 2011-2012
- Meinhardt C&S Ltd, Hong Kong
  - *Graduate Engineer* for steel design: the University Station entrance in Hong Kong and the glass box and skylight of Nanjing Business Center in mainland China 2011
- Hong Kong University of Science and Technology (HKUST), Hong Kong
  - *Research Assistant*, Dept. of Civil and Environmental Engineering 2009-2010

## HONORS AND AWARDS:

- STEM Ambassador, STEM Ambassador Program (STEMAP), MSU
    - *This program, funded by the National Science Foundation (Award #1514494 & 1906408) is to train faculty members, post-docs, and graduate students in STEM departments at colleges and universities (referred to as “STEM Ambassadors) to engage members of the public in innovative ways outside traditional venues by linking their research, personal interests, experiences, and desired social impacts to a particular “focal group,” or a group gathered around shared interests, hobbies, circumstances, or experience that resonate with the ambassador.*

2021
  
- Tech to Teaching Certificate, Center for Teaching and Learning, GT
    - *This certificate recognizes graduate students and postdocs who have developed a thorough understanding of the scholarship of teaching and learning and will demonstrate their ability to apply these skills in the classroom.*

2020
  
- Science ATL Communication Fellowship, Engineers of Atlanta Science Festival
    - *This fellowship is awarded to Atlanta-area graduate students and post-docs to gain professional development experience and help close the communication gap between scientists and the public.*

2019
  
- Future Faculty Fellow, School of Civil and Environmental Engineering, GT
    - *This fellowship is awarded to outstanding PhD students and post-docs to develop teaching skills and academic career opportunities.*

2019
  
- Robert H. Kulman Student Scholarship, American Concrete Institute (ACI) Georgia Chapter
    - *This scholarship is awarded to a local graduate student who contributes to the areas of concrete technology, materials, design, construction, or any combination of these areas, with \$5,000*

2018
  
- Provost’s Fund for Excellence in Graduate Studies Fellowship, School of Civil and Environmental Engineering, GT
    - *This fellowship is awarded to outstanding CEE incoming graduate students with \$3,500*

2016
  
- Young Engineers Arthur & Louise May Memorial Scholarship, The Hong Kong Institution of Engineers (HKIE),
    - *This scholarship is awarded to outstanding young engineers to further their education abroad for the benefit of the engineering profession and the local community at large*
    - *Two-time recipient with total of HK\$ 320,000 (equivalent to \$41,000)*

2013 and 2014
  
- HKIE President’s Protégé, HKIE
    - *Each year, the HKIE president selected 10 outstanding young members who contribute to special projects involving senior figures of the profession and events that chaired by the president, including Council/ Board meetings, briefing meetings, visits, meeting with influencers, award ceremonies, and conferences.*

2012
  
- First runner-up of APEC-IDEERS (Introducing and Demonstrating Earthquake Engineering Research in Schools)
    - *National Center for Research on Earthquake Engineering, Taiwan (among 20 international teams)*

2009
  
- Sigma Xi – The Scientific Research Honor Society

Inducted 2019
  
- Chi Epsilon – The Civil Engineering Honor Society

Inducted 2014

## FUNDED GRANTS AND CONTRACTS:

### Federal Agencies

- NASA Michigan Space Grant Consortium (MSGC), Research Seed Award:
  - *Development of Ultra-resilient and -durable Cementitious Composites for Future 3D Printing Construction (3DPC) on the Moon and Mars*
  - PI: Qingxu Jin
  - May 2022 – April 2023
  - \$10,000 (shared cost of \$5,000)
- American Association of State Highway and Transportation Officials, Transportation System Preservation Technical Services Program (AASHTO TSP-2):
  - *Current Practices for Penetrating Type Sealers and Crack Sealers for Concrete Bridge Decks*
  - PI: Qingxu Jin
  - May 2022 – December 2022
  - \$20,000
- NSF 17-091 DCL: Non-Academic Research Internships for Graduate Students (INTERN) Supplemental Funding,
  - *Carbon Sequestration in Concrete: Fundamentals of Cement Carbonation examined by Nanoresolved Digital Holographic Microscopy (DHM)*
  - Proposal preparation
  - \$47,755
- NSF 12-602: Innovation Corps Teams Program (I-Corps Teams):
  - *Sustainable Infrastructure Rehabilitation*
  - Proposal preparation
  - \$50,000

### Michigan State University

- Engineering Summer Undergraduate Research Experience (EnSURE) program:
  - *Developing sustainable and resilient concrete using recycled waste and natural materials*
  - PI: Qingxu Jin
  - Summer 2022
  - \$6,000 (shared cost of \$2,500)

## PUBLICATIONS\*:

### Book Chapters

1. **Jin, Q.** and Ma, H., “Nano TiO<sub>2</sub>-engineered cementitious materials with self-cleaning properties”, *in press*

### Peer-Reviewed Journal Articles

1. **Jin, Q.**, Lucas, S. N., Tang, Y., and Kurtis, K. E. (2022), “NO<sub>x</sub> uptake capacities and sequestration pathways in pure cementitious phases”, *Cement and Concrete Research*, 159, 106882
2. Li, J., **Jin, Q.**, Zhang, W., Li, C., and Monteiro, P. J. M. (2022), “Microstructure and durability performance of sustainable cementitious composites containing high-volume regenerative biosilica”, *Resources, Conservation & Recycling*, 178, 106038
3. **Jin, Q.**, Hordern, S. L., Tang, Y., and Kurtis, K. E. (2021), “NO<sub>x</sub> sequestration by calcium aluminate cementitious materials”, *Cement and Concrete Research*, 142, 106381
4. Bullard, J. W., **Jin, Q.**, and Snyder, K. A. (2020), “How do specific surface area and particle size distribution change when granular media dissolve?”, *Chemical Engineering Journal*, 406, 127098
5. **Jin, Q.**, Perry, L. N., and Bullard, J. W. (2020). “Temperature dependence of gypsum dissolution rates”, *Cement and Concrete Research*, 129, 105969
6. **Jin, Q.**, Faraldos, M., Bahamonde, A., Zaribaf, B. H., and Kurtis, K. E. (2019). “Titania and Silica Nanoparticle-Modified Coatings for Cementitious Materials”, *ACI SP: Nanotechnology for Improved Concrete Performance*, 335, 97-111
7. **Jin, Q.** and Li, V. C. (2019). “Structural and durability assessment of ECC/Concrete dual-layer system for tall wind turbine towers”, *J. of Engineering Structures*, 196, 109338
8. **Jin, Q.**, Saad, E. M., Zhang, W., Tang, Y., and Kurtis, K. E. (2019). “Quantification of NO<sub>x</sub> uptake in plain and TiO<sub>2</sub>-doped cementitious materials”, *Cement and Concrete Research*, 122, 251-256
9. **Jin, Q.** and Li, V. C. (2019). “Development of lightweight engineered cementitious composite for durability enhancement of tall concrete wind towers”, *Cement and Concrete Composites*, 96, 87-94
10. **Jin, Q.**, Leung, C. K. Y., and Yu, C. (2013). “Effect joining method for pseudo-ductile permanent formwork”, *Materials and Structures*, 46 (3), 345-360.
11. **Jin, Q.** and Leung, C. K. Y. (2011). “Fiber reinforced cementitious composite (FRCC) plate for anchoring of FRP sheet on concrete member”, *J. Composites for Construction*, 15 (5), 790-798

### Manuscripts Under Review or In Preparation (Available on Request)

1. Islam, M., Zhang, Q., and **Jin, Q.** “A Review of Existing Codes and Standards on Design Factors for UHPC Placement and Fiber Orientation”, under review
2. Melo, P., Echagüe M., Guerra, C., **Jin, Q.**, Sancy, M., and Paul, A. “On the effect of simulated contamination of chlorides and sulfates on steel rebar corrosion: electrochemical behavior and surface analysis”, under review
3. **Jin, Q.** and Ma, H. “Estimating reactions of low-grade fly ash for potential use in cement-based materials”, *Journal of Cleaner Production*, in decision
4. **Jin, Q.** “Effect of TiO<sub>2</sub> particles on hydration and microstructural development of cementitious material”, in preparation

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\* Note: underlined names denote student supervised

5. **Jin, Q.** “Stochastic mathematic model for optimizing inspection and repair scheduling for concrete infrastructure”, in preparation
6. Xu, K., **Jin, Q.**, Li, J., Kurtis, K. E., and Monteiro, P. J. M. “Machine learning derived in-situ Microtomography Segmentation Analysis for Fiber-reinforced Cementitious Composites”, in preparation

### Technical Reports

1. **Jin, Q.** and Li, V. C. (2016). “Program on Technology Innovation: Application of Advanced Concrete Technology in Tall Wind Towers”, *Electric Power Research Institute Technical Report 3002007871*, Palo Alto, CA, USA

### Conference Proceedings

1. **Jin, Q.**, VanderZwaag, M. B., Hordern, S. L., Tang, Y., and Kurtis, K. E. (2018). “Understanding of the Photocatalytic Products of NO<sub>x</sub> Degradation in TiO<sub>2</sub>-based Cementitious Materials”, *Proceedings of the 6<sup>th</sup> International Symposium on Nanotechnology in Construction (NICOM6)*, Hong Kong
2. Faraldos, M., Luna-Sanguino, G., Tolosana-Moranchel, A. **Jin, Q.**, Kurtis, K. E., and Bahamonde, A. (2018). “NO<sub>x</sub> Photocatalytic Degradation and Self-cleaning of TiO<sub>2</sub>-GO Coated Cementitious Materials”, *Proceedings of 26<sup>th</sup> Catalysis Congres (CICat)*, Coimbra, Portugal
3. **Jin, Q.** (2017). “Mathematical Modeling based on the Evolution of Concrete Deterioration for Optimizing Concrete Service Life and Repair Schedules”, *Proceedings of the 3<sup>rd</sup> Corvallis Workshops on Service-life Prediction of Concrete*, Corvallis, OR, USA
4. **Jin, Q.** and Leung, C. K. Y. (2012). “The Use of FRCC and FRP for the Joining Method of Permanent Formwork”, *Proceedings of the 3<sup>rd</sup> IIFC Asia-Pacific regional conference on the research and application of fiber reinforced polymers (FRP) in civil and architectural engineering structures*, Hokkaido, Japan
5. **Jin, Q.**, Leung, C. K.Y., and Chung, W. (2011). “The Joining Method for Permanent Formwork”, *Proceedings of International RILEM Conference on Advances in Construction Material through Science and Engineering*, Hong Kong
6. **Jin, Q.** and Leung, C. K.Y. (2010). “Fiber reinforced cementitious composite (FRCC) plate for the anchoring of fiber reinforced polymer (FRP) sheet on concrete member”, *Proceedings of the 5<sup>th</sup> International Conference on FRP Composites in Civil Engineering*, Beijing, China

### Other Publications

1. **Jin, Q.**, Spevacek, C., El-Dehaibi, N., and Johnson, W. (2016), “Uber and the Sharing Economy: Global Market Expansion and Reception.” *WDI Publishing, University of Michigan, Ann Arbor, MI*

## PRESENTATIONS AND TALKS †:

### Oral Presentations

1. **Jin, Q.** (2021). “Evolution of Concrete Deterioration: A Stochastic Modeling for Optimizing Inspection/Repair Scheduling”, *Engineering Mechanics Institute Conference/Probabilistic Mechanics and Reliability Conference 2021 (EMI 2021/PMC 2021)*, New York City, NY, USA
2. **Jin, Q.**, Perry, L., Bullard, J. W., and Kurtis, K. E. (2019). “Dissolution Kinetics of Calcium Salts under Different Environmental Conditions”, *10<sup>th</sup> Advances in Cement-Based Materials*, Urbana, IL, USA
3. **Jin, Q.**, VanderZwaag, M. B., Hordern, S. L., Tang, Y., and Kurtis, K. E. (2018). “Understanding of the Photocatalytic Products of NO<sub>x</sub> Degradation in TiO<sub>2</sub>-based Cementitious Materials”, *6<sup>th</sup> International Symposium on Nanotechnology in Construction (NICOM6)*, Hong Kong
4. **Jin, Q.**, Faraldos, M., Bahamonde, A., Balonis-Sant, M., Sant, G., and Kurtis, K. E. (2018). “Engineering Smart TiO<sub>2</sub> Nanoparticle-Modified Coatings for Enhanced Corrosion Resistance”, *ACI Convention*, Las Vegas, NV, USA
5. **Jin, Q.**, Tang Y., and Kurtis, K. E. (2018). “Fundamental Understanding of NO<sub>x</sub> Sequestration of Photocatalytic Cementitious Materials”, *9<sup>th</sup> Advances in Cement-Based Materials*, University Park, PA, USA
6. **Jin, Q.**, Saad, E. M., VanderZwaag, M. B., Reeve, T. L., Tang Y., and Kurtis, K.E. (2017). “Where does nitrogen go in photocatalytic cement?”, *8<sup>th</sup> Advances in Cement-Based Materials*, Atlanta, GA, USA
7. **Jin, Q.**, Leung, C. K. Y., and Chung, W. (2011). “The Joining Method for Permanent Formwork”, *International RILEM Conference on Advances in Construction Material through Science and Engineering*, Hong Kong
8. **Jin, Q.** and Leung, C. K. Y. (2010). “Fiber reinforced cementitious composite (FRCC) plate for the anchoring of FRP sheet on concrete member”, *5<sup>th</sup> International Conference on FRP Composites in Civil Engineering*, Beijing, China

### Poster Presentations

1. **Jin, Q.** and Kurtis, K. E., (2020). “Fundamental Understanding of Nano-TiO<sub>2</sub> Engineered Cementitious Materials for Enhanced NO<sub>x</sub> Sequestration and Corrosion Inhibition”, *Advanced Materials for Sustainable Infrastructure Development, Gordon Research Conference (GRC)*, Ventura, CA, USA
2. **Jin, Q.**, Lucas, S. N., Kurtis, K. E., Bahamonde, A., and Faraldos, M., (2018). “Titania and Silica Nanoparticle-modified Photocatalytic Coatings for Cementitious Materials”, *6<sup>th</sup> International Symposium on Nanotechnology in Construction (NICOM6)*, Hong Kong
3. Faraldos, M., Luna-Sanguino, G., Tolosana-Moranchel, A., **Jin, Q.**, Kurtis, K. E., and Bahamonde, A. (2018). “NO<sub>x</sub> Photocatalytic Degradation and Self-cleaning of TiO<sub>2</sub>-GO Coated Cementitious Materials”, *26<sup>th</sup> Catalysis Congress (CICat)*, Coimbra, Portugal
4. Bahamonde, A., Jiménez-Zorita, M., **Jin, Q.**, Zaribaf, B. H., Kurtis, K. E., and Faraldos, M. (2017). “Photo-Cements with Self-Cleaning Properties for NO<sub>x</sub> Abatement: Influence of Titania/Silica Coatings,” *5<sup>th</sup> European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5)*, Prague, Czech Republic

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† Note: underlined names denote student mentees; the first author is the presenting author

5. **Jin, Q.** (2017). “Mathematical Modeling based on the Evolution of Concrete Deterioration for Optimizing Service Life and Repair Schedules”, *3<sup>rd</sup> Corvallis Workshops on Service-life Prediction of Concrete*, Corvallis, OR, USA

### Invited Seminars and Talks

1. “Climate Mitigation and Adaption through Sustainable and Resilient Infrastructure Materials”, presented to Campus Convening on Climate Change: Energy and Materials, *Michigan State University*, May 2022
2. “Nano TiO<sub>2</sub>-engineered Cementitious Composites for Resilient, Smart and Sustainable Infrastructure”, presented to the Department of Civil and Environmental Engineering and Resilient Infrastructure & Disaster Response Center (RIDER), *FSU-FAMU College of Engineering*, April 2022
3. “Ultra-ductile Cementitious Composites for Next Generation Transportation and Energy Infrastructure”, presented to *12<sup>th</sup> International Association of Chinese Infrastructure Professionals (LACIP) Annual Workshop- Low Carbon Technologies and Resilience for Long-Lasting Infrastructure*, January 2022
4. “Ultra-ductile Cementitious Composites for Next Generation Infrastructure Resilience and Sustainability – Tall Concrete Wind Turbine Towers”, presented to the Center for Infrastructure Engineering Studies (CIES), *Missouri University of Science and Technology*, Rolla, MO, January 2021
5. “Bendable Concrete: Next Generation Infrastructure Safety and Durability”, presented to the event of *Science for Georgia*, online event, June 2020  
<https://scienceforgeorgia.org/2020/07/tavern-bendable-concrete/>
6. “Ultra-Ductile Cementitious Materials for Next Generation Durable Concrete Infrastructure”, presented to *CTS Cement Manufacturing Corporation*, Garden Grove, CA, March 2020
7. “Fundamental Understanding of NO<sub>x</sub> Sequestration Capacity and Pathways in Nano-engineered Cementitious Materials”, presented to the Department of Civil and Environmental Engineering, *University of California Irvine*, Irvine, CA, March 2020
8. “TiO<sub>2</sub> Nanoparticles-Modified Coating on Concrete Infrastructure for Air-Purification and Self-Cleaning”, presented to *ACI Georgia Chapter*, Atlanta, GA, December 2018

### TEACHING EXPERIENCE:

- Department of Civil and Environmental Engineering, MSU
  - *Instructor*, “Advanced Structural Concrete Design”, around 8 graduate students Spring 2022  
(CE806)
- School of Engineering and Applied Science, Universidad de los Andes, Chile
  - *Guest Lecturer*, “Engineered Cement-based Materials for Durable and Resilient Infrastructure”, remotely delivered to over 40 students for their undergraduate class of Construction Materials (IOC4102) May 2020
- Department of Civil and Environmental Engineering, GT
  - *Instructor*, as Future Faculty Fellow and under Tech-to-Teaching program Spring 2020
  - Materials Science of Concrete (CEE6585), around 10 graduate students and with remote teaching for half of the semester.

- Department of Civil, Environmental and Geodetic Engineering, Ohio State University, Columbus
  - *Guest Lecturer*, “Advanced Concrete Technologies for Future Infrastructure”, presented to over 50 students for their undergraduate class of Civil Engineering Materials (CVILEN 3510). Oct. 2019
- Department of Civil and Environmental Engineering, UM
  - *Graduate Student Instructor*, Infrastructure Sustainability (CEE501.59), around 30 graduate students Winter 2014
- Department of Civil and Environmental Engineering, HKUST
  - *Teaching Assistant*, Materials Technology (CIVL323), around 20 undergraduate students Fall 2010
  - *Teaching Assistant*, Computational Methods for Structural Design and Analysis (CIVL337), around 30 undergraduate students Fall 2009

## PROFESSIONAL AFFILIATION and SERVICE:

### License and Certification:

- Licensed Professional Engineer (PE), Maryland, United States, #53743
- Licensed Professional Engineer (PE), Michigan, United States, #6201309330
- Institution of Structural Engineers (IStructE), United Kingdom, #78385350 (passed the interview for chartered membership, which is equivalent to PE in the US)
- Hong Kong Institution of Engineers (HKIE), Hong Kong, #GW0479450
- LEED Green Associates (LEED GA), #10963063

### Professional Membership:

- Member, Engineering Mechanics Institute (EMI), ASCE 2021-Present
- Friend of Committee, Transportation Research Board (TRB) 2019-Present
  - AFN 20, Standing Committee on Durability of Concrete
  - AFN 40, Standing Committee on Concrete Materials and Placement Techniques
  - AFD 50, Standing Committee on Design and Rehabilitation of Concrete Pavements
- Member, American Concrete Institution (ACI) 2016-Present
  - ACI Committee 236, Material Science
  - ACI Committee 544, Fiber Reinforced Concrete
  - ACI Committee 564, 3-D Printing with Cementitious Materials
- Class B Member, Canadian Society for Civil Engineering (CSCE), HK Branch 2012-Present

### Technical Review<sup>‡</sup>:

- Cement and Concrete Research, Elsevier (16)
- Cement and Concrete Composites, Elsevier (26)
- Construction and Building Materials, Elsevier (4)

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<sup>‡</sup> Note: numbers in parentheses are rough estimates of reviewed manuscripts



- Resources, Conservation and Recycling, Elsevier (2)
- Journal of Cleaner Production, Elsevier (1)
- Advanced in Civil Engineering Materials, ASTM (1)
- Journal of Materials in Civil Engineering, ASCE (8)
- International Journal of Pavement Engineering, Taylor & Francis (1)
- Journal of Composite Materials, Sage Publications (1)
- Journal of Sustainable Cement-Based Materials, Taylor & Francis (2)
- International Journal of Concrete Structures and Materials, SpringerOpen (1)
- International Journal of Structural Stability and Dynamics, World Scientific (1)

### **Leadership and Delegation**

- Graduate Student Advisory Council, Civil and Environmental Engineering, GT 2018-2020
- GT Delegate, National Chi Epsilon Conclave, University of Texas, Arlington, 2018
- Overseas Liaison Officer, Overseas Delegation to Germany, HKIE 2013
- Young Engineer Delegate, 10th Cross Strait Two Coasts and Four Places Engineers (Hong Kong) Forum, HKIE 2012
- Founding President, Canadian Society for Civil Engineering - HK Branch, HKUST Student Chapter 2011-2012
- Student Structural Engineer, Bridge to China Charitable Foundation, HKUST 2009
- Student Delegate, Board of European Students of Technology, DTU 2008

### **ADVISING AND MENTORSHIP:**

#### **Michigan State University (MSU)**

- *Ph.D. Students*
  - Xiaoqiang “Antonio” Ni, Chaired Doctoral Committee 2022
- *M.Sc. Students*
  - Quentin R. Greiner, Chaired M.Sc. Committee 2022
- *Undergraduate Students*
  - Luke Naughton, mentor for EnSURE program 2022

#### **Georgia Institute of Technology (GT)**

- *M.Sc. Students*
  - Connor H. Szeto, Served as Research Mentor (currently PhD student at GT) 2021
- *Undergraduate Students, Served as Research Mentor to students conducting independent studies*
  - Katrina M. Reinhart (currently sophomore at GT) 2020
  - Jorge A. Magallon (currently Structural Engineer I at Pond & Company) 2019
  - Evangelia D. Tripolitis (currently Applications Engineer at Trimble) 2017-2018
  - Brandon S. Byers (currently PhD at ETH) 2017-2018
  - Timothy L. Reeve (currently M.DE. student at Harvard University) 2017
- *Undergraduate Students, Served as Graduate Mentor to students participating in the SENIC Internship at GT*

- Samuel N. Lucas (summer research intern from Mississippi State University and currently Ph.D. student in Biomedical Engineering at Georgia Tech) Summer 2018
- Sarah L. Hordern (summer research intern from University of Texas, Austin and currently ORISE fellow at EPA) Summer 2017
- Michael B. VanderZwaag (summer research intern from University of Michigan, and currently Project Engineer at Symbiont) Summer 2016

**University of Michigan at Ann Arbor (UM)**

- *Undergraduate Students, Served as Research Mentor*
  - Anne K. Magnus (currently Structures Responsible Engineer at SpaceX) 2014-2016
  - Taeho Kim (currently Ph.D. Student at California Institute of Technology) 2015-2016
  - Wai-Kit Chan (currently Structural Engineer 2 at CDM Smith) 2014

**ACerS President's Council of Student Advisors (PCSA)**

- *Undergraduate Students*
  - Megan Lenox, (senior in Ceramic Engineering at Missouri S&T and currently PhD student at University of Virginia) 2021