TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Mithil Mazumder Title: Lecturer Email: m_m624@txstate.edu

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph. D.	2019	Texas State University	Materials Science Engineering and Commercialization	Characterization of Crack Sealant Materials and Implementation Techniques
M. S.	2016	Texas State University	Technology Management-Construction Management	Performance Properties of Polymer Modified Asphalt (PMA) Binders Containing Wax Additives
B. S.	2012	National Institute of Technology (NIT), Durgapur, India	Civil Engineering	Effect of Skew Angle on the Behavior of an IRC Skew Bridge

C. University Experience

Position	University	Dates
Full Time Lecturer	Texas State University	September 2019 - Present
DTA/Teacher of Record	Texas State University	January 2017 – May 2019
Full Time Lecturer	World University of Bangladesh	June 2013 – July 2014
Graduate Instructional Assistant	Texas State University	September 2014 - December 2016

D. Relevant Professional Experience

Position	Entity	Dates
Laboratory Safety Officer	Texas State University	August 2015 – Present
Safety Intern	Guarri General Contractors, LLC	May 2018 – June 2018
Consultant Intern	LEA Associates of South Asia (LASA)	May 2011 – June 2011

E. Other Professional Credentials (licensure, certification, etc.)

Credential	*Entity*	*Dates*
LEED®AP BD+C	US Green Building Council (USGBC)	February 2020
Construction Documents Technologist (CDT)	Construction Specifications Institute (CSI)	July 2021
OSHA Authorized Construction Trainer	OSHA #500 Course completed at Texas A&M Engineering Extension Service (TEEX)	December 2021
Specialist in Safety and Health (SSH)	The University of Texas at Arlington	July 2019
Designing Your Online Course	Quality Matters	January 2020

II. TEACHING

A. Teaching Honors and Awards

Spring 2024 awarded "**Favorite Professor**" from The Alfred H. Nolle Chapter of the Alpha Chi, National College Honor Society.

B. Courses Taught: (S – Spring, F – Fall)

Course Number	Name (At Texas State University)	Semester
CSM 3366	Soils and Foundation	S 2017
CSM 4364	Construction Project Management and Scheduling	F 2017, 2019 - Present
CSM 2160	Introduction to Construction Surveying and Site Layout	2018 - 2020
CSM 4380	Construction Safety	2019 - Present
CSM 3361	Commercial Building and Construction Systems	F 2023
CSM 4361	Construction Estimating	2019-2020, 2022 - Pres
CSM 4368	Sustainability and Lean Construction Practices	2020 - Present
CSM 5368	Sustainable Construction	S 2021, S 2024
CSM 5380	Construction Safety Management	2021 - Present
CSM 5363	Construction Project Delivery and Leadership	2022 - Present
TECH 5365	Industrial Project Management and Scheduling	S 2021, S 2024
TECH 4380	Industrial Safety	2018 - 2019

Course Number	Name (At World University of Bangladesh)	Semester
CE07324107	Railway Engineering	S 2014
CE07324215	Permeability and Seepage	S 2014
CE07324100	Thesis/Project	F 2013, S 2014
CE07323116	Geotechnical Engineering Lab	F 2013, S 2014
CE07322103	Engineering Materials	S 2014
CE07324203	Steel Structures	F 2013
CE07322102	Structural Mechanics and Materials Lab	F 2013
CE07323208	Transportation Engineering Lab	F 2013

			Instructor Rating (5.00 Scale) at Texas State University					
Course	Sem.	Students	Learning	Enthusiasm	Organization	Ind. Rapport	Exam	Assign.
CSM 3366	S 17	14	4.17	4.40	4.23	4.51	4.53	3.57
CSM 4364	F 17	26	4.44	4.45	4.46	4.68	4.64	4.35
	F 19	24	4.29	4.43	4.42	4.43	4.42	3.88
	F 20	25	4.34	4.24	4.34	4.67	4.42	4.18
	S 21	25	4.59	4.35	4.52	4.56	4.65	4.23
	F 21	26	4.54	4.56	4.48	4.68	4.61	4.17
	S 22	24	4.43	4.37	4.55	4.57	4.47	4.18
	F 22	28	4.54	4.26	4.32	4.55	4.54	4.38

	S 23	28	4.45	4.46	4.57	4.60	4.64	4.48
CSM 2160	S 18	15	4.17	4.46	4.31	4.36	4.51	3.77
	F 18	19	4.63	4.65	4.55	4.71	4.74	4.64
	S 19	36	4.40	4.41	4.45	4.60	4.45	3.91
	F 19	28	4.26	4.27	4.18	4.23	4.22	4.02
	S 20	23	4.10	4.20	4.25	4.80	4.30	4.36
TECH 4380	F 18	51	3.88	3.77	3.86	4.28	4.10	3.55
	S 19	17	4.23	4.50	4.73	4.64	4.62	4.23
CSM 4380	F 19	41	4.43	4.25	4.37	4.46	4.47	3.93
	S 20	37	4.68	4.43	4.43	4.57	4.46	4.36
	S 20	39	4.07	3.71	3.93	3.86	3.97	3.91
	F 20	40	4.13	4.04	4.13	4.28	4.13	4.09
CSM 3361	F 23	36	4.36	3.96	4.46	4.35	4.56	4.07
CSM 4361	F 19	34	4.12	3.96	4.13	4.17	4.11	3.55
	F 19	15	4.39	4.36	4.06	4.53	4.28	3.71
	S 20	24	4.50	5.00	4.88	4.50	4.60	3.50
	F 20	24	4.12	3.65	3.93	4.08	4.16	3.65
	F 21	24	3.99	3.79	3.78	4.31	4.15	3.82
	F 22	24	4.33	4.15	4.30	4.36	4.39	4.02
	S 23	24	4.38	4.54	4.49	4.62	4.63	4.24
	F 23	24	4.42	4.48	4.44	4.64	4.64	4.00
	S 24	33	4.45	4.20	4.22	4.36	4.52	4.17
CSM 4368	S 20	39	4.33	4.33	4.50	4.50	4.48	4.17
	F 20	39	4.42	4.24	4.33	4.48	4.43	4.14
	S 21	41	4.49	4.38	4.56	4.45	4.47	4.23
	F 21	32	4.43	4.41	4.58	4.60	4.54	4.25
	S 22	21	4.50	4.44	4.56	4.46	4.47	4.29
	F 22	37	4.32	4.43	4.48	4.51	4.43	4.23
	S 23	29	4.49	4.55	4.46	4.51	4.50	4.13
	F 23	34	4.46	4.60	4.64	4.73	4.68	4.27
	S 24	43	4.29	4.26	4.44	4.41	4.45	4.30
CSM 5380	S 24	8	4.33	4.92	4.88	4.89	4.90	4.92
TECH 5365	S 24	14	4.45	4.68	4.63	4.55	4.73	4.43

C. Graduate Thesis/Dissertations, Honors Theses, or Exit Committees (if supervisor, please indicate):

Committee Member

Hemmati, Navid, MS in Construction Management
Thesis Title: Evaluation of Petroleum Resin Effectiveness on Asphalt Binder Viscosity.
(Summer 2021).

Yun, Jihyeon, MS in Construction Management
Thesis Title: Laboratory Evaluation of Storage for CRM Asphalt Binders
(Summer 2022).

Vigneswaran, Shyaamkrishnan, MS in Construction Management
Thesis Title: Effect of CRM Particle Size on Storage Stability of Rubberized Binders
(Summer 2023).

Yun, Jihyeon, Ph.D. in Materials Science, Engineering and Commercialization (MSEC) Program
Dissertation Title: TBD
(Spring 2025, Expected)

D. Courses Prepared and Curriculum Development:

Courses prepared

CSM 4368 Sustainability and Lean Construction Practices
CSM 4380 Construction Safety
CSM 4364 Construction Project Management and Scheduling
CSM 2160 Introduction to Construction Surveying and Site Layout
TECH 4380 Industrial Safety
CSM 5368 Sustainable Construction
CSM 5380 Construction Safety Management
CSM 5363 Construction Project Delivery and Leadership

Developed Syllabi and new course development

Undergraduate courses

CSM 4380 Construction Safety (Fall 2019)
• Department introduced the safety course for construction major students and given responsibility to develop the new syllabus
• Developed course description and outcomes
• Produced new curriculum and assignments

CSM 4368 Sustainability and Lean Construction Practices (Spring 2020)
• Earlier used to be "Environmentally Conscious Design and Construction" and new syllabus developed to include the lean construction and specific to sustainable construction practices
• Developed course description and outcomes
• Produced new curriculum and assignments

Graduate courses (Online and face to face)

Online and face to face courses were introduced and developed as part of the new Master program in Construction Management

CSM 5368 Sustainable Construction (Spring 2021)
• Developed new syllabus
• Developed course contents
• Produced new curriculum and assignments

CSM 5380 Construction Safety Management (Summer 2021)
• Developed new syllabus
• Developed course contents
• Produced new curriculum and assignments

CSM 5363 Construction Project Delivery and Leadership (Fall 2021)
• Developed new syllabus

• Developed course contents
• Produced new curriculum and assignments

TXST Global Accelerated Online graduate course

CSM 5363 Construction Project Delivery and Leadership (Summer 2024)
• Developed new syllabus
• Developing the course contents

E. Funded External Teaching Grants and Contracts: None
F. Funded Internal Teaching Grants and Contracts: None
G. Teaching Professional Development Activities Attended:

Name of the Event	Location	Date
ACCE Initial Team Member Training and Construction Management Teaching Workshop	Jacksonville, Florida	19-21 February 2020
ACCE Advanced Team Member Training and Visiting Team Case Studies	Online	21 July 2020
ACCE Advance Team Member Training	Online	19-20 July 2021
Designing Your Online Course	Quality Matters	January 2020
30 hours of LEED AP BD+C continuing education	Online, US Green Building Council (USGBC)	February 2024
24 hours of CDT continuing education	Online, Construction Specifications Institute (CSI)	June 2024

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press)
1. Books (if not refereed, please indicate)

a. Chapters in Books: ***(1 published)***

1. **Mazumder M.**, Lee S.-J., Lee M.-S., "Properties of Styrene-Isoprene-Styrene (SIS) Modified Asphalt Binder." In: Raab C. (eds) ***Proceedings of the 9th International Conference on Maintenance and Rehabilitation of Pavements***—Mairepav9. Lecture Notes in Civil Engineering, Vol 76. Springer, Cham (June 2020)

2. Articles

a. Refereed Journal Articles: *(16 published, 1 submitted, 2 in preparation)*

2023

1. Hemmati, N., Yun, J., **Mazumder, M.**, Lee, M. S., & Lee, S. J., Characterization of Sustainable Asphalt Binders Modified with Styrene–Isoprene–Styrene (SIS) and Processed Oil. ***Sustainability***, 15(12), 9464 (June 2023)

2. Hemmati, N., Vigneswaran, S., **Mazumder, M.**, Lee, M. S., & Lee, S. J., Laboratory Assessment of Modified Asphalt Binders Using Crumb Rubber Modifier (CRM) and Processed Oil. ***Construction Materials***, 3(1), 93-109 (March 2023)

2022

3. Yun, J., **Mazumder, M.**, Na, I. H., Lee, M. S., & Kim, H. H., "Evaluation of Effect of Thermoplastic Polyurethane (TPU) on Crumb Rubber Modified (CRM) Asphalt Binder" ***Materials***, 15(11), 3824 (May 2022)

2021

4. Hemmati, N., Yun, J., **Mazumder, M.**, Lee, S.-J., Lee, M.-S., "Laboratory Characterization of Asphalt Binders Modified with Styrene Butadiene Rubber (SBR)" ***Materials***, 14(24), 7666 (December 2021)

5. **Mazumder, M.**, Yun, J., Lee, S. J., & Jeong, K. D., "Cost-Effectiveness of Conventional Compaction (CC) and Intelligent Compaction (IC) Methods of Asphalt Pavement Overlay" ***Sustainability***, 13(21), 11830 (October 2021)

6. Kim, H. H., **Mazumder, M.**, Lee, M. S., & Lee, S. J., "Evaluation of Petroleum Resin in Rubberized Asphalt Binder" ***Sustainability***, 13(16), 9319 (August 2021)

7. Hemmati, N., Kim, H. H., **Mazumder, M.**, Lee, S.-J., Lee, M.-S., "Laboratory assessment of asphalt binders containing petroleum resin" ***International Journal of Pavement Research and Technology,*** https://doi.org/10.1007/s42947-021-00060-y (June 2021)

2020

8. **Mazumder, M.**, Siddique, A., Ahmed, R., Lee, S. J., & Lee, M. S., "Rheological and Morphological Characterization of Styrene-Isoprene-Styrene (SIS) Modified Asphalt Binder" ***Advances in Civil Engineering***, https://doi.org/10.1155/2020/8877371 (December 2020)

9. **Mazumder, M.**, Kim, H. H., Jeong, K-D, Lee, S.-J., "A review on quality control index of new asphalt pavement construction" ***Journal of the Korean Asphalt Institute***, 10(2), 172-195. doi:10.22702/jkai.2020.10.2.016 (December 2020)

10. Ji, B., Lee, S. J., **Mazumder, M.**, Lee, M. S., & Kim, H. H., "Deep Regression Prediction of Rheological Properties of SIS-Modified Asphalt Binders" ***Materials***, 13(24), 5738 (December 2020)

11. Kim, H. H., **Mazumder, M.**, Lee, M.-S., Lee, S.-J., "Laboratory Evaluation of Sustainable PMA Binder containing Styrene-Isoprene-Styrene (SIS) and Thermoplastic Polyurethane" ***Sustainability***, Vol. 12(23), pp.10057 (December 2020)

12. Kim, H. H., **Mazumder, M.**, Lee, M.-S., Lee, S.-J., "Laboratory evaluation of SBS modified asphalt binder containing GTR, SIS, and PE" ***Advances in Civil Engineering***, https://doi.org/10.1155/2020/8830622 (November 2020)

13. **Mazumder, M.**, Ahmed, R., Lee, M.-S., Lee, S.-J., "Optical characterization of asphalt binders containing wax additives" ***Advances in Civil Engineering***, https://doi.org/10.1155/2020/4170691 (February 2020)

2019

14. **Mazumder, M.**, Kim, H. H., Lee, S.-J., "Crack sealing vs crack filling: A state of the art review and analysis." ***Journal of the Korean Asphalt Institute***, Vol. 9(2), pp. 207-233. (December 2019)

15. **Mazumder, M.**, Ahmed, R., Hasan, M., Lee, S.-J., Lee, M.-S., "Spectroscopic ellipsometry of asphalt binder: a study of optical Constants" ***International Journal of Civil Engineering,*** Vol. 18, pp. 251-259 (October 2019)

16. Kim, H. H., **Mazumder, M.**, Lee, M.-S., Lee, S.-J., "Evaluation of high-performance asphalt binders modified with SBS, SIS and GTR" ***Advances in Civil Engineering***, https://doi.org/10.1155/2019/2035954 (October 2019)

2019 (Aug) - 2015

17. **Mazumder, M.**, Kim, H. H., Lee, S.-J., Lee, M.-S., "Economic analysis of crack treatment methods using HDM-III modeling" ***International Journal of Civil Engineering***, Vol. 17, pp. 1739-1751 (August 2019)

18. **Mazumder, M.**, Lee, M.-S., Lee, S.-J. "Installation and implementation of proper tack coat application." ***Journal of the Korean Asphalt Institute***, Vol. 9(1), pp. 14-39 (June 2019)

19. Kim, H. H., **Mazumder, M.**, Lee, S.-J., Lee, M.-S., "Effect of production process on performance properties of warm rubberized binders" ***Journal of Traffic and Transportation Engineering***, Vol. 6(6), pp. 589-597 (May 2019)

20. **Mazumder, M.**, Kim, H. H., Lee, S.-J., Lee, M.-S., "Cost effectiveness of crack treatment methods: a field study" ***Journal of Traffic and Transportation Engineering***, Vol. 6(6), pp. 598-607 (March 2019)

21. **Mazumder, M.***, Kim, H. H., Lee, S.-J., Lee, M.-S., "Crack treatment performance on pavement marking, joint and shoulder lanes in Texas" ***Innovative Infrastructure Solutions***, 4, 16. https://doi.org/10.1007/s41062-019-0202-7 (February 2019)

22. **Mazumder, M.***, Kim, H. H., Lee, S.-J., "Comparison of field performance of crack treatment method in asphalt pavement of Texas" ***Journal of Transportation Engineering, Part B: Pavements, ASCE***, Vol. 145(1), 04018057-9. (November 2018)

23. **Mazumder, M.**, Ahmed, R., Ali, W., Lee, S.-J., "SEM and ESEM techniques used for the analysis of asphalt binder and mixture: a state of the art review" ***Construction and Building Materials***, Vol. 186, pp. 313-329 (July 2018)

24. **Mazumder, M.***, Sriraman, V., Kim, H.H. and Lee, S.J., "Quantifying the environmental impacts of crack sealing and filling treatment in hot mix asphalt pavement" ***Innovative Infrastructure Solutions***, 3, 61. https://doi.org/10.1007/s41062-018-0161-4 (July 2018)

25. Kim, H. H., **Mazumder, M.**, Lee, S.-J., "Recycling of aged asphalt binders with wax warm additives" ***Road Materials and Pavement Design***, Vol. 19(5), pp. 1203-1215 (July 2018)

26. Kim, H. H., **Mazumder, M.**, Lee, S.-J., Lee, M.-S., "Characterization of recycled crumb rubber modified binders containing wax warm additive" ***Journal of Traffic and Transportation Engineering***, Vol. 5(3), pp. 197-206 (June 2018).

27. Ali, W., Kim, H. H., **Mazumder, M.**, Lee, M.-S., Lee, S.-J., "Multiple Stress Creep Recovery (MSCR) Characterization of polymer modified asphalt binder containing wax additives" ***International Journal of Pavement Research and Technology***, Vol. 11, pp. 774-788 (May 2018).

28. Kim, H. H., **Mazumder, M.**, Lee, M.-S., Lee, S.-J., "Effect of blending time on viscosity of rubberized binders with wax additives" ***International Journal of Pavement Research and Technology***, Vol. 11(6), pp. 655-665 (March 2018)

29. Kim, H. H., **Mazumder, M.**, Torres, A., Lee, M.-S., Lee, S.-J., "Characterization of CRM binders with wax additives using an atomic force microscopy (AFM) and an optical microscopy" ***Advances in Civil Engineering Materials, ASTM***, Vol. 6(1), pp. 504-525 (December 2017).

30. Kim, H. H., **Mazumder, M.***, Lee, S.-J., "Micromorphology and rheology of warm binders depending on aging" ***Journal of Materials in Civil Engineering, ASCE***, Vol. 29(11), 04017226 (September 2017)

31. Kim, H. H., **Mazumder, M.**, Lee, M.-S., Lee, S.-J., "Identification of the microstructural components of crumb rubber modified asphalt binder (CRMA) and the feasibility of using environmental scanning electron microscopy (ESEM) coupled with energy dispersive X-Ray spectroscopy (EDX)." ***International Journal of Highway Engineering***, Vol. 18(6), pp. 41-50 (December 2016)

32. **Mazumder, M.***, Sriraman, V., Kim, H. H., Lee, S.-J., "Quantifying the environmental burdens of the hot mix asphalt (HMA) pavements and the production of warm mix asphalt (WMA)." ***International Journal of Pavement Research and Technology***, Vol. 9(3), pp. 190-201 (June 2016)

33. **Mazumder, M.**, Kim, H. H., Lee, S.-J., "Performance properties of polymer modified asphalt binders containing wax additives." ***International Journal of Pavement Research and Technology***, Vol. 9(2), pp. 128-139 (March 2016)

34. **Mazumder, M.**, Kim, H. H., Lee, S.-J., "Perpetual pavement: future pavement network" ***Journal of Advanced Construction Materials***, Vol. 19(1), pp. 35-49 (December 2015)

b. Non-refereed Articles:

3. Conference Proceedings

a. Refereed Conference Proceedings: (* denotes corresponding author)

1. **Mazumder, M.***, Kim, H. H., Lee, S.-J., "Comparison of Field Performance of Crack Treatment Methods in Asphalt Pavement: Crack Filling versus Crack Sealing" In: 97th TRB Annual Meeting, ***Transportation Research Board***. Washington, D.C., Jan. 2018.

5. Reports:

a. **Mazumder, M.,** Kim, H. H., Humphries, E., and Lee, S.-J., Crack Sealing vs. Crack Filling (Project 0- 6832), Texas Department of Transportation (TxDOT), August 2017.

6. Book Reviews:

7. Other Works in Print:

B. Works not in Print

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations:

3. Consultancies:

4. Workshops:

5. Other Works not in Print:

b. Works "submitted" or "under review"

Mazumder, M., Kim, H.H., Jeong, K.D., Lee, S.-J., "Effect of petroleum resin on the rheological properties of styrene-isoprene-styrene (SIS) modified binders" *Journal of traffic and transportation engineering*.

c. Works "in progress"

Mazumder, M., "Comparative LCA analysis of HMA and CRM production"

Mazumder, M., "Morphological structure analysis of SIS modified asphalt binder as a crack sealant"

d. Other works not in print

C. Grants and Contracts

1. Funded External Grants and Contracts:

- Korea Agency for Infrastructure Technology Advancement (KAIA), 2021, PI (Lee, S.-J.), **CoPI (Mazumder, M.,** Kim, H. H.,) "Development of Rubberized Asphalt Binder (PG 82-22) for Low-Noise Double-Layer Pavements", Amount: $106,195, April 2021 – December 2023.

2. Submitted, but not Funded, External Grants and Contracts:

3. Funded Internal Grants and Contracts:

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Fellowships, Awards, Honors:

Dean of the Graduate College, Texas State University
Graduate College Scholarship — Fall 2018 – Summer 2019

Materials Science, Engineering, and Commercialization, Texas State University
Outstanding MSEC Doctoral Student — Spring 2018

Materials Science, Engineering, and Commercialization, Texas State University
Bootcamp-II Business & Pitch Competition Winner — Spring 2018

Department of Engineering Technology, Texas State University
Research Award — Spring 2018

Dean of the Graduate College, Texas State University
Travel Fund — Spring 2018

Department of Engineering Technology, Texas State University
Academic Excellence — Spring 2016

Department of Engineering Technology, Texas State University
Research Award & Service Award — Spring 2015

Bangladesh-Sweden Trust Fund Travel Grant — December 2015

National Institute of Technology (NIT), Durgapur, India
Ministry of Foreign Affairs, India
Indian Council for Cultural Relations Scholarship Scheme — September 2008 – May 2012

Govt. Scholarship for achieving GPA 5 in SSC-2005 & HSC-2007 — May 2005 – April 2007

IV. SERVICE

A. Institutional:

1. University:

- Serving as a member of Graduate faculty (2019 – present)
- Attending annual graduation commencement ceremonies (2019 – Present)
- Serving as a Thesis and Dissertation committee member (2021 - Present)

2. Department/School:

- Participating ACCE Accreditation
- **Conducted ACCE accreditation visit as a Member in Training (MIT) at Missouri State University (April 2022)**
- Participating ABET Accreditation
- ***Advisor, Texas Asphalt Pavement Association (TXAPA)/Asphalt Road-eo student competition (2023 – Present)***
- ACCE Mid-Year Conference (2020 – 2021)
- Participating in the Construction and Concrete Job Fair
- Member of departmental Faculty Internal Curriculum Review (Spring 2021)
- Asphalt lab touring for high school students.

B. Professional:

- Reviewer, Advances in Civil Engineering (Wiley) (2024 – Present)
- Reviewer, Construction and Building Materials (Elsevier) (2018 – Present)
- Reviewer, International Journal of Pavement Research and Technology (Elsevier) (2018 – Present)
- Reviewer, Journal of Traffic and Transportation Engineering (Elsevier) (2018 – Present)
- Reviewer, Materials and Design (Elsevier) (2019)
- Reviewer, Sustainability (MDPI) (2019 – Present)
- Reviewer, Infrastructure (MDPI) (2019 – Present)
- Reviewer, Materials (MDPI) (2019 – Present)
- Reviewer, Coatings (MDPI) (2021-Present)
- Reviewer, International Journal of Pavement Engineering (Taylor and Francis) (2021 – Present)
- Reviewer, Applied Sciences (MDPI) (2019 – Present)
- Reviewer, Case Studies in Construction Materials (Elsevier) (2021 – Present)
- Reviewer, Resources, Conservation and Recycles (Elsevier) (2022 – Present)
- Reviewer, Buildings (MDPI) (2022 – Present)
- Reviewer, Water (MDPI) (2022 – Present)
- Reviewer, Applied System Innovation (MDPI) (2022 – Present)
- Reviewer, Polymers (MDPI) (2023 – Present)

C. Community

D. Service Honors and Awards

E. Service Grants and Contracts

1. Funded External Service Grants and Contracts:
2. Submitted, but not Funded, External Service Grants and Contracts:
3. Funded Internal Service Grants and Contracts: