M I C H E L L E L O N D A

INGRAM SCHOOL OF ENGINEERING, TEXAS STATE UNIVERSITY
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PROFESSIONAL EXPERIENCE

9/2024 – Present ***Texas State University, San Marcos, TX***
Professor of Practice in the Ingram School of Engineering

1. Teaching

A. Cooperative Education

a. Instructing ENGR 3190 during fall, spring and summer semesters.
b. Instructing ENGR 3290 during fall and spring semesters.

B. Engineering Economic Analysis

a. Instructing ENGR 3315 during fall, spring and summer semesters.

C. University Seminar

a. Instructed 2 sections of US 1100 for the Engineering LLC during fall 2025.
b. Implemented Engineering Employer Panels for 3 US 1100 classes.
c. Participating on TX 1100 for CoSE team to transform US 1100 for Engineering and Science.

2. Scholarly and Creative Works

A. Cooperative Education Program in the Ingram School of Engineering.

a. $4MM was earned by co-op students since 2017.
b. Co-op student and SWE member Cristina Cervantes was honored as the LBJ Outstanding Student of the Year in 2024.
c. Providing Workforce Development Workshops (Resume, LinkedIn, Handshake, Mock Interviews) to ISoE students.
d. The following table illustrates Strategic Co-op Employers as a function of the number of semesters they have hired ISoE students:

Table 1: Co-op Employer Data

# of Semesters	14	10	8	7	6	5	4
Company	AMD	Infineon Apple	NXP Vitesco Continental Auto. Tesla	TRC	TXDOT	TEL NASA LCRA Applied Matls.	Samsung Lockheed Martin GWP Construction Fathom Mfg Dell Austin Energy

B. Co-PI $2.5MM NSF S-STEM Grant

a. Providing Career Development, Design, and Social Programs to 40 scholarship recipients.
b. Earned a supplemental grant to implement a Near Peer Mentor Program.
c. Participated in Bi-Weekly leadership meetings to recruit scholars and plan programs.

C. Co-PI Texas Institute for Electronics Next-Generation Microelectronics Manufacturing Center, DARPA, Federal, $1,625,000 (July 2024 – July 2029)

a. Provided career development seminar during 2025 summer REU.
b. Facilitated Planning of Semiconductor Profession Development Seminar on 2/6/26.

D. Engineering Strategic Employer Partnerships

a. Coordinated 4 co-op assignments and commenced 2 senior design projects with NXP.
b. Was contacted by Aston Martin F1 and helped to plan and execute a phenomenal event with an AMF1 Car on campus (President Damphousse participated in a photo shoot) and a panel discussion with 2 AMF1 drivers, 1 AMF1 designer and Dr. Jesus Jimenez.
c. Planned a tour of Dell in spring 2026 and started a mentor program with 4 engineers and scientists from Dell and 8 SWE members. Liam Quinn, for Dell CTO and current EE Professor of Practice, also attended.
d. Attended the AMD WE Seminar on 3/11/26 with 15 TXST SWE members. This was a valuable networking event with a Panel Q&A session and mock interviews.
e. Invited Joel Warner, ISoE Alumni and Samsung engineer, to the IEEE Robotics Showcase in April 2026.

3. Service

A. Advisor Society of Women Engineers

a. Mentored Anna Collingwood, EE Class of ’25, who was chosen as The LBJ Outstanding Senior Student Award, which is given annually by the Alumni Association to a student as recognition for outstanding leadership, character, campus and community involvement, and academic success.
b. Advised biweekly leadership meetings with SWE officers during spring and fall semesters to plan weekly meetings.
c. Facilitated and attended weekly SWE meetings during spring and fall semesters.
d. Planned and attended a multi-org potluck and Trivia night for World Engineering Day in March 2025.
e. Participated in CoSE Welcome Event to recruit new SWE members.
f. Attended the Student Leader Welcome Dinner with Prianka Karki and introduced her to President Damphousse on 9/17/25.
g. SWE participated in our first FB Tailgate during Homecoming on 10/11/25.
h. Raised $4,550 in a GoFundMe during spring 2025 that contributed towards 26 members, including 5 males, to attend the annual WE25 convention in NOLA.

B. Advisor ENGR LLC

Refer to Table 2: Engineering LLC Events during 2025 for details.

a. 80 engineering freshmen are currently living in the Engineering LLC in Castro Hall.
b. Advisor-led events focusing on career development were very well attended.
c. 2 sections of US1100 for Engr LLC students were taught in Castro Hall during Fall 2025.
d. A student org fair was organized in Fall 2025 with 15 engineering and technology orgs participating. This has been the best attended event thus far.
e. An Engineering Employer Panel is being planned for spring 2026.

Table 2: Engineering LLC Events during 2025.

Engineering LLC Spring 2025 Events			
Date	Event	# Attended	Event Leader
H 2/6/2025	Career Fairs and Handshake Review	8	Advisor
H 2/13/2025	Engineering Romance Movie and Choc. Fondue	28	Advisor and RAs
H 2/20/2025	Pool Tourney	22	RA s
H 2/27/2025	Dinner with Staff	8	RA s
F 2/28/2025	Tesla Tour	29	Advisor and RD
W 3/5/2025	Observatory Night	6	Advisor
H 3/20/2025	Design and Build a Plane	12	RA s
H 3/26/2025	Hackathon	12	LLCs
H 4/17/2025	Employer Networking Event	24	Advisor
H 4/24/2025	Medallion Ceremony	20	LLCs
Engineering LLC Fall 2025 Events			
Date	Event	# Attended	Event Leader
8.20.25	LLC Orientation		LLC
8.28.25	Ice Cream Social		LLC
9.3.25	Resumes - Roadmaps to Success	35	Advisor
9.10.25	Volleyball	24	RAs
9.17.25	Entertainment at Georges	23	Advisor and RAs
9.24.25	Take 2 and Career Prep	10	Advisor and RAs
10.8.25	Engineering Student Org Fair	50	Advisor
10.15.25	Registration Pre-Plan Session		RAs
10.21.25	Cardboard Boat Design Competition	30	All
10.29.25	Day of the Dead Party with movie and Choc. Fondue		RAs
11.5.25	Bobcat Shadow and Study Abroad Info		Advisor
11.12.25	Zoomba at Rec Center	12	RAs
11.19.25	Friendsgiving Potluck	35	All
12.3.25	Design Competition: Gingerbread Houses		All
12.4.25	Late Night Breakfast		RAs

9/2017 – 9/2024 ***Texas State University, San Marcos, TX***

Associate Professor of Practice in the Ingram School of Engineering

1. Teaching

A. Coordinated IE 4392 and IE 4393, IE Senior Design 1 and 2.

a. Negotiated projects with External Sponsors: TEL, Toyota, HID, Pirate SWT, Signify, MIM, Airogistic, 31 Degrees, NBU, CTFB, Vitesco.

b. Attained Internal Sponsors (Dr. Jin, Dr. Russi, Dr. Perez, Dr. Jimenez, Maker Space, Dr. Londa, Dr. Dong).

c. Instructed IE 4392 and IE 4393 simultaneously.

d. Supervised Holly and Kayla Streber, who won 1st Place at the IISE Operations Research Division UG Student Research Dissemination Competition at the annual IISE Conference in 2022 for their Senior Design Project, Optimizing the Texas Trauma Network, advised by Dr. Perez at TXST.

e. Guided the Hypothesis Testing for the Neuroergonomics Team, advised by Dr. Jiminez at TXST, who presented their Senior Design Project at the SXSW Innovation Conference in March 2023.

f. Facilitated NPW calculations for EV Team, advised by Dr. Jin at TXST, who presented their Senior Design Project at the TXST STEM Conference in March 2023. This team was also selected to present at the annual IISE Conference in 2023, but they were unable to attend.

g. Participated in the Senior Design Committee, which plans Senior Design Day (SDD) every fall and spring. Facilitated Employer Recruiting Booths for spring 2023 SDD, with $500 donations each from Tesla and TEL and participation from NXP.

B. Cooperative Education

a. Developed 3 assignments for co-op: Statement of Work, Final Report, and Supervisor's Evaluation.

b. Collaborated with Financial Aid to assign co-op students Full Time Student Status during work assignments.

c. Collaborated with ODEL to minimize tuition for co-op. Current rate is $307 per credit via ODEL vs $829 including all fees.

d. Implemented ENGR 3190 Cooperative Education in Spring 2017.

e. Established ENGR 3290 Advanced Cooperative Education in Fall 2022 to reflect the significantly higher hours for full-time co-op during Fall or Spring semesters. This also allows ENGR 3190 to be used as part-time co-op in Fall or Spring Semesters, in addition to full-time co-op in Summer Semesters.

C. Graduate Committees: Served on Kathry Budde's MS Committee and on Farah Najdawi's and Fatema Zohra's Ph.D. Committee.

a. Instructed ENGR 2300 Materials Engineering, IE 3320 Engineering Statistics, and ENGR 3315

a. Implemented online courses during Covid.

b. Devised 3 Minitab Labs for IE 3320 incorporating exercises in graphics, statistics, probabilities, confidence intervals, and hypothesis testing.

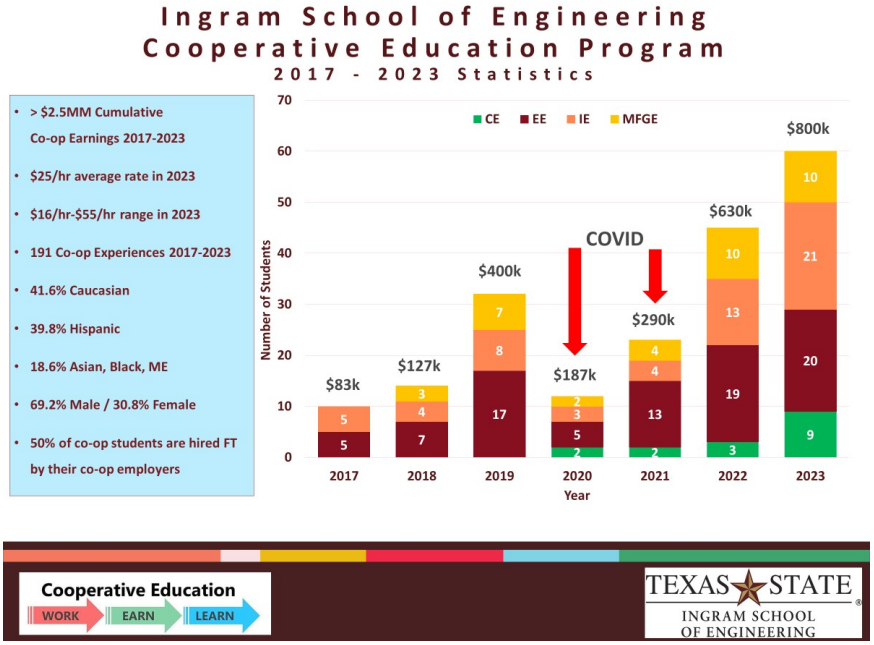
c. Devised 3 Excel Labs for ENGR 3315 incorporating exercises in graphics, NPW, EUAW, Depreciation,
BT- and AT-RoR.

2. Scholarly and Creative Works (Research)

A. Developed and implemented the Cooperative Education Program in the Ingram School of Engineering.

a. Co-op student and SWE secretary Joni McCauley selected for the national Cooperative Education & Internship Association (CEIA) 2023-2024 Internship Student Achievement Award!

b. $2.5MM earned by co-op students from 2017 – 2023, see following figure.



c. 195 co-op assignments and 93 co-op employers.

d. The following table illustrates Strategic Co-op Employers as a function of the number of semesters they have hired ISoE students:

# of Semesters	10	8	7	6	5	4	3
Company	AMD	Infineon (Germany)	Apple TRC Power	Continental Vitesco	Applied Mat. LCRA NASA TEL	Austin Energy Samsung Tesla	Dell TXDOT

e. Designed the following creative works: Co-op Presentation, Co-op Website, Co-op Poster, Co-op Online Application, Co-op Registration Instructions, Statement of Work Template, Co-op Report Template, Supervisor's Evaluation Template, Co-op Postcard.

f. 100% graduation rate for co-op students.

g. Excellent diversity in program: 39.8% Hispanic and 30.8% Female.

h. Based upon the success of this program, CS and Chemistry are implementing co-op programs in Fall 2023.

i. Angelo State University has asked me to share best practices to help them start up a new co-op program.

j. Facilitated social media stories with co-op students working at Vitesco, Continental, AMD, NXP, TEL, and Toyota in summer and fall 2023.

B. NSF S-STEM Grant

a. Awarded $2.5MM S-STEM Grant by NSF to support talented, low-income, first-

time-in-college domestic engineering students with unmet financial need by providing them scholarships and programming.

b. Mentoring the Engineering Living Learning Community (LLC) since fall 2024.

c. Providing workforce development aid for all engineering majors.

3. Service

A. Advised the TXST section of the Society of Women Engineers.

a. Enabled 20 - 26 SWE members to attend the Annual WE Conference in each year 2022 – 2025 through fundraising via SUFS or Go-Fund-Me.

b. Developed the SWE STEMINIST NEAR PEER MENTORING PROGRAM.

c. Facilitated panel discussions, seminars, and field trips with NXP, TEL, Vitesco, Tesla, Toyota, Caterpillar, Dell, Boeing, Samsung, Austin Energy, Kimley Horn, HDR, etc.

d. Participated in Bobcat Build 2022, 2023, 2024.

e. A $10,000 donation from a strategic employer for SWE scholarships was received in 2023.

C. LBJ Institute Faculty Fellow 2018-2020

a. Co-Leader of PEACE GEMS (Pre-Engineering Academic and Career Exploration for Girls in Engineering Math and Science) Summer Camp at TXST.

b. Led Career Exploration with a Tour of NXP and Austin Energy.

c. Supervised girls 24/7 for 1 week.

d. Program was discontinued due to Covid.

D. Developed a Strategic Employer Prioritization Matrix 2022-2023

a. Included Company Revenue and a Partnering Factor in the Rankings.

b. Alumni from each company were found by data mining LinkedIn.

c. Results were used to aid in the selection of IAB members and given to UNITE to help select companies to develop strategic plans.

d. Planned and executed the first ISoE Executive Advisory Council Meeting on Nov. 4, 2023. One EAC member pledged to make a matching donation to the Dr. William Stapleton Endowed Memorial Scholarship Fund that may enable the goal of $25,000 to be achieved.

e. Chosen as 1 of 2 Engagement Team Members from the CoSE to assist UA Relation Managers to develop and execute strategic employer plans.

E. Received a Nontenure Faculty Workload Release from the Faculty Senate. 2018 - 2019

F. Award / Honor Recipient: Foundation of Excellence Award. 2020

G. EAB Member of The NSF Partnership for Research and Education and Materials (PREM) Center for Intelligent Materials Assembly (CIMA), which works to strengthen the pipeline of students in materials science and STEM careers through research and education. 2022-Present

9/2013 – 8/2017 ***Texas State University, San Marcos, TX***

Senior Lecturer in the Ingram School of Engineering

1. Scholarly and Creative Works

a. Obtained approval for the Cooperative Education Program in the Ingram School of Engineering.

b. Attended ASEE CIEC in 2014.

c. Performed literature search of global co-op programs.

d. Wrote White Paper to Provost Bourgeois explaining the benefits of cooperative education.

e. Supervised the first 2 trial co-op students in 2015.

f. Informed the Provost of results in 2016 and obtained approval for first co-op cohort in spring 2017.

g. Participated in the following Funded Research, which sparked my passion for supporting Women and Minorities in STEM:

Sponsoring Organization	Title	Submittal Date	Principal Investigators	Funding Amount
USDA	A Bridge Program to Engage, Sustain and Empower Women and Minorities in STEM (ESE WAMS)	2014	TxState: S. Aslan, B. Asiabanpour, J. Jimenez, H. Salamy, M. Londa, A. Martinez Ortiz	$100,000

2. Teaching

a. Taught Materials Engineering, Engineering Statistics, Engineering Economic Analysis, and Project Management.

b. **Award / Honor Recipient: Favorite Professor Award, Alpha Chi, 2015.**

3. Service

Attended Bobcat Days and Commencements

9/2010 – 8/2013 ***Texas State University, San Marcos, TX***

Adjunct Professor in the Ingram School of Engineering

Taught Materials Engineering, Engineering Statistics, and Engineering Economic Analysis.

9/2006 – 8/2010 ***Texas State University, San Marcos, TX***

Adjunct Professor in Chemistry

1. Scholarly and Created Activities. Established the following Funded Research:

FUNDED RESEARCH				
Sponsoring Organization	**Title**	**Submittal Date**	**Principal Investigators**	**Funding Amount**
DoD/DARPA Armor Challenge Phase I	An Innovative Toughened Glass/Polymer Laminate Design for Transparent Armor	7/24/2009	TxState: M. Londa Trigon: J. Wendell	$50,000
Hexion	Structure/Property Relationships in Epoxy Nanocomposites	6/15/2009	TxState: M. Londa Hexion: W. Christiansen	$10,000
DoD/Army A08-T028 Phase II	Thermal Barrier Coatings with Low Temperature Flexibility	3/16/2009	TxState: M. Londa AMP: M. Massingill	$750,000

NSF SBIR/STTR 07-551 Phase II	Ultra-High Efficiency Biodiesel Manufacturing	1/27/2009	TxState: M. Londa AMP: M. Massingill	$750,000
DoD/Navy N091-004 Phase I	Thermally Stable Machine Gun Barrels	1/14/2009	TxState: M. Londa AMP: M. Massingill	$100,000
DoD/Army A08-T028 Phase I	Thermal Barrier Coatings with Low Temperature Flexibility	3/18/2008	TxState: M. Londa AMP: M. Massingill	$100,000

2. Teaching: Taught Quantitative Analysis Lecture, Quantitative Analysis Lab, General Chemistry I, General Chemistry II, and CHEM 4299.

6/2003 – 3/2006 ***Southern Clay Products, Inc., Austin, TX***

Part of the $2.5 Billion a year Rockwood group of companies.

Market Manager, Composites Business

a. Increased sales of Garamite® Mixed Mineral Thixotropes into the thermoset composites and coatings markets from $2.5 Million/year to $6.5 Million/year.
b. Commercialized a new business segment for Cloisite® Nanoclays into Low Density Sheet Molding Compound Nanocomposites for Yamaha Jet Skis.
c. Lead a cross functional team comprising manufacturing, quality, R&D, sales, and customers which improved product quality and saved $1 Million/year in revenue.
d. Created and presented nanocoating and composite presentations, planned trade shows, wrote monthly business reports, and published quarterly communication bulletins.

4/2000 – 3/2003 ***ConocoPhillips, Houston, TX***

$57 Billion a year revenue global integrated petroleum company.

Strategic Account Manager, Carbon Fibers Business

a. Developed and implemented a strategic alliance plan. Lead cross-functional team comprising manufacturing, technology, and product and application development teams to form partnership with global leader in composite solutions.
b. Collaborated on design and implementation, and lead the Innovation Commercialization Process, a Stage-Gate™ process for driving new products to market. Prioritized market opportunities, allocated resources, and ensured that programs were aligned with strategic vision of business.
c. Worked collaboratively with market and product development teams to understand and specify requirements for products targeted in strategic applications: lightweight composites for automotive (BMW and Mercedes), fuel cells, carbon fiber reinforced concrete and asphalt.
d. Established toll manufacturing of wet laid nonwoven carbon fiber mat products for thermoset and thermoplastic resin systems.
e. Created product data sheets and presentations and worked with market communications group to plan trades shows.

12/91 – 4/00 ***Shell Chemical Company*** , ***Houston, TX***

One of the $135 Billion revenue a year Royal Dutch/Shell group of companies.

8/96 – 4/00 Market Manager, Polyketones Business

a. Lead business/technical teams that doubled volume in sales each year 1997-1998 and 1998-1999.
b. Developed and implemented marketing plans for electrical/electronic, consumer, appliance, and medical markets.
c. Managed market communications and branding activities of product, including product data sheets, brochures, case histories, trade shows and customer presentations.

d. Executed and managed distribution and licensed compound agreements, which were aligned with global supply strategy.
e. Worked collaboratively with customers to understand their needs, facilitated technical service and product development activities, and trained regional sales representatives.
f. Gained product qualifications and initiated sales at strategic accounts: Lexmark, HP, Tyco Electronics, Nalge, GW Plastics. Applications included automotive electrical connectors, laser printer gears, housings, and test tube racks.

12/91 – 7/96 Research Scientist, Polyketones Business

a. Developed new engineering thermoplastic polymers, aliphatic polyketones, into injection molding applications.
b. Developed nonhalogenated flame retardant and glass reinforced grades, and secured UL ratings for these compounds.
c. Fabricated compounds from lab scale to commercial scale and ensured that toll manufacturers were capable of producing specified compounds.
d. Developed higher temperature grades for surface mount technology in the electrical/electronic market.
e. Facilitated the promotion of 5 Technicians to the rank of Research Scientist.

CONSULTANTSIES

a. For Profit Organization, A. Schulman, Cuyahoga Falls, OH, United States. (2012).
b. KAI Inc., Austin, TX, United States. (2010 - 2011).
c. Trigon Armor, Ballistic Composite Formulations. (2009).
d. NaturalNano, Rochester, NY, United States. (2008).

EDUCATION (SELF-FINANCED 100% OF EDUCATION)

1987 - 1991 ***The University of Connecticut, Storrs, CT***

Ph.D. in Polymer Science, G.P.A. 3.7 of 4.0

Investigation of Polymer Process Monitoring Using Fluorescence Techniques

Advisor: J. T. Koberstein

Honors: Stephanie H. Shaw Scholarship, Research Foundation Summer Fellowship, Polymer Science Predoctoral Fellowship

1982 - 1987 ***The University of Akron, Akron, OH***

B.S. in Chemistry, G.P.A. 3.7 of 4.0

Honors: Chemistry Department Faculty Research Award, Lubrizol Foundation Scholarship, Outstanding Junior Class Chemistry Major (Akron Section, ACS)

PUBLICATIONS

a. Hotchkiss, S., Talley, K. G., Londa, M., Talley, A. B. (2019). Do I Belong in a Makerspace?: Investigating Student Belonging and Non-verbal Cues in a University Makerspace. Paper presented at 2019 ASEE Annual Conference, Tampa, FL, June 2019.
b. D. Holt, M. Snead, M. Mullen, J. Hu and M. Londa, “Evaluation of the Effect of Recycled Tire Rubber as Fine Aggregate Replacement on Concrete Properties,” *2015 International Concrete Sustainability Conference*, Miami, FL, May 11-13, 2015.
c. M. Snead, D. Holt, M. Mullen, M. Londa, and T. Jin, “Big Data Intelligence for Eco-Friendly Bus Routing: A Case Study” *Proceedings of the 2015 Industrial and Systems Engineering Research Conference, S. Cetinkaya and J. K. Ryan, eds*. Nashville, TN, May 30 – June 2, 2015.
d. X. L. Yin, H. Wu, M. Krifa, M. Londa, and J. H. Koo, “Flame retardancy of polyamide 6 nanocomposites: Synergistic effect between multiwall carbon nanotube, nanoclay, and

flame retardants," *Proc. SAMPE 2012 ISTC*, Charleston, SC, Oct. 22-25, 2012.

e. H. Wu, X. L. Yin, M. Krifa, M. Londa, and J. H. Koo, "Synthesis and Characterization of Flame Retardant Polyamide 6/clay Nanocomposites for Textiles," *Proc. SAMPE 2012 ISTC*, Charleston, SC, Oct. 22-25, 2012.
f. S. Bulter, G. Kim, J. H. Koo, M. Londa, and A. Wagner, "Flame Retardant Polyamide 11-Halloysite Nanotube Nanocomposites: Mechanical, Thermal, and Flammability Characterization," PROC. SAMPE 2011 ISTC, Fort Worth, TX, Oct. 17-20, 2011.
g. X. L. Yin, H. Wu, M. Krifa, M. Londa, and J. H. Koo, "Flame Retardant Polyamide 6-MWNT Nanocomposites via: Characterization and Processing via Electrospinning," *Proc. SAMPE 2011 ISTC,* Fort Worth, TX, Oct. 17-20, 2011.
h. H. Wu, X. L. Yin, M. Krifa, M. Londa, and J. H. Koo, "Fabrication and Characterization of Flame Retardant Polyamide 6 Nanocomposites via Electrospinning," *Proc. SAMPE 2011 ISTC,* Fort Worth, TX, Oct. 17-20, 2011.
i. J.H. Koo, S. C. Lao, Y. Kim, C. Lam, W. Li, T. Moon, M. Londa, and L. Pilato, "Morphological and Thermal Characterization of Carbon-Based Nanomaterials," PROC. INTERNATIONAL SAMPE 2011 ISSE, Long Beach, CA, May 23-26, 2011.
j. M. Londa, R. P. Gingrich, H. G. Kormelink, M. G. Proctor, "Development of Flame Retardant Aliphatic Polyketone Compounds", SPE 53rd ANTEC Conference Proceedings, 1995.
k. J. M. Machado, M. Londa, W. P. Gergen, "Rheological and Melt Processing Behavior of Aliphatic Polyketones", SPE 53rd ANTEC Conference Proceedings, 1995.
l. R. P. Gingrich, J. M. Machado, M. Londa, M. G. Proctor, "Filled and Reinforced Aliphatic Polyketone Compounds", SPE 53rd ANTEC Conference Proceedings, 1995.
m. J. E. Flood, D. H. Weinkauf, M. Londa, "Aliphatic Polyketone Thermal Properties and Polymer Morphology", SPE 53rd ANTEC Conference Proceedings, 1995.

PRESENTATIONS

n. NanoSummit, August 8, 2007, Texas A&M University, College Station, TX
o. Nanotechnologies, Commodities & Development, May 29, 2007 Rio de Janeiro, Brazil
p. Nanotechnology Colloquium, January 22, 2007, Austin, TX
q. Chicago Society for Coatings Technology Technical Symposium, November 10, 2005, Chicago, IL
r. New Polymer Technologies, May 1998, Philadelphia, PA
s. FRCA, October 1994, Rancho Mirage, CA
t. IUPAC International Symposium on Macromolecules, July 1990, Montreal
u. American Physical Society, March 1989, St. Louis, MO

PATENTS

5,486,594 Polyketone polymers as nylon tougheners.
5,684,117 Flame retardant polyketone polymer blends.

PROFESSIONAL MEMBERSHIPS

a. Society of Women Engineers (TXST Section Advisor 2019-current)
b. Cooperative Education and Internship Association (2020 – current)
c. American Society for Engineering Education. (2017 - 2020).
d. The Society of Advanced Materials and Process Engineers. (2010 - 2011).
e. The Society of Automotive Engineers. (1996 – 2003).
f. The Society of Plastics Engineers. (1987 – 1999; UCONN Chapter President 1988-1989).
g. The American Chemical Society. (1984 – 1987; U. Akron Chapter VP 1985-1986 and President 1986-1987).