



Belt Line

A publication of NIBA-The Belting Association

2019 NIBA Scholarships: And the winners are . . .

It is our great pleasure to showcase the winners of this year's Memorial and Presidential Scholarships. We had a near-record number of applicants planning to further their education. Our congratulations to the following recipients!

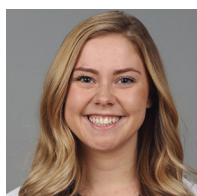
Memorial Scholarship



Caroline Nicole Byrd
(Precision Belting LLC)

Caroline is a student at the University of North Carolina, Chapel Hill. As a Girl Scout, she has earned Bronze, Silver

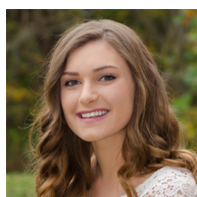
and Gold awards, logging hundreds of hours of community service-based projects. She is also part of a Guatemala mission team, tutoring and serving impoverished children in the country.



Emily Drake (Belterra Corporation)

Emily studies at the University of Calgary. She volunteers at The Ronald McDonald House, assisting at the front desk and

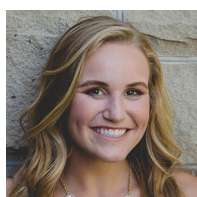
helping with events and activities. She is also a skier who enjoys instructing young female athletes, providing mentorship and facilitating player development.



Rachael Harmon
(PANG Industrial)

Rachael is currently studying Community Nutrition Education at the University of Dayton. She once shared

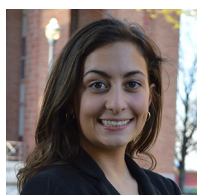
her knowledge about the importance of a healthy diet and regular physical activity with 25 fifth graders. She is a member of the Theta Phi Alpha Sorority, volunteering in the Dayton Community to fight homelessness. She has picked up trash, painted over graffiti, and handed out "blessing bags" to homeless people.



Hope Miller (Flexco)

Hope is an active student at Northview Public Schools. She served at God's Kitchen and joined a mission trip to the Dominican Republic,

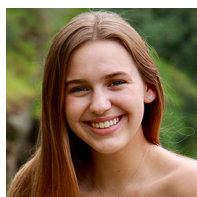
where she led bible studies and helped kids. She is also an excellent basketball player who has coached youth basketball athletes.



Annamarie DiGiacobbe
(Continental)

Annamarie studies at the Ohio State University. She's a dedicated assistant coach for Girls

On The Run, attending local middle school events every Tuesday and Thursday to teach young girls about healthy lifestyles. As the Senior Leader of St. John the Baptist Youth Group, Annamarie helped lead the younger students in completing activities. She has also joined different volunteering organizations, contributing to sustainable energy.



Jodie Whitley (Green Rubber-Kennedy AG)

Jodie is a student at Oakdale High School. She has served at ASB Leadership for four consecutive years, conducting

business meetings, approving donations and fundraisers, and putting on school-wide events. She was also the Vice President of the organization. She founded the Health and Wellness Club at her high school, honors community members for their dedication and manages school-wide activities that promote healthier lifestyles.

Continued on page 4

The 2019 NIBA Convention: Capitalize on Our Strengths

Brian Schachner,
2019 NIBA President

Now that we are in the middle of summer, the next big thing on our NIBA agenda is the 2019 Annual Convention at the Gaylord National Resort and Convention Center, Sept. 18-21. This resort facility is just a short car ride from downtown Washington D.C., with access to all the major monuments and museums in our Nation's Capital.

The Gaylord National has plenty of space to meet and greet old friends and make new ones, as well. There are several bars and restaurants at the hotel — and if these are not enough to suit your needs, there are multiple dining locations just a short walk out the front door.

Attendance this year is expected to exceed our previous Convention, so you won't want to miss out. Early registration ended in mid-June when we surpassed 425 registrants! The next deadline is August 15, when rates go up another \$100 per person. Register soon!

Thank you to our volunteer leaders

I would like to recognize the current Board and Committee members. These volunteers give their time and energy to do the work, alongside staff, in order

Continued on page 3

1204a - Elongation Properties of Heavyweight Conveyor Belts

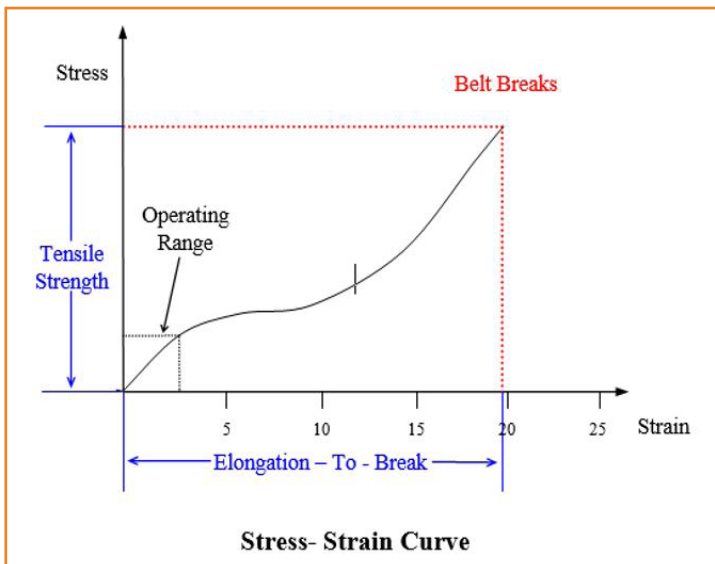
Edited by: Doug Gilg, Technical Manager, Conveyor Belts, Continental ContiTech Conveyor Belt Group

One of the most important parameters to understand when choosing a conveyor belt for an application is the system capabilities to absorb the length changes that occur in the belt due to its elongation properties. An understanding of these properties is key in selecting the right belt construction for successful operation in the system.

For conveyor belts, three (3) types of elongation are usually defined. Each are measured as a percentage of the original belt length:

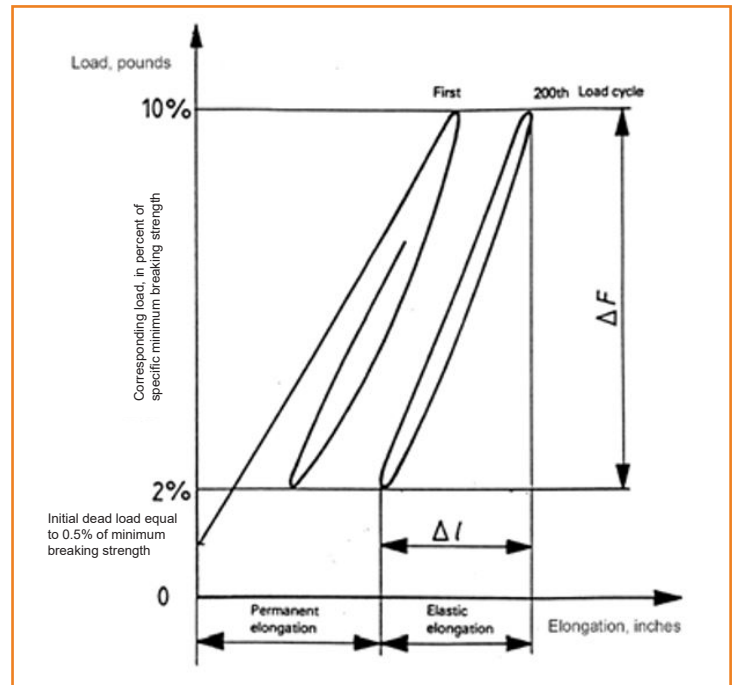
1. **Elongation at Break:** % the belt stretches before breaking
2. **Elastic Elongation:** % the belt stretches as it is tensioned (including loading)
3. **Permanent Elongation:** % of the belt length that does not recover after repeating loading cycles

A typical stress-strain curve is a single plot of stress (force) on the y-axis vs. strain (% length change) on the x-axis. For conveyor belts, the tension in the belt is represented by the stress while elongation is represented by the strain. In the normal operating range of the belt, the strain represents the elastic elongation of the belt. As the tension is increased beyond the normal operating tension, the belt will eventually reach its ultimate breaking strength and fail. This ultimate breaking strength (tension) required to break the belt divided by the normal operating tension is often referred to as the belt design or safety factor.



As the typical stress-strain curve doesn't define both the elastic and permanent elongation properties of a conveyor belt, the industry has adopted ISO 9856 to determine both. The standard defines a test that subjects the belt to a sinusoidal cyclic stress that varies from 2% to 10% of the belt ultimate breaking strength. This level of stress was chosen as it represents the typical working tension range the belt sees while in operation. The test repeats this loading and a graph is generated that shows the recorded load/elongation curve after the 1st and 200th cycles. From this graph, both the elastic modulus and permanent elongation can be determined.

Permanent elongation is the non-recoverable length change that occurs after a belt is subjected to repeated load cycles. As it is perma-



nent, it is expressed as a percent of belt length and must be managed through take-up design or removed during splicing. The full realization of permanent elongation can sometimes take months of running time, depending on the loading of the system.

As the elastic elongation in the operating range of the belt can be represented as directly related to the tension or load applied, the rate of elongation (slope of the curve) is expressed as the **elastic modulus**. This allows someone to calculate the elongation at varying levels of tension in the belt. Elastic modulus is simply the change in force (tension) divided by the percent change in length of the sample. If it takes 300 lbs of force to produce 1% elongation in a one (1) inch wide belt, then the elastic modulus is $300/.01 = 30,000$ lbs/inch of width (piw). The larger the elastic modulus, the less elongation the belt will see under the same tension. For example:

Belt Option	Elastic Modulus (piw)	Tension (piw)	Elastic Elongation (%)
1	30,000	900	3.0
2	75,000	900	1.2

Typical values for various reinforcement types

Reinforcement Type	Elastic Modulus (piw per ply)	Permanent Elongation
Nylon	6,000 – 12,000	1.0% - 2.5%
Polyester	10,000 – 50,000	0.50% - 1.5%
Fiberglass	20,000 – 50,000	0.25% - 1.0%
Aramid	50,000 - 300,000	0.25% - 0.75%
Steel	250,000 -3,000,000	0.05% - 0.12%

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President's Message from page 1

to keep our organization healthy and relevant. The committees met in person in March at the Gaylord National and our Board has met twice so far this year. For those of you who have served in either capacity, you know what it takes to be successful in these roles. So a very well deserved THANK YOU to our committee members! There was good discussion about a very busy first half of the year (renewals, training seminars, scholarships, and more) and we solidified our plans for strategic goals before the end of the year.

NIBA's Certification Program

One of those strategic initiatives is the ongoing development of our NIBA certification program. The goal of the program is to introduce a series of basic online tests that would take no longer than an hour to complete and would focus on topics like belt selection, fabrics and compounds, and safety. We believe that this basic level content can add value to the industry by helping employees learn belting basics before they attend more advanced trainings. Our volunteer leaders are working hard to develop the initial heavyweight and lightweight tests

(two each) and to reach out to some of our manufacturer members to discuss the program and the possibility to endorse, support, or require as a prerequisite for your own, more-advanced training programs.

New! NIBA Silent Auction

We're excited to present the Silent Auction, a new program taking place at the 2019 NIBA Annual Convention. All proceeds from this event will go directly to the NIBA Scholarship fund. (No more ticket sales for committee members!) The donation commitment deadline is August 1 2019, so please get in touch with our staff or a member of the marketing committee and let us know what you can donate to support this worthy cause. All silent auction donations will be featured in NIBA's silent auction mobile app, recognizing your organization's charitable contribution. The app reaches beyond Convention attendees, which means those of you who cannot attend this year will still be able to participate and possibly get the item you want. It will also help eliminate having to ship large items that are donated to the Convention. I encourage your company to get involved and help strengthen our scholarship program.

The Convention: Plan Ahead

As you look forward to September, please note that we are trying some new things with the schedule this year to take advantage of this special location. Most of these changes are not permanent as we continue to try and improve the conference for our members. The closing event this year is a prime example: we are trying a "Monuments by Moonlight" tour, an excellent opportunity to experience the monuments all lit up at night! Is this a little out of the ordinary for NIBA? Sure! But keep in mind that this is an opportunity we have not had in quite some time. Let's embrace our Nation's Capital and what it has to offer and have a Convention for the ages!

Also, for the first time, we'll offer two format options for the Golf Outing, held this year at the National Golf Club. Choose from either the regular scramble (Captain's Choice) format or select the Best Ball option if you prefer to play your own ball.

Check out our Convention page at NIBA.org for information on our optional paid tours and other free options available to you in the area. There is so much to do in D.C.!

Enjoy your summer and we'll see you in September! ●

Elongation from page 2

It is always important to obtain the elastic modulus and permanent elongation values for a given conveyor belt from the manufacturer as the values will vary significantly depending on the properties of the reinforcements used.

A required take-up example with different belt solutions shows the impact on long systems:

- **System:** 4,000 ft horizontal center distance; 1500 piw operating tension
- **Belt option 1:** Permanent Elongation = 0.8%; Elastic Modulus = 90,000 piw
- **Belt option 2:** Permanent Elongation = 0.1%; Elastic Modulus = 800,000 piw

- **Take-up required, option 1:** $1500 / 90,000 \times 4,000 \text{ ft} + 0.008 \times 4000 = 98.7 \text{ ft}$
- **Take-up required, option 2:** $1500 / 800,000 \times 4,000 \text{ ft} + 0.001 \times 4000 = 11.5 \text{ ft}$

Elongation is an important physical property of conveyor belting, influencing every aspect of operation within the system. Properly managing the elongation properties of the belt are critical in the design of the conveyor belt system and predicting the belt reaction to varying system tensions caused by geometry, startup/shutdown, loading changes, and take-up designs. ●



Membership at a Glance

The Numbers

Manufacturers	113
Distributor/Fabricators	136
Affiliates	12
Total members	261

Our Newest Members

- **Mimsan-Plastlink** (Belting Manuf.)
- **Sain Rosales Representaciones, C.A. (SAINCA)** (Distributor/Fabricator)
- **Inversiones Calpules S. DER. L. DE C.V. (Inverca SRL)** (Distributor/Fabricator)
- **Lovejoy** (Component Manufacturer)
- **Haggart Belting Canada** (Distributor/Fabricator)

Register for the 2019 NIBA Annual Convention by August 15 and save up to \$100 per attendee!

2019 SILENT AUCTION

To benefit the NIBA Scholarship Fund
Bid. Donate. Support.

To the highest bidder!

NIBA is requesting donated items or services for the NIBA Silent Auction, a new event that will be held during the 2019 Annual Convention. The Silent Auction benefits our scholarship fund which provides educational opportunities for children of member companies — the next generation of leaders in our industry! All silent auction donations will be featured in NIBA's silent auction mobile app, recognizing your organization's charitable contribution. For questions or to submit your donations, please contact silentauction@niba.org.



Executive Board held summer meeting in DC

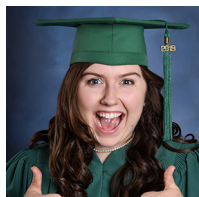
The NIBA Executive Committee recently held their June meetings (including a virtual Board meeting) in Alexandria, VA. The agenda centered on a review of the key performance indicators for the first half of the year, including targets for renewals and new members, performance of the Spring technical seminar program and an annual staff review. The Executive Committee's focus for the remainder of 2019 is on revenue growth and development of the certification program.



Register your teams for Technical Seminars

Registration is now open for the NIBA Fall Technical Seminars. Get the following dates on your calendar and register as soon as possible. Seats are limited. **Track, Train, Troubleshoot for Heavyweight Belting**, Oct. 15-16, Columbus, OH; **Key Principles and Best Practices of Lightweight Belting**, Nov. 4-5, Grand Rapids, Michigan; **Lightweight Splice School**, Nov. 6-7, Grand Rapids, Michigan. Register and find out more at niba.org.

Presidential Scholarship



Kyla McAvinue
(Habasit America)

Kyla is an outstanding student graduating from Archmere Academy. She is actively pursuing a college degree at Pratt

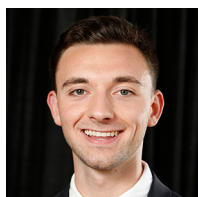
Institute. Kyla has served at Faith Victory Christian Center since her freshman year of high school, organizing and packing book bags and serving dinners at Thanksgiving for 500+ underprivileged children and individuals. She became the representative for Faith Victory at her high school, which was also her responsibility as a student ambassador.



Caroline Nicole Byrd
(Precision Belting, Inc.)

Caroline is a student at the University of North Carolina, Chapel Hill. She is engaged in social issues in the world and

dedicates herself in helping make the world a better place. She has joined the Guatemala Mission Team, raising hope for children in Guatemala.



Andrew Perz
(Habasit America)

Andrew has been serving as the Peer Minister for Service at the Saint Thomas Moore Newman Center, leading

talks on how to serve at church services. He is an active student pursuing a major in Philosophy at Ohio State University. He believes that studying philosophy makes him a better person. "As information becomes harder to sort through and rhetoric-laden agendas are thrown into our faces without rest, we must be able to cut through all the clutter so we can ensure the best possible future for everyone."

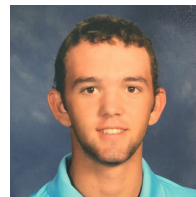


Kayleigh Lewis
(Advanced Flexible Composites)

Kayleigh is studying Biology at Washington University School of Medicine. Being part of both the Science

National Honor Society and the Math National Honor Society, she has dedicated her-

self to different tutoring events every week, while she gains further science experience.



Holden Tumlinson
(Eriks North America/
Rawson LP)

Holden is currently attending Texas A&M University. In high school, Holden learned

about refining processes, instrumentation, and environmental and safety regulation regarding the refining industry, which led to his choice of geography as his college major. He will be spending his summer interning at Bay Ltd. with the Tennessee Pipeline Construction Company, assisting with pipeline construction work. ●

COMMIT TO EDUCATION!

Contribute to the NIBA Scholarship Fund any time at niba.org/scholarships/contributions

Your company and your donation amount will be recognized at the NIBA Annual Convention.



Endless information at NIBA Heavy Duty Splice School

NIBA generated its most recent HD Splice seminar April 2-4 at the Almex Training facility in Atlanta. The focus of this event is to detail the science behind vulcanization and mechanical belt fasteners. Particular attention to the processes surrounding correct procedures on belt preparation for both step and finger vulcanization was the keystone of the class. Participants were instructed on best practices, then provided the hands-on opportunity to craft demo splices. Attendees were also introduced to the variety of mechanical belt splicing options concluding with a demonstration of a rivet style fastener installation.

For many, splicing belts is a frequent occurrence. For others, it is a foreign subject. NIBA's HW Splice School equalizes this contrast with consistent industry standard procedures, demonstrations utilizing safely orchestrated techniques, and tests of the final products. These three days of activity were consistently kept interactive, engaging the resources of the group from the most experienced to the novice. The result was met with very favorable evaluations.

These types of training seminars could not be made possible without the support of the NIBA Board of Directors, the NIBA Technical and Education Committee and, most importantly, the NIBA members who send their valued employee resources. Members like ASGCO, Mulhern, R/W Connection, AIT, RPM Inc, Blair Rubber, RAM Enterprises, and Beltco were instrumental in making this HD Splice School possible. And, a special thank you to Shaw Almex for their support allowing the event to utilize their training facility. ●



Flexco hosted sold-out Lightweight Training

NIBA's Key Principles and Best Practices of Lightweight Belting was hosted by Flexco in Grand Rapids, MI, April 30-May 1, and attended by 23 sales representatives, technicians, and customer service reps from belting companies across the U.S.

Trainers Beth Miller (Flexco), Steve Fournier (Motion Industries), Don Rabb (Chemprene Inc.), and Tom Archer (Vaughn Belting Co) presented four training modules, including hands-on demonstrations and tangible examples of the following topics:

- Basic Properties of Conveyor Belts
- Splicing, Custom Fabrications
- Conveyor Design, Trouble Shooting
- Industries and Applications

A site visit to nearby Uniband gave attendees the full, step-by-step demonstration of belt manufacturing, from start to finish.

The training provided a well-rounded learning experience for all members of the diverse group of attendees.. ●

Give to the Frank Klaene Memorial Fund

The Frank Klaene Memorial Fund was established to posthumously recognize the volunteer working members of NIBA. If an employee of your company recently passed, please let the NIBA office know so that they may be recognized.

Funds are generated through various fundraising activities and individual and company contributions. To contribute, go to niba.org > Donations > Frank Klaene Memorial Fund.

MEMBER-TO-MEMBER NEWS

News submitted by and for NIBA members

NEW PRODUCTS

In response to growing industry demand, **Habasit** is launching the first eight items in a new and improved belt line: Habasit Premium TPU food belts. These enhanced polyether-based belts offer four new features, each extending important benefits, particularly to customers running applications in the dry food industry: Elevated temperature resistance, improved hydrolysis resistance, reduced fraying of belt edges, and improved low wicking via reverse side impregnation. In order to fully meet all food belt application needs, Habasit has also developed a range of profiles and other auxiliaries with matching chemical resistance that can be welded to belt tops and reverse sides using high-frequency welding and hot air tools. The new range of Habasit Premium TPU food belts comes with matt, glossy and waffle surfaces in white and blue, at widths of 2400 mm.

Reveyron S.A.S., France, is currently setting up a new TPU calendering line, for the production of up to 3-meter lightweight conveyor belts. The high precision extrusion calendering machine uses state-of-the-art technologies with fully automated controls, guaranteeing highest productivity and first-class products. Together with the unique powder-coating line, these two manufacturing lines combine flexibility, versatility and an extensive production capacity, providing belting solutions for most demanding industrial applications.

Chiorino America announces a range extension in its state-of-the-art DET detectable range. The DET range can be detected in a much smaller size than most competitors products due to the more consistent dispersion of detectable material within the belt due to the production process. The ranges now includes: fabric, positive drive, round belts as well as accessories like: v-guides, sidewalls and cleats.

Chiorino America is pleased to announce the release of a new FDA conforming folder gluer belt range with highly abrasion resistant, elastomer covers - DG HS Food Grade. These products are in demand from paperbox makers for pharmaceutical companies and big name fast food companies.

Chiorino America is pleased to announce the release of three primary belts designed for the higher speeds of today's more modern distribution centers. The three belts are all built on the same carcass which features a low noise construction to compensate for higher sortation speed and is 30-50% stronger than most competitors with a similar flexibility. The fabrics are engineered for superior lace holding, but are also spliced easily if preferred.

ACQUISITIONS

Purvis Industries has acquired substantially all the assets, brand rights, websites, and intellectual property of Foresight Automation based in Fort Worth, TX. Foresight Automation is a strong independent systems integrator who has been in operation since 2000 and provides industrial control systems for discrete manufacturing through PLC and HMI designs, as well as for process automation, motion control and SCADA. They also offer a UL508A panel shop, onsite commissioning, custom machine building, robotic integrations and field service.

PERSONNEL

American Eagle welcomes **Ray Borup**, (QT Distribution LLC) as their newest manufacturing sales representative. Ray will be handling the South East including Ohio, Kentucky, West Virginia, Virginia, Tennessee, North and South Carolina, Alabama, Georgia and Florida. Ray has over 40 years of experience in our industry, with leadership positions in all facets of marketing and sales. He has extensive knowledge and capabilities in every aspect of bulk conveyance with special know-how in components and accessories. He currently serves on NIBA's

Shingle Belting celebrates 100 years

Independently owned and operated manufacturing companies are rare these days. Also rare are family-owned companies that have been in business for a hundred years. Shingle Belting is proud to celebrate a century of providing customers with quality, application-based belting solutions, and personalized customer service.

At its start, in 1919, LH Shingle was a leather tannery located in Camden, NJ. As time passed and synthetic belt styles entered the U.S. market, Shingle pioneered the development of oriented nylon core belting for power transmission applications. As a result of an array of additional new product developments, LH Shingle evolved into what is now Shingle Belting.

Rennie Keating and her father, Jack Keating, purchased the company over 40 years ago. Under their leadership, Shingle Belting expanded into belting products such as Rounthane and Veethane extruded profile belting, Polyflex flat thermoplastic belting, and Nycor nylon core belting.

The company continues to evolve, recently introducing Polyflex Drive positive drive belting, the Tren truly endless product line, and ancillary products such as quick melt belting. Their wide range of resins, engineered compounds, and time-tested manufacturing processes allow them to offer maximum belting performance. Shingle Belting offers a diverse line of products for a variety of industries that rely on their high quality, application-based belting solutions.

Everyone at Shingle Belting greatly appreciates the strong business relationships they have developed over these many years. They look forward to building on them well into the future.



WE WANT YOUR NEWS!

Send to staff@niba.org or complete the form at niba.org/members/submit-news



Jerrigan wins Rubber Ron Scholarship

NIBA congratulates **Mike Jerrigan** from **Triple H Specialty Company** for winning the Rubber Ron Scholarship during the spring 2019 3T Training session. Winners are selected by the instructors based on their perspective of the trainees and their involvement and interaction during the trainings. The sponsor company receives notification that their employee is awarded the scholarship, as well as a \$500 award back to the company.

Education/Technical Committee and is a Past President of NIBA.

Flexco recently announced several new additions to its force. **Jeremiah Hinds** and **Bill Tice** are on board as new Territory Managers. Hinds will be responsible for sales and distribution within the states of Texas and Louisiana. He comes to Flexco with more than 12 of experience in heavy duty conveyor belting. Tice will be responsible for sales and distribution in West Texas and the Oklahoma panhandle. He comes to Flexco with more than 27 years of industrial sales experience.

Kevin Kubota has been hired as the Regional Sales and Distribution Manager – Western U.S. and Canada. Kevin will provide leadership and coordination of Flexco Territory Managers in the Western Region of the United States and Canada.

Grant Rector joined Flexco in early February as Territory Manager. Grant will be responsible for sales and distribution for the states of Alabama, Middle Tennessee, East Mississippi and the panhandle of Florida.

Tim Brown has been appointed to the position of Regional Sales and Distribution

Manager, North America. Tim will provide leadership and coordination of Flexco Territory Managers in the Eastern Region of the United States and Canada.

Finally, **James “Buck” Dunn** joined Flexco in early May as a Territory Manager. Buck will be responsible for sales and distribution for the states of Oklahoma, Arkansas, Louisiana, and parts of Mississippi and Tennessee.

Midwest Rubber welcomes new Senior Product Manager, **Brett Sorenson**. Brett brings 30 years of conveyor belt experience to their customers and application team. Brett is not a new face at MWR, as he spent many hours supporting them as a representative from Habasit since 2005. When Brett isn't talking belting, hose and rubber you might find him on the ice as a USA hockey referee.

American Biltrite announces organizational changes within their sales and marketing team. **Frederic Guerin** will now assume the position of Senior Vice President Sales and Marketing, AB Canada. Over the past seven years Guerin has successfully grown the Industrial Rubber Division through innovative products and service. Guerin previously held the position of Vice President, Sales and Marketing for the Industrial Rubber Division and will now lead both the Industrial Rubber and Flooring divisions sales and marketing teams.

Scott Brazinski will assume the position of Vice President, North American Sales, Flooring division. Previously lead separately, both the Canadian and U.S. Regional Sales Managers will now report to Brazinski.

John Kronmeyer will become Vice President, International Sales, Flooring division, to support their growing presence in Europe, Asia and Oceania.

Chiorino America is pleased to announce the addition of **Michael Goodall** to the Chiorino America team as Midwestern Regional Manager. Michael joins Chiorino with more than 20 years' experience with industrial manufacturers and distributors.

RECOGNITION

Davis Industrial was among the first round of the 2019 Florida “Companies to Watch” finalists recently announced by GrowFL. The awards event, now in its ninth year, honors 50 select second-stage companies from throughout the state for developing valuable products and services, creating

quality jobs, enriching communities, and broadening new industries throughout Florida.

FACILITIES

Mulhern Belting has completed a 20,000 square foot addition to their Michigan City Indiana facility. This new addition is dedicated entirely to storage and slitting of their product line. The building features high ceilings, LED lighting and four slitters. They have the ability to slit 3-meter rolls down to the smallest widths. The main building is totally refurbished and dedicated to fabrication of light and heavy-duty belting. Other new equipment includes a longitudinal press, as well as other new light duty fabrication equipment. Mulhern Belting has also completed the installation of several new rubber fabrication presses in their Fairfield Ohio facility. ●

IN MEMORIUM

John Wardrop, former President of Sparks Belting

John D. Wardrop, age 82, of Grand Rapids, MI, former president of Sparks Belting and NIBA - The Belting Association, passed away on June 21, 2019.



He was a 1959 graduate of Dartmouth College and, for a short time, taught and coached basketball. John

spent almost 35 years with Sparks Belting Company, the last 22 years as its president, retiring in 2002. During his years at Sparks, John was an active participant in NIBA. He was President of the Association in 1987 and later became an Honorary Member. John loved the industry and its customers, he valued the manufacturers, enjoyed the business relationships, and respected the competition. Following his Sparks Belting career, he served on many local boards and continued to mentor other business leaders. John will be dearly missed by his family, many friends, and colleagues.



NIBA-The Belting Association
1818 Parmenter St, Ste 300
Middleton, WI 53562



NIBA Annual Convention — **NIBA'19** — September 18-21, 2019

Thank you to our sponsors!

Continental



Some of our favorite sponsorship opportunities are still up for grabs!

✓ Mobile App ✓ Convention WiFi ✓ Tossable Q&A Mics

RIGHT NOW! Contact Brittany Marsala Olson at bolson@niba.org or 608-310-7549 to reserve your sponsor opportunity!