

## Lyle Arnold Joins Impact Dakota

Lyle Arnold recently joined Impact Dakota as a Senior Business Advisor. He has over 20 years of experience in the manufacturing industry. Lyle started his career at an electronic circuit board manufacturer, Turtle Mountain Corporation, where he held titles of Program Manager, Production Control Specialist, and Supply Chain Analyst. He then moved to Goodrich Corporation where he held roles of Aftermarket Purchasing Analyst and Program and Operations Lead. Having worked with customers and vendors throughout the country, Lyle brings a lot of experience in supply chain management and operational excellence.



Most recently Lyle worked as Operations Lead at Collins Aerospace. Main point of contact for on-time delivery to both internal and external customers. Running daily and weekly meetings on a tiered approach. Main customer interface with military and commercial cargo airframes. Assisted and the managing of projects for new product introduction. Prepared and worked with team to supply daily and weekly updates to the customers both internal and external.

Lyle has experience in Lean manufacturing concepts and implementation. Lyle gained Lean practitioner level while at Collins Aerospace. He has been on several continuous improvement events and lead or Co-lead some. Lyle brings 4 years of AS9100 Internal Auditor experience. Lyle has a good understanding of operational environment and brings experience in value stream mapping, manufacturing and product flow.

Welcome Lyle!

## Manufacturing Day Celebrated across North Dakota

Governor Burgum declared October 7, 2022, Manufacturing Day in North Dakota. Various events have already been held across the state from Wahpeton to Dickinson and locations between. More events are still to come throughout the rest of the year.

MFG Day is manufacturing's biggest annual opportunity to inspire the next generation about the industry and careers in modern manufacturing. Over the next decade, 4 million manufacturing jobs will need to be filled in the U.S.

Congratulations North Dakota Manufacturers! We celebrate you every day!

Manufacturing Day

## MFG Virtual Meeting Series: Controlling Business Costs



This session will look at incentives and ways that manufacturers can control impacts to their bottom line.

### SPEAKERS

Dave Glennon - Eide Bailly, Partner/Manufacturing Industry Leader

Ron Webb - ND Dept of Tax, Supervisor, Sales & Special Taxes Compliance

Jane Wick - ND WSI, Loss Control/Special Programs Supervisor

MFG Virtual Meeting Info & Registration

## 16 Lead Generation Strategies You've Never Heard of that Generate Leads

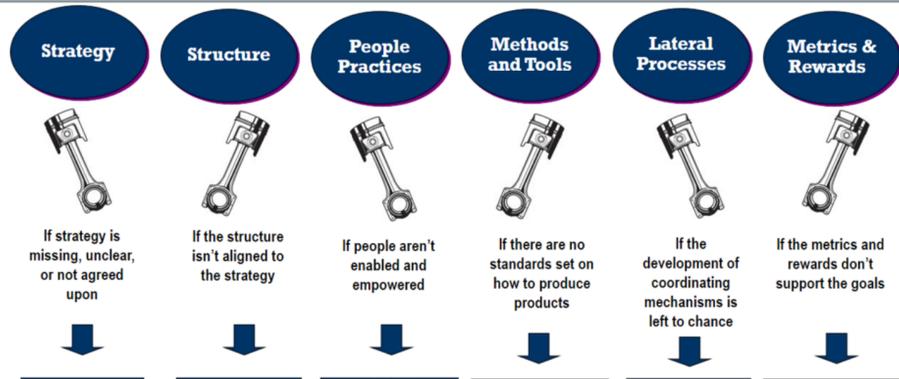


Generating high-quality, cost-effective leads continues to be one of the most important—and most challenging—tasks for marketers. There are an infinite number of digital platforms available to achieve this goal and you've probably tried them all...with somewhat mixed results. This session will give you a much-needed fresh take on lead generation—from attraction to conversion—with strategies that are proven to be successful within today's 24/7 digital landscape. You'll learn new ways to generate quality leads (not just quantity) that will align with any marketing budget.

Lead Generation Workshop Info & Registration

## Is your business operating at peak performance? Let us help you find out.

### The Straight6 Model



Our free Business Excellence Optimization Assessment helps check when your "engine", aka business, needs to be tuned; and diagnose the any issues and opportunities against the Straight6 cylinders: Strategy, Structure, People Practices, Lateral Processes, Methods & Tools, and Metrics & Rewards.

Please contact Gordon if you have any questions, or if you would like to take action on the Business Excellence Optimization offering.

PEOPLE + PROCESSES in alignment with Organizational Strategy = RESULTS

Learn how BisX can make a difference in your company!

## Manufacturers Identify Top Challenges They Expect to Face

The "challenges" blog is an annual tradition. We ask MEP Center clients to identify the top three challenges their companies face over the next three years. In the past, we've received responses from thousands of clients, providing us with insights into not only where manufacturing is, but also where it has been and, hopefully, where we're going. This knowledge can help guide our focus — in fact, the challenges that have grown the most during the past 10 years align with MEP's current programmatic focuses on workforce, supply chain and technology. Fiscal Year 2021's responses had a new frontrunner, a new top challenge by MEP clients — employee recruitment and retention. In fact, employee recruitment and retention has grown 29.8% as an MEP client challenge during the past 10 years, the highest increase for any reported challenge in the MEP survey.

Top Three Challenges

## Five Trends That Will Impact the Food Industry for Many Years

The Center for Innovative Food Technology (CIFT) and JobsOhio recently commissioned a business intelligence group, TEconomy Partners, to conduct a study on the current and future state of the food industry. The findings identified five large-scale trends, or themes, that are having a significant impact on the industry, whether you are in craft beer or dairy. The disruptive technologies span the entire value chain and will have impacts for many years. It's not just high-demand areas such as supply chain and cold storage where innovation is occurring, it's also happening in traditional unit operations found in legacy manufacturers and product categories. Learn more about the five long-term, impactful trends in the food industry.

Five Trends Impacting Food Industry

## Supply Chain Scouting System

Impact Dakota is partnering with NIST Manufacturing Extension Partnership (NIST MEP) and our nationwide network of 50 other MEP Centers across the U.S. and Puerto Rico to help solve supply chain gaps encountered by manufacturers, government entities, and critical service providers.

DO YOU HAVE A GAP? ARE YOU ABLE TO FILL A GAP?

— Open Opportunities —

- Pantless Liner Fabrics
- Razor Knife with Hook Blade
- Pulse Amplitude Modulated (PAM) Fluorometer
- 0.38 mm Polypropylene Card Materials
- Polyurethane Dice/Beanbag Balls
- PVC/Vinyl Mats
- TOC-L Total Organic Carbon Analyzer
- LDI ROW Non-Contact Oil Detector
- Inconel Pipe/Tubing
- Integrated System Thermogravimetric Analyzer
- Glass Bottles
- Ice Pack
- D5 Bell
- Plastic Handel for Bell
- Atomic Force Microscope
- Dicking Saw
- Cerium(III) Nitrate Hexahydrate
- TERGITOLTM L-64
- Silver Nitrate
- Hydrogen Peroxide
- Ethanol
- Poly(2-ethyl-2-oxazoline)
- Analytical Transmission Electron Microscopes
- Focused Ion Beam and Scanning Electron Microscopes
- Atom Probe Tomography System

- Miele Model PG8583 LD
- Semiconductor Furnaces
- Inductively Coupled Plasma Reactive Ion Etcher
- Wafer Bonder and Lithography Aligner System
- Field Emission Scanning Electron Microscope
- X-Ray Diffractometer
- Focused Ion Beam Scanning Electron Microscope (FIB/SEM) System
- High Resolution 110 keV Electron Beam Lithography Systems
- High Resolution Laser Mask Writer
- Reactive Ion Etcher for Silicon and Silicon-Based Dielectrics
- ICP Cryo RIE for Silicon and Dielectric Materials
- Electrical Static Chuck Based Single Wafer Deep Silicon Etcher
- ICP RIE for Etching Silicon with Hydrogen Bromide and Chlorine
- Mechanical Clamp Based Single Wafer Deep Silicon Etcher
- Automated Single Substrate Resist Develop and Chrome Etch System
- IAPSO Standard Seawater
- Paper Expandable File / Custom Printed Manilla Folders

Current Opportunities Details

**SINCE 2001...**



**\$425 MILLION IN NEW AND RETAINED SALES**

**\$115 MILLION IN COST SAVINGS**

**\$229 MILLION IN NEW INVESTMENTS**

**4,056 IN NEW JOBS CREATED OR JOBS RETAINED**

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