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THE EVOLVING WORKFORCE

DEAR READER

Welcome to the Fall 2019 Edition of HV Mfg.

Let me first take this opportunity to thank the dozens of organizations supporting this publication – and through it the Council of Industry and Hudson Valley manufacturing - with their advertising dollars. Without that support we would not be able to share with you the great things happening in this vital sector of the Hudson Valley economy. As you read through the magazine please take note of these generous supporters, a full index of which appears on page 50.

Manufacturing is always evolving and innovating. This edition looks at some of the people and companies leading that evolution in our region. In our Company Profile Alison Butler introduces us to Saugerties based Elna Magnetics. Elna is providing ferrite components that are essential parts of emerging technologies such driverless cars, medical implants and automation. Jennifer Clark is the subject of our leader profile. Jennifer began her career as a summer intern at IBM's Semiconductor Fab in Burlington Vermont and has risen through the ranks to become Director of Manufacturing Operations at Global Foundries Fab 10 in East Fishkill. She talks about that pathway, her leadership style and what it means to be a woman in this once male dominated industry. Alison Butler also profiles a team of young engineers at Pratt & Whitney in Middletown, each with their own unique background and education, who are working together to redesign their entire production process.

In other articles Serena Cascarano talks with a group of women about their careers in manufacturing to find out what drew them to the sector and what they like about working in manufacturing. Vincent Buonomo, Senior Program Manager and Instructor at RIT's Center for Quality & Applied Statistics (CQAS), writes that Lean Six Sigma training can help firms reduce waste, increase quality and build efficiency. With the Council of Industry's MIAP Apprenticeship Program gaining traction, Johnnieanne Hansen provides an update on the apprentices, companies and organizations working together to make it a success. And, we learn that Augmented Reality has become a key technology to bridge the gap between 2 dimensional data and the 3 dimensional world of the manufacturing sector.

This edition also contains a list of key resources for Hudson Valley manufacturers. From state and federal elected officials and agencies to economic development and educational organizations the resource guide provides key contacts that offer support to Hudson Valley manufacturers.

Thank you for your interest in Hudson Valley Manufacturing. I hope you enjoy this edition of HV Mfg.