

THE ESSENTIALS™

SHORT COURSES IN NONWOVENS

AN IDEA® PREMIER: LEARN THE ESSENTIALS TO MOVE AHEAD!

ONE TRIP, TWO EXPERIENCES:

While you're at IDEA®19, add value by immersing yourself in the country's premier educational series on nonwovens!

Making Nonwovens

Wet Wipes

**Absorbent Hygiene:
Diaper & Incontinence**

**Absorbent Hygiene:
FemCare & Incontinence**

Filter Media: Air

Filter Media: Liquid

THE ESSENTIALS OF NONWOVENS: BASICS IN KEY AREAS

If you're a product developer, marketing manager, technical sales or support professional, or someone who's new to the industry, here's an opportunity to get up-to-speed quickly on the essentials of nonwovens in key areas.

During IDEA®19, you can take advantage of INDA's new series of highly focused short-course learning opportunities covering these essentials. Newcomers seeking to learn the key elements of making nonwovens – and those with two years or more of nonwovens experience seeking enhanced knowledge of technical design and performance within absorbent hygiene products, wet wipes, and filtration media for air and liquid – will get more out of their IDEA®19 investment by taking one or more of these short courses.

Each course presents essential knowledge with on-point content. They're taught by leading industry and technical experts, from a most distinguished professor at North Carolina State University to accomplished veterans in their respective process.



SELECT YOUR TRACK AND SAVE \$100

when you start with the **Making Nonwovens** and add a **second course!**

CONSIDER THESE RECOMMENDED TRACKS

ABSORBENT HYGIENE TRACK

Making Nonwovens

**Absorbent Hygiene:
Diaper & Incontinence**

**Absorbent Hygiene:
FemCare & Incontinence**

FILTER MEDIA TRACK

Making Nonwovens

Filter Media: Air

Filter Media: Liquid

WET WIPES TRACK

Making Nonwovens

Wet Wipes

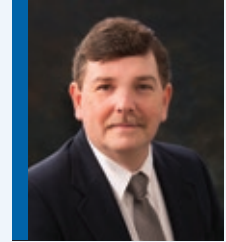
**TO REGISTER
SEE PAGE 13**

Making Nonwovens

For professionals who are new to the industry or need a refresher in nonwovens essentials: this 5-hour course teaches nonwoven processes and materials including the basics necessary to participate in other essential courses.

INSTRUCTOR

The course is led by **Jim Loftus, PhD**, Director of Education and Technical Affairs, INDA. An expert with more than 26 years of materials experience, the last 22 of which have been in building materials with Owens Corning. In addition to earning a BS, MS, and PhD in Polymer Science and Engineering from Penn State University, Loftus currently holds 17 US patents and has numerous patent applications.

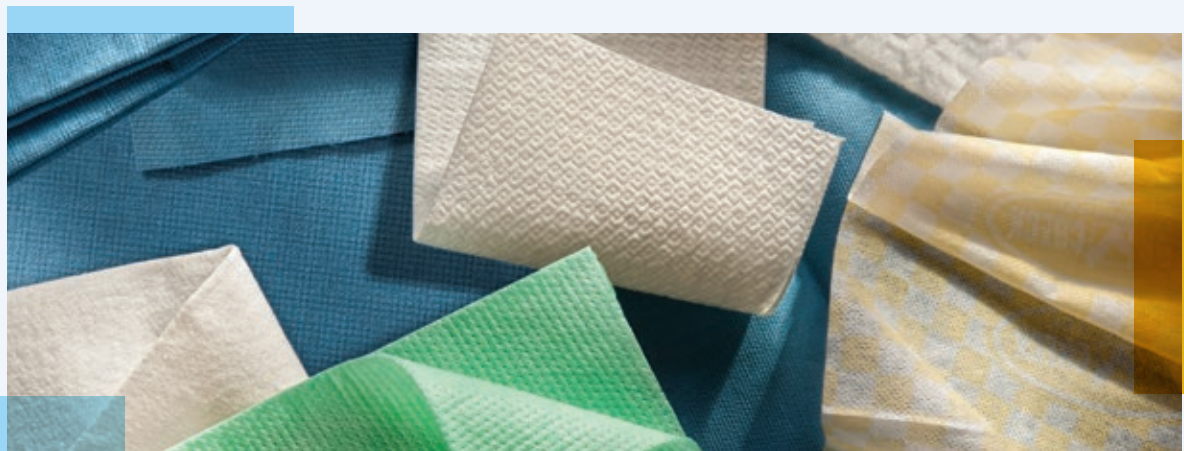


WHEN:

Monday, March 25
1:00 – 6:00 pm

FEE:

\$550 for INDA Members
\$600 for Non-members



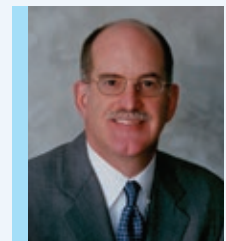
**GET MORE OUT
OF YOUR IDEA[®]19
INVESTMENT:
ONE TRIP, TWO
EXPERIENCES!**

Wet Wipes

Ideal for anyone competing in the multi-billion dollar wipes industry – including raw materials and packaging suppliers, brand and private label wipe converters, retail buyers, and product developers. The instructor will focus on the essentials of wipes design and performance including chemistry and packaging.

INSTRUCTOR

This informative course is led by wipes industry expert **Rob Johnson, PE**, Principal, Smith, Johnson & Associates. With more than 26 years' experience in the nonwovens industry, Johnson is a renowned leader in nonwovens, engineered fabrics, air-laid nonwovens research, equipment, process, product, and business development. Johnson holds BS and MS degrees in Mechanical Engineering from Virginia Tech and is a registered professional engineer in multiple states.



WHEN:

Tuesday, March 26
9:00 am – 12:00 pm

Wednesday, March 27

9:00 am – 12:00 pm

FEE:

\$400 for INDA Members
\$450 for Non-members

Absorbent Hygiene: Diaper & Incontinence

Gain a keen understanding of the components and functions of modern diapers and incontinence products, and their contribution to overall performance. You'll learn how and why they're assembled the way they are, and how to evaluate products to meet specific market and design criteria.

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WHEN:

Tuesday, March 26
1:00 – 4:00 pm

FEE:

\$400 for INDA Members
\$450 for Non-members

Absorbent Hygiene: FemCare & Incontinence

Receive technical instruction on raw materials used in the components of modern FemCare and incontinence products, their function, and how and why they're assembled the way they are. You'll gain an appreciation of the performance versus cost balance of components and regional differences in design and performance levels.

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WHEN:

Wednesday, March 27
1:00 – 4:00 pm

FEE:

\$400 for INDA Members
\$450 for Non-members

DID YOU KNOW THERE ARE MORE THAN 1,000 PATENTS FILED FOR DISPOSABLE DIAPERS AND THEIR COMPONENTS?



INSTRUCTOR

These courses are led by retired P&G Research Fellow **Terry Young**, developer of one of the first in-house material training courses (Nonwoven Technology: From Basic to Advanced) for P&G's baby diaper category. Mr. Young has trained hundreds of professionals from all levels at P&G, contributing to the success of disposable hygiene products.

FILTER MEDIA IMMERSION

Filter Media: Air

A fast-track course for professionals wanting to learn the essential performance fundamentals, testing and applications of nonwovens media in air filtration.

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WHEN:

Tuesday, March 26
1:00 – 4:00 pm

FEE:

\$400 for INDA Members
\$450 for Non-members

Filter Media: Liquid

Ideal for professionals wanting to learn the performance fundamentals and newest technologies in the development, testing and application of nonwovens media in liquid filtration.

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WHEN:

Wednesday, March 27
1:00 – 4:00 pm

FEE:

\$400 for INDA Members
\$450 for Non-members

INSTRUCTOR

This course is led by **Behnam Pourdeyhimi, PhD**, The William A. Klopman Distinguished Professor of Materials in the College of Textiles at North Carolina State University, Associate Dean for Industry Research and Extension in the College of Textiles, and Founding Executive Director of The Nonwovens Institute.

