



REFINING
SHORT
COURSE

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WELCOME

As the CEO of AOCS, I am delighted to welcome you to our 2024 short course, Edible Fats and Oils Refining: Basic Principles and Modern Practices.

We strategically bring in industry leaders and renowned experts, ensuring you have access to high-caliber instruction and engaging learning experiences.

As such, I want to thank our course organizers, Alan Paine and Roberto Berbesi, and our instructors for their valuable contributions, time, and expertise. We couldn't do this without you.

I look forward to seeing everyone this year in Montreal!

Sincerely,



Patrick Donnelly, CEO, AOCS



Edible Fats and Oils Refining

Basic Principles and Modern Practices



APRIL 27-28, 2024

Held before the AOCS
2024 Annual Meeting &
Expo and Sustainable
Protein Forum.



REGISTER HERE

Take advantage of early
bird pricing, available
until March 1, 2024.

Registration

Get a \$200 discount* on the annual meeting registration when you register for the short course.

Not a member? Join AOCS for \$209 to access incredible discounts, job opportunities, mentorship, member-only master classes, and more—worth over \$2,000.

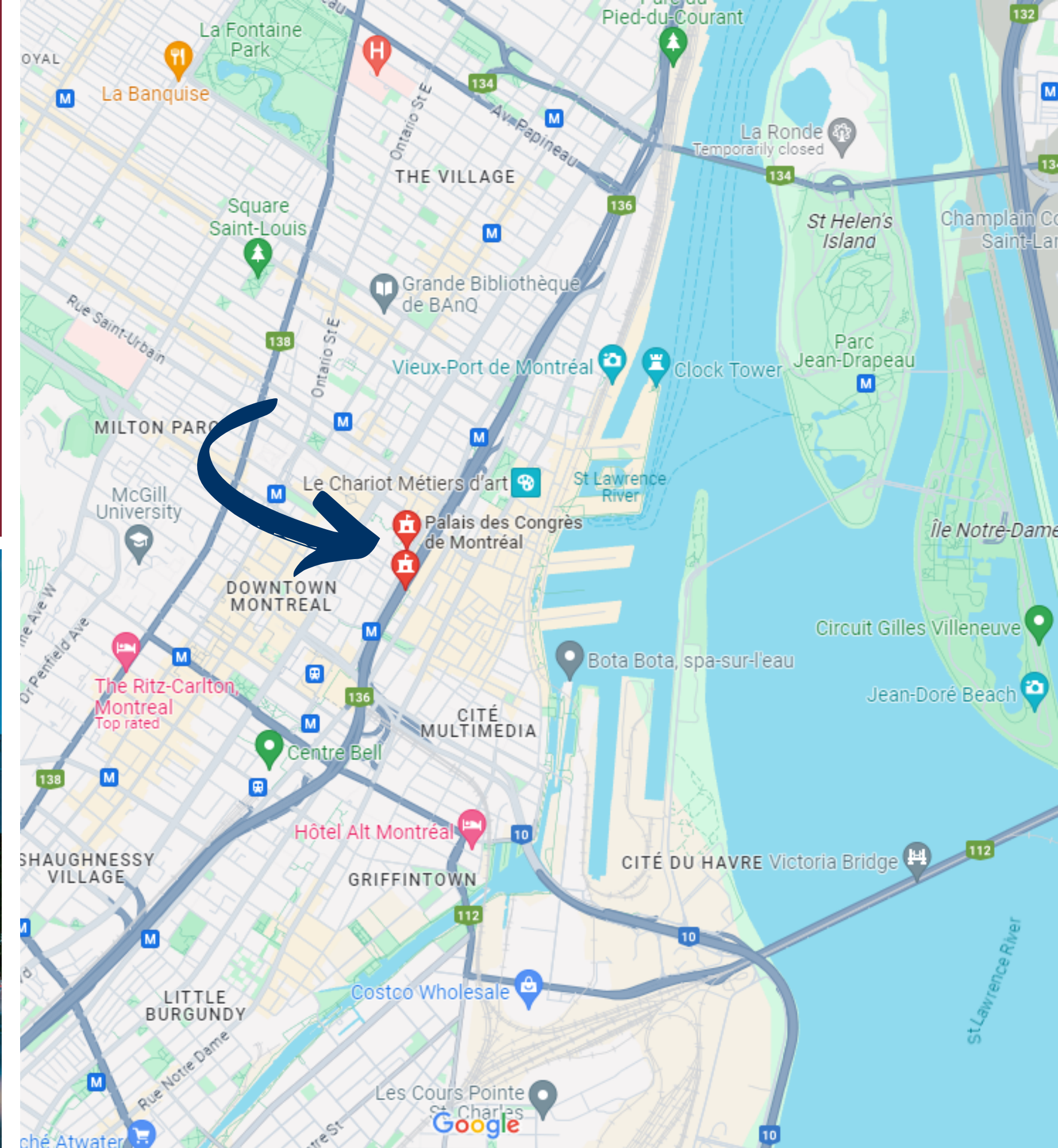
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		Best Value	
Early Rate Non-Member	Regular Rate Non-Member	Early Rate Member	Regular Rate Member
\$845	\$945	\$745	\$845
Receive \$200 off the ticket price for the 2024 AOCS Annual Meeting and Expo and SPF.	Receive \$200 off the ticket price for the 2024 AOCS Annual Meeting and Expo and SPF.	Receive \$200 off the ticket price for the 2024 AOCS Annual Meeting and Expo and SPF.	Receive \$200 off the ticket price for the 2024 AOCS Annual Meeting and Expo and SPF.
Register Now	Register Now	Register Now	Register Now
Important Dates:	Important Dates:	Important Dates:	Important Dates:
<ul style="list-style-type: none">✓ Early Rate ends March 1, 2024✓ Standard Rate ends April 5, 2024✓ Online Registration ends April 22, 2024	<ul style="list-style-type: none">✓ Early Rate ends March 1, 2024✓ Standard Rate ends April 5, 2024✓ Online Registration ends April 22, 2024	<ul style="list-style-type: none">✓ Early Rate ends March 1, 2024✓ Standard Rate ends April 5, 2024✓ Online Registration ends April 22, 2024	<ul style="list-style-type: none">✓ Early Rate ends March 1, 2024✓ Standard Rate ends April 5, 2024✓ Online Registration ends April 22, 2024

*The \$200 annual meeting discount cannot be applied to already reduced rates for retirees, students, and early career professionals.

Meet us in **MONTREAL**

This year's short course will take place in the Palais des congrès de Montréal, located at 1001 Jean-Paul-Riopelle Place, Montréal, QC H2Z 2B3.



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INSTRUCTORS



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JORGE
BELLO



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ROBERTO
BERBESI



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BLANKENSHIP



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KRESMAGUS



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DEMARCO



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BILL
YOUNGGREEN



Final presentation and closing
remarks by Michael J. Boyer

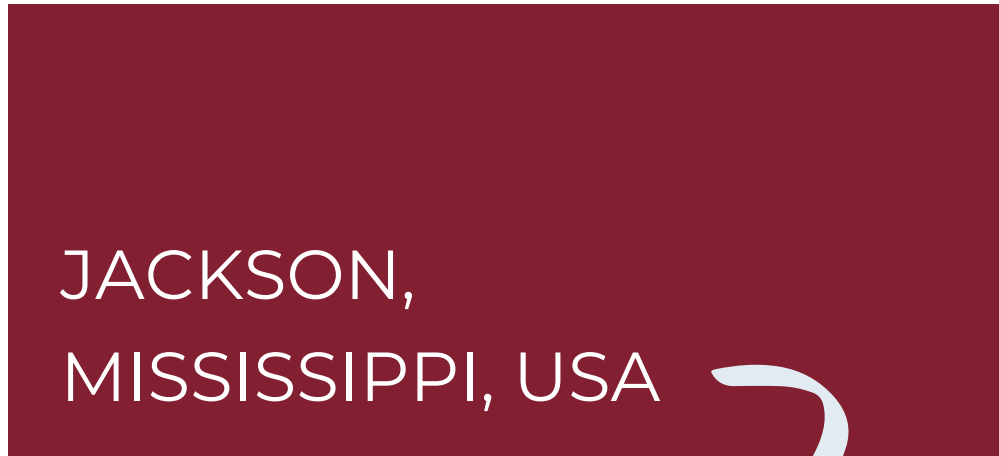
Where

DO OUR
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COME FROM?

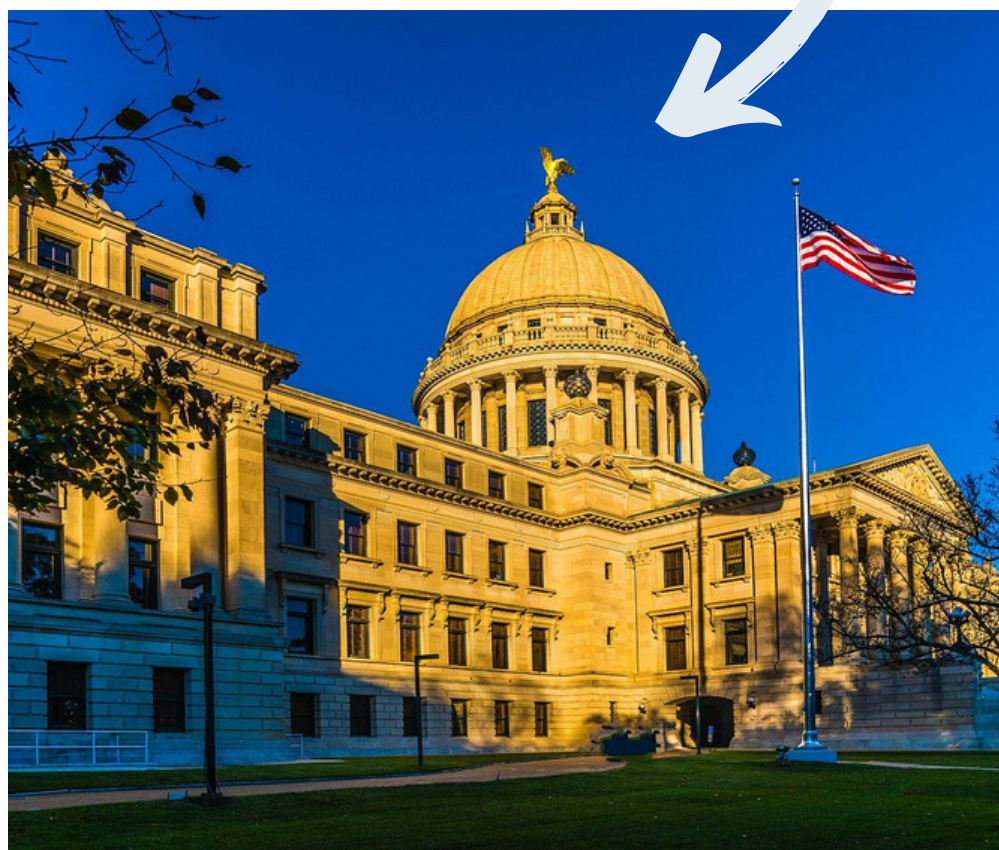
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MINNESOTA,
USA



JACKSON,
MISSISSIPPI, USA



CHICAGO,
ILLINOIS,
USA



QUINCY,
FLORIDA, USA



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GERMANY



AMSTERDAM,
NETHERLANDS



NAMUR,
BELGIUM



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LINCOLNSHIRE,
UNITED KINGDOM



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GERMANY

BUENOS AIRES,
ARGENTINA



ATLANTA,
GEORGIA,
USA

KONGENS, LYNGBY,
DENMARK



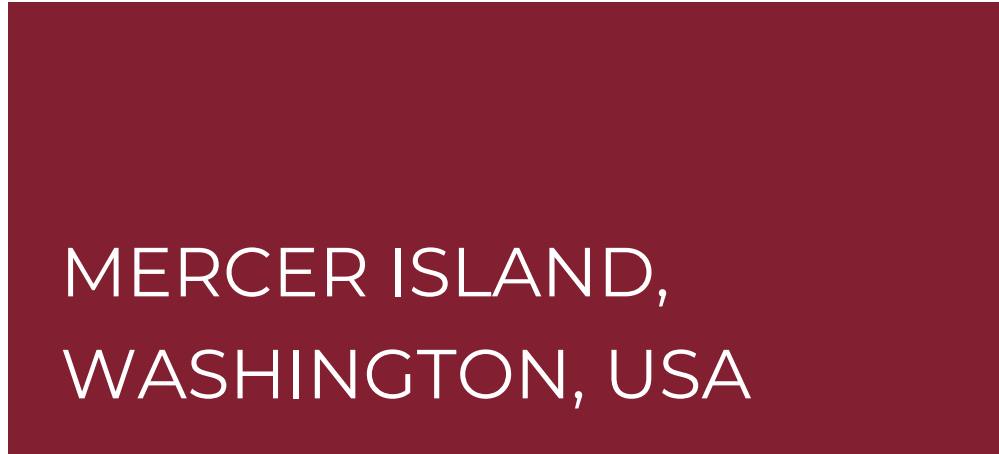
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MARIETTA,
GEORGIA,
USA



MERCER ISLAND,
WASHINGTON, USA



OAKVILLE,
ONTARIO,
CANADA



COUNCIL BLUFFS,
IOWA, USA





JORGE BELLO

Technical Support Manager
US Silica Corporation
Jackson, Mississippi, USA

Jorge Bello is the Global technical manager for the catalyst and adsorbents division at US Silica, USA.

He holds a BS in Chemistry with +25 years of knowledge in the field of clay adsorbents and their applications; during his career, he has been working in different areas as an R&D manager, Plant Manager, and Business Development manager.

Jorge is a coauthor in +4 patents related to clay processing and its applications. Currently, Jorge's responsibility is to assist his customers in optimizing their process in order to minimize cost.



ROBERTO BERBESI

Global Technical Lead
Oil Dri Corporation of
America
Chicago, Illinois, USA

Roberto Berbesi is a Chemical Engineer with 33 years of experience in fats and oils processing. He worked for 11 years in a multi-oil refinery where he gained first-hand experience in processing oils, such as Soybean, Sunflower, Palm, and Cottonseed.

Roberto has worked for 22 years with Oil-Dri, where he acquired deep knowledge of the bleaching process and Filtration in general.

More recently, he has been involved in the pretreatment of oils and fats for Renewable Diesel.

Roberto has been an AOCS member since 2001 and has spoken at several short courses and congresses for AOCS.



BRYENT BLANKENSHIP

Global Technical Sales
Manager Crush
Crown Iron Works
Blaine, Minnesota, USA

Bryent Blankenship is a technical sales manager at Crown Iron Works.

He holds a BS in Chemical Engineering from the South Dakota School of Mines and Technology.

During the past 7 years, he has worked on designing, sizing, and optimizing solvent extraction plants for oil seeds.



FAHMI KRESMAGUS

Application Development
Product Manager
Clariant
Quincy, Florida, USA

Fahmi Kresmagus works in application development as a product manager for Clariant. He graduated from Otto-von-Guericke University Magdeburg with a Master of Science (M.Sc.) in Chemical and Energy Engineering.

Fahmi is passionate about driving innovation at the crossroads of chemistry and market demands.

With a solid background in product management in the chemical field, Fahmi thrives on creating and bringing about novel approaches that turn obstacles into opportunities.



ANIBAL DEMARCO

Process Technology Manager
Oilseeds Preparation & Extraction
Desmet

Buenos Aires, Argentina

Anibal Demarco has 40 years of experience in the Crushing Oilseed industry and has been with Desmet since 1982. He is in charge of different extraction plant projects in Argentina and abroad, is a global technical consultant in crushing worldwide, and is the product manager for Desmet's South American region and crushing sector.

Among other special projects, Demarco was the key person in the strategy and design of the largest Solvent Extraction plant in the world of 22.000MTPD (soybean).

He holds a degree in Mechanical Engineering from the University of Buenos Aires.



VÉRONIQUE GIBON

Independent Consultant
Artemis Lipids by VG

Namur, Belgium

Dr. Véronique Gibon graduated from the University of Namur (Belgium), earning a Ph. D. in Chemistry in 1984. She started her career as an Assistant Professor at the University of Namur (Belgium). In 1995, she was hired as R&D Manager by the Belgian engineering company Fractionnement Tirtiaux. She later moved (2005) to the R&D Center of Desmet in Zaventem (Belgium), where she held the function of Science Manager until 2023.

She is now acting as a consultant with a specialty in edible oils process support and improvement and R&D – Refining, Fractionation, and Interesterification.

She is the author of numerous scientific publications and presentations on oils and fats and has been a member of the AOCS for many years.



GREG HATFIELD

Dir., Global Refining & Specialty
Ingredients Technology
Bunge North America
Oakville, Ontario, Canada

Greg has degrees in chemical engineering from the University of Toronto.

He has over 36 years of experience in the edible oils industry, both in R&D and operations.

Greg has worked in all aspects of oil processing with a variety of vegetable oils.

Over his career, he has been active in AOCS, both in the Canadian Section and Processing Division, and is currently serving as AOCS Treasurer on the Executive Committee.



ORAYNE KONDUR

Sales Engineer
Desmet
Marietta, Georgia, USA

Orayne (oh-rain) Kondur is a Sales Engineer at Desmet. He received his BS in Chemical Engineering from the Georgia Institute of Technology in Atlanta, GA.

He has nearly 8 years of experience in oil refining and fat modification, supporting customers in the USA, Canada, and Latin America.

Before his role at Desmet, Orayne started his career with Air Products and worked as a research assistant for the Georgia Institute of Technology.

He has been a member of AOCS since 2018.



RANDY KRUGER

Dir., Engineering Support
for North America, Crush
and Refining
Bunge

Council Bluffs, Iowa, USA

Randy Kruger is a chemical engineer with 40 years of experience in the edible oil industry, and his career spans contract pilot scale testing through production optimization and plant design.

Randy has completed work with various unit operations ranging from seed through deodorized oil and including enzyme degumming, interesterification, and hydrogenation processes. Most of Randy's experience has been with canola and soy, but he has also processed sunflower, evening primrose, borage, and others.



ALAN PAINE

Consultant
ARP Lipids Consulting
Horncastle, Lincolnshire,
United Kingdom

Alan Paine retired in 2020 after a long career with Desmet, specializing in edible oil refining, including sales, design, commissioning, and plant audits.

He now works as a part-time consultant for the US Soybean Export Council and others.

Retirement has allowed him to expand his interests, and in 2023, he published a science fiction novel.



BART SCHOLTEN

Group Business
Development Mgr.
Envirogren

**Amsterdam, Noord-Holland,
Netherlands**

Bart Scholten is the Group Business Development Manager at Envirogren Group, with a strong focus on the vegetable oil market. In his role, Bart focuses on growing the process filtration business, focusing on pressure leaf applications. Bart supports the sales team through development and coaching so they can provide optimal solutions for clients.

With 30+ years in the filtration of vegetable oils, Bart has held different technical and business development roles, including setting up the new standard for vertical pressure leaf filters.



PATRICK SCHÜRMAN

Product Mgr. Sales
GEA Westfalia
Separator Group GmbH
Oelde, NRW, Germany

Patrick Schürmann is a Product Manager of Sales at GEA Group within the Business Unit Separation focused on Oils and Fats Refining Applications based in Oelde, Germany.

He holds an M. Sc. in Chemical Engineering from the University of Applied Science in Münster and an MBA from the University of Münster. During the last 8 years he is focused on the product and solution development of separation products and solutions within the oils and fats industry with no particular focus on a region as he is responsible for the separation business of GEA within his application globally.



JENS SCHIENKE

General Mgr. Sales
JELU WERK Josef Ehrler
GmbH & Co. KG
Rosenburg, Germany

Jens Schienke has a degree in mechanical engineering. He has worked in various positions for more than ten years with mineral filter aids before taking over the General Manager of Sales position with JELU company.

JELU manufactures products made from natural fibers such as cellulose, food fibers, concentrates, and wood plastic composites. JELU processes renewable resources to obtain functional and versatile natural fibers.

As a general manager of sales, Jens is responsible for the market implementation of new products, such as Lignmocellulose filter aids, and the worldwide sales of JELU products.



MICHAEL J. BOYER

President
AWTMS
Atlanta, Georgia

Mike Boyer boasts a 45-year career in management, technical, and environmental consulting across industries, including agribusiness, biofuels, and rail transportation.

He has focused on wastewater, byproducts, environmental management, and process facilities design and loss control.

Mr. Boyer's innovative approach to process control and byproducts management has set industry standards, and he has played a pivotal role in mergers, acquisitions, and strategic planning in agribusiness.

His contributions extend to numerous publications and lectures on environmental management in oil processing.



**JOANNA
WAWRZYNCZYK**

Manager
Novonosis

Kongens, Lyngby,
Denmark

Joanna Wawrzynczyk is a science manager at Novonosis. She holds a PhD in Engineering from the Pure and Applied Biochemistry at Lund Technical University in Sweden.

During the past twenty years, she has been working with the development of enzymatic processes for various industries, such as water, wastewater pulp, and paper. She recently moved on to the oils and fats industry, where her main focus is biotechnological solutions for refining vegetable oils.



**BILL
YOUNGGREEN**

Regional Business Mgr.,
Oils & Fats Systems
Alfa Laval

Mercer Island, Washington,
USA

Bill Younggreen joined Alfa Laval in 2001 and has held various positions in their oils and fats business globally.

Currently, he manages their Pretreatment Systems business in the USA and Canada.

His experience is focused on oils & fats refining – from process engineering, equipment selection and design to installation and commissioning.

Bill grew up in Iowa and holds a B.Sc. in Chemical Engineering and an Executive MBA.

We will see
you in...
MONTRÉAL

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