From the President’s Desk

By Matthew Snyder

As my term as DVC president comes to an end, I am looking back with a critical eye on the successful activities that we have undertaken along with the opportunities for improvement. Of these observations there are a few that are worth noting specifically.

The education committee tried a new format for their sessions this year with a presentation conducted outside of the standard lecture hall setting. This allowed for informative knowledge sharing alongside interactive engagement with the subject matter. An event this past fall was held at a supplier site which offered a physical tour of the equipment and technology that was the focus of the presentation session. Look for more of this novel approach to delivering education content in the coming year.

Membership management both in terms of retention of existing members and attraction of new members is a constant topic of discussion across the ISPE affiliate and chapter leadership network. Within the DVC we find no exception to this. It is incumbent upon us as chapter leaders to constantly evaluate the activities that we undertake, staying aware of the direction of advancement in our industry, the topics that are most relevant to the challenges our members (and non-members) face and how ISPE can best respond in those areas. This is something that is recognized at the highest levels of the organization and some interesting announcements will be coming in the year ahead to address these concerns.

Locally we have assembled a promotional "Membership Roadshow" that communicates the services that ISPE offers and value of belonging to our organization. This effort is a simple table display that can be taken to industry related events or even company sites, along with some key membership committee representatives, to provide a basic education on the society and recruit new members. If you would be interested in having us come to your company site please contact any of the board members through the chapter webpage.

We did experience some growing pains around the Symposium & Exhibition event from which we underwent a comprehensive after action review and evaluation. There are a number of areas that we identified, or that were identified for us, where there is opportunity to improve the way we deliver this signature annual event. The first of which you will have noticed in the Chapter Board election. We have established a new committee dedicated to planning and execution of the Symposium event. I believe this will provide expanded authority to the team and is an opportunity to focus on improvement of the appeal of this event to our membership as well as the delivery of value to the sponsors and vendors critical to the continued success of our chapter.

As John Bournas and I announced at the Symposium & Exhibition event this past February, the ISPE Annual Meeting & Expo is returning to Philadelphia in November 2018. As the local host chapter, the DVC has already begun engagement with the planning committee for this event and is working to make this conference even more successful than the last one held in Philadelphia in 2015.

I hope you, our valued DVC members, have had a rewarding and productive year as I have. I plan to stay involved as our chapter continues to grow and fulfill the role the industry asks of us. Thanks for the opportunity to lead that charge for the past year and thanks to all those volunteers who worked hard to deliver on our vision.

Matt Snyder

If you have any comments, questions, or concerns about ISPE DVC, or would like to make a suggestion about future programs or topics, please feel free to e-mail me at matt.snyder@crbusa.com

Michelle Santoro
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ISPE Delaware Valley Chapter
tel.610.351.3874
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www.ispe.org/delaware-valley-chapter

The ISPE Matters Delaware Valley Chapter Newsletter is created by the Marketing and Communications Committee. For information on how you can contribute, please contact:
Habitat for Humanity Volunteering Opportunity

By Bob Hoemlein

On Friday, June 9, the Delaware Valley Chapter of ISPE lent their services to the Bucks County chapter of Habitat for Humanity. The DVC has been volunteering for this non-profit organization for many years.

With excellent weather, the volunteers enjoyed a good workday. The team consisted of four ISPE DVC volunteers, three Habitat supervisors, and one of the future homeowners. It is HFH policy that each future homeowner put in a certain number of “sweat equity” hours building their future home. The four ISPE volunteers were Eric Dicks, Naushil (Nash) Mehta, Toby Faber, all from The Mace Group, and myself.

Currently under construction is a two-story home at 428 Woodland Avenue, Morrisville, PA. The four bedroom, two bath home totals 1,800 square feet and includes a basement and a shed. The new homeowners have a handicapped son, so one bedroom is on the first floor as well as a handicapped bathroom. A ramp gains access to the house from the rear porch.

Previously, a home occupied the lot with a single elderly woman living in it. She passed away with no living relatives and the bank took possession of the home. They turned off the heat but left the water on. Pipes froze during the winter and filled the basement with water. Habitat acquired the property and had to demolish the house but reused the foundation.

Most of the team worked on rebuilding a shed in the rear yard on an existing cement pad. This was a very substantial shed requiring framing from the ground up, with a pitched roof. The rest of the team and myself, painted both sides of 13, six panel doors.

If you have an interest in donating your time, or would like to make a contribution to our ongoing support of this organization, please look for notices of future volunteer days. The next event will be in December 2017.

ISPE Student Chapter Engagement

ISPE DVC engages with active student chapters at the following institutions:
- University of Delaware
- Rowan University
- Villanova University
- Lehigh University
- And work through the student chapter of AIChE at Drexel University

Benefits and activities of engaging student chapters:
- Students receive notices relevant to all Chapter activities that they can participate in such as the Vendor’s Expo and the Career Fair.
- They are also invited to events to which students received free admission such as the annual Sino-American Pharmaceutical Professionals Society symposium.
- Career advising via email with members of the student chapters
- Over the past academic year, talks were given at University of Delaware and Rowan University.
- Members participated in a “resume review” at Drexel University for Chemical Engineering students.
- DVC also supported students through Future Cities, Montgomery County Annual Science Fair and Delaware Valley Science Fair.

If you are interested in helping with the Student Chapter initiatives, please contact Dennis Gross at dgross@padug disbelief.org or Emilie Pelletier at spelletierlaporteconsultants.com

2017-2018 Board of Directors

President
Danielle Reboni
Jacobs Architects
Executive Vice President
Kristina Pumphrey
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Michelle Santoro
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Sawyer Romich
Hargrove Life Sciences
VP Young Professionals
Lara Chin
Genesis Engineering
VP Communities of Practice
Eleanor Small
Johnson & Johnson
VP Student Advisory
Dennis Gross
PA Drug Discovery
Emilie Pelletier
Laporte Consultants
VP Symposium
Marvin Royal
STIQ America
Stephen Oroz
Spark Therapeutics

Education:
- November, Robotics

Other Industry Events:
- AIChE Oktoberfest, September 28 | Click here to register
- PA Conference for Women, October 3 – Stop by and visit the ISPE DVC Table!
- Delaware BIO Women in Stem, October 18 | Click here to register

2017 Fall Look Ahead

Upcoming Program and Education Events

ISPE DVC is well into planning exciting program and education events for our membership in the coming months. Keep an eye out for more information on what’s to come!

Program:
- October 12, Flex Lab Presentation and Tour
- November, Joint Event with Women in Pharma
- December, Annual Holiday Celebration…DVC’s 30th Anniversary!

Young Professionals | ISPE Night at the Phillies

By Sawyer Romich, PE

On April 27, the Young Professional committee sponsored “ISPE Night at the Phillies.” The event was open to not only young professionals, but also student members, and non-members of the Delaware Valley Chapter. In appreciation for their efforts, folks who had volunteered their time over the course of the past year were invited to attend the event with a plus-one for free.

Festivities kicked off with a 90-minute happy hour at the High & Insider Pub, an eatery inside Citizen’s Bank Park that received a 300-level, 1st-baseline ticket.

In the bottom of the third inning, fans were treated to a grand slam by Maikel Franco, and the Phillies posted a win in dominate fashion to conclude a highly successful networking event.

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24th Annual Golf Classic

By Mike DeBellis

This golf outing marks the Delaware Valley Chapter’s 24th Annual Golf Classic held at the Philmont Country Club in Huntingdon Valley, PA. We had a beautiful day at Philmont, thanks to the Golf Gods who have smiled upon us this year.

Once again, our golfers were treated to a door prize with a new twist. Our Philmont Golf Pro, Mickey Szkakita and his staff, handled each of them to everyone out on the course due to a slight glitch with FedEx. Thank you, Mickey.

Prior to our shotgun start, golfers were able to enjoy the Philmont’s lunch buffet. The practice areas were also available to those who allowed enough time to get warmed up and work out the kinks at a bit on the driving range and putting areas to prepare for the challenges that lie ahead at out on the Philmont North Course.

This was another banner year for prizes and awards thanks to all our generous sponsors who continue to support our outing. They really make our outings great each and every year. This year’s Hole-in-One sponsors were Brydges Group who provided us with a chance to win a glorious trip for two to the historic St. Andrews and Balhousian Environmental Specialties who provided us with a shot at winning a two year lease to drive a 2017 BMW 430 Grand C. This also included prizes for all Par 3 hole-in-ones and consisted of Round Trip Airline Tickets, $500 in golf apparel, and a set of Callaway XR OS Irons. Unfortunately, you guessed it, no one had a hole-in-one on the course, but there is always next year.

Our Refreshment Cart Sponsor was M+W Group and the Refreshment Table Sponsors were:

- Envoya Water Technologies
- Garvey Group
- Herman Goldner Co., Inc.

Trophy Sponsors were Bellmed Inc. and Wick, Fisher, White.

This year we were photographed by our DVC President Elect Danielle Vassalotti Rebori. Click here to see the photos.

Congratulations to all of this year’s winners, including the winners of this year’s highest scores, who shall remain nameless (Bill, Pete, Brian, and David). That’s all I’m saying. Just remember, there are no losers at our golf outings!

We employ a flighted scoring system and this year’s winners are as follows:

- Flight A or First Place went to: Matthew Hibshou, Luis Isernia, Indr Singh and Mike Canavale with a score of 62. (One better than their last year’s scores.) That’s two years in a row for Matt and his team.
- Flight B or Second Place went to: Dan Garback, Ilan Goldner, John Pancra, and Dan Stalheim, with a score of 67.
- Flight C or Third Place went to: William Decker, Jack Chu, Mike L., and Todd R. with a score of 70.
- Closest to the Pin prizes were won by Ken Blankenship, Fran Zane, Bill Louden, and Bob Dink.
- Longest Drive winners were Travis Peck and Marissa Gregory.

Inside the Philmont’s banquet rooms the party continued as everyone enjoyed the open cocktail hour and hors d’oeuvres while chatting with friends, colleagues and clients. The dinner buffet included pasta, the “Incredible” seafood bar, carved meats, and a dessert bar. Philmont Country Club also provided us with our ISPE ice sculpture at the raw bar (chose huge shrimp are amazing!) It looks like we will have to update that ice sculpture for next year’s outing. Certainly a milestone for our Chapter.

After dinner, our chapter

Advertise in ISPE Matters

President, Matt Snyder, greeted our members and years truly presented Matt with his very own Presidential Putter. This has become quite a tradition for our outgoing Presidents. It’s a token of our appreciation for their hard work and for continuing to meet the challenges of running our chapter, performing the many duties required of them as President serving the members of the Delaware Valley Chapter throughout the year.

This year our Tes and Green Sponsors were strong and a special thank you to all of them as well. To all of our sponsors, on behalf of everyone on the DVC Board of Directors, the programs committee, and our golfing members, we sincerely thank you for your continued support not only at our golf outing but all of our programs throughout the entire year.

Special thanks go to Susan Paden, our chapter manager, for all her hard work with registration and signing golfers up, and helping me keep track of everyone. Also thank you to all the many volunteers who helped with registration, handing out giveaways, setting up trophies, hole-in-one judging, and countless other little details. I thank every one of you for your time and contributions to the outing, we couldn’t do this without you.

Upcoming Events

Mark your calendar for the GSK Flex Lab Project Tour on October 12, 2017 from 5:30-8pm | Click here to register.

Panel Discussion: A Biosimilar Snapshot, Current Issues & Challenges

April Program Event Summary

ISPE DVC and PA Life Sciences put on a joint event with a panel of industry experts to discuss current issues and challenges for biosimilar products. The panel consisted of Hillel Cohen, PhD – Sandzax Biopharmaceuticals; Dave Picard – AmerisourceBergen; Michel Ulte – Ulteomit Bio Consulting; with Dennis Gross – PA Drug Discovery Institute as Moderator. The presentation started with a brief introductory overview that addressed basic facts and common questions on the biosimilar industry. The panel then went into discussing the current state of the biosimilars markets with a look at what companies and products are currently in the marketplace and the barriers to launching a biosimilar product. The challenges faced due to the infancy of policy, regulatory rules, and the education of doctors and patients. The team concluded that they see a bright future for biosimilars and are excited to see what lies ahead.

From left to right: Dennis Gross, Hillel Cohen, Dave Picard, Michel Ulte
The 27th Annual Symposium & Exhibition

February Program Event Summary

For the second year the Symposium & Exhibition, hosted by the Delaware Valley Chapter of ISPE, was held at Lincoln Financial Field. In its 27th year, the Chapter still continues to see annual growth. As we always look to add more value for our members, vendors and attendees, a few changes and additions were incorporated; a full Career Fair, increased the overall event time, added more education options and an After Party.

We enjoyed great weather, as February tends to be risky in Philadelphia. Attendance was consistent with the previous year, while we increased our exhibitors to over 120! 2018 ideas include the possibility of providing shuttle buses to and from strategic locations outside the city. This would allow our suburban friends an easier alternative to attend without the stress of driving in. Catch up on your email or chat with your colleagues on the ride in. Please keep an eye out for updates and announcements.

The career fair was a success and will be improved in 2018 by routing all attendees through this area on their way to the exhibition hall. The day’s exhibit floor schedule will return to previous years, starting later in the day. This format will compress all activities and create a much busier exhibit hall.

We will continue with a great After Party in 2018, but it will be within the exhibit hall so attendees will not need to relocate.

Save the Date: 28th Annual Symposium & Exhibition

Thursday, February 1, 2018 | Lincoln Financial Field

Please join us for the 28th Annual Symposium & Exhibition on Thursday, 01 February 2018. We moved the date a week up because our friends at the stadium are confident the Eagles are going to the Super Bowl this year and wouldn't want our event to conflict with the celebrations! We are proud to host the oldest vendor exhibition event in the ISPE community.

Please visit our website here for updated information as we get closer to the date.

Young Professionals Committee Career Fair

at the Annual Symposium

The Young Professionals Committee hosted a Career Fair as part of the 27th Annual Symposium & Exhibition at Lincoln Financial Field. Local companies in the pharmaceutical industry were invited to claim a free table, offer brochures and giveaways, and ultimately make connections with quality candidates. The industry was well represented primarily by engineering consultants, automation vendors, and staffing firms, and job-seekers ranged from seasoned professionals exploring new opportunities to graduating college students looking for their first job. Feedback from the employers was that quality of candidates was high although traffic was generally light. For future Symposia, plans are in the works to improve visibility to the Career Fair and build on the successful connections that were achieved.

DVC & NJ Joint Program: A Shutdown Case Study

June Program Event Summary

ISPE DVC and NJ Chapter put on a joint event in June. Joseph Tyksa, HCM Facilities Associate Manager at BMS in Hopewell, New Jersey, gave a presentation on a recent shutdown case study. The Hopewell Clinical Manufacturing Site produces 60% of the BMS Biologics clinical pipeline and shuttows at the site are only possible every 18 months. Joseph presented on the latest shutdown in May 2016. The shutdown team was able to compress the schedule from 12 weeks to 7 weeks and implemented $4.3 million in capital and expense projects. The shutdown effort was a success and was able to double manufacturing capacity, made significant safety improvements, increased reliability and reduced environmental incidents by 70%.

ISPE DVC goes to INTERPHEX

On March 22, 2017, the ISPE DVC chapter invited members to take advantage of free transportation to the INTERPHEX conference at the Jacob K. Javits Convention Center in New York City. DVC would like to thank IPS, especially Larissa Esposito, for their efforts in organizing the trip.

We were happy to welcome 26 members. The bus departed promptly at 7:30am from IPS Office, and arrived at INTERPHEX at 9:30am. Per Bill Dugary of Applied Control Engineering, “What a convenient way to get a full day at InterPhex. The opportunity to network with fellow ISPE members is there as well as a relaxing drive – not to mention the refreshments and snacks. The bus lanes and door to door service maximize the time available to see the Exhibition. I would highly recommend this way of planning your next InterPhex.”

At the end of the day, the bus left promptly at 5:00pm to arrive back to Blue Bell at 7:00pm. ISPE DVC hopes to provide the same service and to see even more members next year!
Member Milestone Anniversaries
As of August 4, 2017

30+ Years
Steven J. Wisniewski
CAI Consulting
Ralph A. Blackmer
Vector Hanna
Peter T. Bigelow
XCell Strategic Consulting, LLC
Stephen M. Balaban
Bio & Eng Consultants
James J. Delcorame
AstraZeneca Pharmaceuticals
William J. Garvey
Garvey Corporation
Ernesto Renal
IMA Life North America Inc.
John E. Pielas,BS
Emerson Process Management

Richard J. Zinkowski
Arch L. Chawla
AV Solutions
Mark E. Rezac, PE
IPS
Joseph T. Busfeld
Pharmaceutical Technical Services
William J. Dugary
Applied Control Engineering Inc.
Nancy L. St. Laurent, CPP
St. Laurent Consulting
William O. Downre
AstraZeneca
Hugh W. Netti
AZO Inc
Nicholas H. Crist
GlaxoSmithKline
Mary H. Meslar
Meslar Consulting, LLC
Dr. Gamal I. Amer
Dr. Gamal I. Amer
Richard F. Newmiller

30 Years
Dr. John H. Parker, PhD
Tech Manage Associates, Inc.
William R. Brydges
Brydges Consulting
Norman C. Koller
CEBC Inc.
James W. Tomlinson
John A. Ververelli, PE
Dimitri J. Ververelli Inc.
Richard A. Davis
Girton Manufacturing Co Inc
Lawrence C. Tiboldi
Merck & Co
James Banafato
Mancel Associates, Inc.
Louis A. Angiulli, III
Consultant
Murray A. Sterling, PE
Precis Engineering, Inc.
William B. Wiederseim
PharmaBioSource

James J. Solomito
Jeffrey Merring
Janssen Supply Group, Division of Johnson & Johnson
George E. Allen, III
West-Ward Pharmaceutical Corp
Robert J. Urban
Pharma Improvement Partners
Miguel A. Salinas
Genesis Engineering Inc
Lou S. Schmulker
Brazil-Myers Squibb
Jenny N. Wong
AstraZeneca Pharmaceuticals
John S. Holton, PE
Lane M. Satter
G&W Laboratories Inc
Kenneth S. Kovacs
Fujirebio Diagnostics, Inc.
Stephanie A. Wilkes, PE
PharmaConsult US Inc
William H. Schipper
Lee Industries Inc
Gregory A. Wharton
Lee Industries Inc
William H. Cagney
Janssen Supply Group, LLC
Michael J. Leader
SNC-Lavalin Project Services Inc
Anthony M. Blandin
Egalet Pharmaceuticals
Fred DiPasquale, PE
Sharp Packaging Solutions
Ray Glemser, II, PhD
Glemser Technologies Corp
Kevin C. Martin
Azzur Group LLC
J. Richard Orton, Jr

Member Milestone Anniversaries (cont.)
As of August 4, 2017

25 Years
Dr. Ferdinando E. Aspesi
Bridge Associates International LLC
Paul M. Whitby
Pfizer, Inc
Charles W. Stock, CxA
Strategic BioPharm Consulting LLC
Edward H. Trappler
Lyophilization Technology, Inc.
Daniel G. Lachapelle
M+V Group

Vincent J. Gebular
IPS
Elliot W. Adolf
Jacobs Engineering Group Inc
Charles A. Johnsrud, RA
Johnsrud & Associates Architects LLC
Peter J. Tubulino
Siemens Building Technologies Inc
Mary F. Cooke
Corden Pharma Colorado
Michael Yacuboski
Sanofi Pasteur
David M. Marks, PE
DME
Howard E. Bentzel, II
Robert A. Tipton, BSChE; MSCN Retired
Richard A. Aspesi
BPA Associates Inc
Armando Cortes
AIA Pharma Services
Daniel L. D'Aquila, PE
GlaxoSmithKline
Michael T. Ball
Charles River Laboratories
Dr. Ernest L. Kelly, PhD
NabHiva Therapeutics
Dr. Dennis M. Gross, MS, PhD
Pennsylvania Drug Discovery Institute
Cory C. Kunkle
CECS, Inc
Carl E. Holden
Arcus Design Group- Architects, Inc.
Randall C. Minto, PE
GlaxoSmithKline

William J. Mullen
Johnson & Johnson
Jack C. Chu, PE
Commissioning Agents
Joseph Colamaria, Jr.
Precision Cleanrooms
Carl R. Matters, PE
Robert A. Dick, Jr.
Precis Engineering, Inc.
Edwin E. Flagg
IPS
Stephen M. Hall
Genesis Engineering Inc
Charles F. Caltrit
Pfizer
John B. Eshleman
Conium International
Stephen J. Heidel, BSME Patheon
Albert M. Cincipriano
Pfizer
Frank J. Davidowski
David R. Melick
Precis Engineering
Bernard J. Carroll
Genesis Engineering, Inc.
Mark Rodenberger
ALMAC
John K. Taglang
GlaxoSmithKline
Andrew V. Haines, PE, PMP
IPS
Edward P. Tefft
CRB
John J. Burke
McNeil Consumer Healthcare
Brian K. Smith
SKAN, US Inc.

Also connect to us on Facebook:

And Twitter:
Member Milestone Anniversaries (cont.)
As of August 4, 2017

Curtis R. Firestone
CRB

Michael Peter DeBells
Jacobs

William D. Egan
Merk & Co

Thomas D. O’Connor, Jr.
Merk & Co

Russell R. Booth, Jr.
Elizabeth-Hata International

Keith F. Gallion, PE
CRB Consulting Engineers, Inc.

John S. Dinka
West Pharmaceutical Services

Rose Mary A. Dollard
Johnson & Johnson Regulatory Compliance

Daniel H. Septak
Lannett Company Inc

Kevin L. Koffke, PE
AES Clean Technology, Inc.

Edward J. Tannebaum, AIA
Strategic Planning Initiatives, LLC

Terry A. Jacobs, AIA
JacobsWyper Architects

Tim A. Gaffey
IPS

Brian J. White
IPS

Michael S. Rooney, BSME
Genesis Engineers Inc

Sean P. Illy
Sanofi Pasteur

John M. Weaver
Lee Industries Inc

Mourw W. Azar
Automation & Validation Solutions Inc

David W. Coyle
AstraZeneca Pharmaceuticals

Kwame B. Duffuor
Duffuor Pharma Services

David L. Milligan
Getinge LaCalhene USA

Michael C. Pellegrino, AIA

Michael C. Bil
Advanced Vision Research

John G. DiCosta
GlaxoSmithKline

Matthew R. McEnamin
GlaxoSmithKline

Thomas L. Bryant
Sanofi Pasteur

Kate Townsend
Consultant

William J. Mullin
Keystone Compliance Partners

Philip R. Lyman, PhD
CRB

Michael C. Politi, PE
SNC-Lavalin

Paul N. Schank
Spark Therapeutics, Inc.

Gary A. Nienaber
IPS

John R. Daly
Noramco, Inc.

Gregory J. Sam
GSam Consulting LLC

Wayne DeNardi, BSME

Jane Hillcock
Sanofi Pasteur

Joseph C. Loscalzo
FW Webb

Eric H. Bohn
JacobsWyper Architects

Donna A. DeFreitas
Vanderwell Engineers

Brian G. Sherry
Jansen Pharmaceutical

Michael Morley
New England Controls Inc

Vrudh M. Shah
B V Solutions Inc

Michael M. Czar, PE
IPS

Daniel Mahan
Bristol-Myers Squibb

Scott T. Shultz
CE&IC Inc

Gregory A. Spotts
Pfizer

Dr. Peter G. Millii, PhD
Bristol-Myers Squibb

Shamai D. Cylich, PE
Arcadia-US

Patrick T. String
AstraZeneca

Shawn E. Sullivan
Jacobs Engineering Group Inc

Aimee Penko
CRB

Dr. Joseph M. DeVito
Teva

Robert G. Piperno
GlaxoSmithKline

Thomas P. Cote
Sanofi

Dr. Daniel J. Tsak
Bala Consulting Engineers Inc

Stephen S. Buxton
Pfizer

Marc P. Pelletier, PhD
CRB

Michael N. Blackton
Adaptimmune LLC

Darren J. Garvey
Chargenote Technology

Stephen W. Middlebrooks
TEVA Pharmaceuticals USA

David S. Porreca, PE, PMP
Jacobs Engineering

Member Milestone Anniversaries (cont.)
As of August 4, 2017

Glenn Restivo
Thermo Systems

Joyce L. Morrow
Merk & Co

Robert E. Matja, CPF, PE
RemTech, LLC

Steven E. Eberling
Leend Lease US Construction LMB

Grant Merrill
AES Clean Technology

W. Daniel McChesney
Integra Lifesciences

Joseph D. Petrochko, MSc
PMI

Thomas R. Hartman
GlaxoSmithKline

David J. Ostermayr, Jr.
GlaxoSmithKline

Borys V. Pawlik

Thomas P. McLaughlin
Kermin Inc

Paul S. Egge
IMA North America

Francois D. Arayet
Johnson & Johnson Consumer Inc

Michael C. Brennan
BNC-Lavalin Project Services Inc

Ralph Molfi
AES Clean Technology Inc

Matthew J. Kennedy
CRB

15 Years
James F. Hallman
STERS Corp

Jonathan J. Rogers
Johnson & Johnson

Richard I. Ohi
J&J Consumer Inc.

Mark Drochek
Joseph I. Valencia
Rockwell Automation

Kathy D. Werzel
Lancaster Laboratories

Kevin P. Kelin
Endo Pharmaceuticals

Charles A. Sletti, Ph.D.
Intelligence, Inc.

Jennifer A. Weiss
Jacobs Engineering Group Inc

Brian C. Sallade
Kinsmen Group

Michael G. Bauer
Barry-Wehmiller Design Group, Inc.

Frederick H. Fieser
GlaxoSmithKline

Michael Somers
Garvey Corporation

Dr. Thanavi S. Ramesh, Ph.D.
Neurocrine Biosciences, Inc.

William R. Fisher
Bayer Radiology

William D. Groff
Endo Pharmaceuticals Inc

Don E. Linsklin
Lachman Consulting Services

Dr. Peter G. Millili, Ph.D.
Integra Lifesciences

Charles A. Siletti, Ph.D.
Charlottesville Consulting

Michael E. Merz, CPF
Barry-Wehmiller Design Group, Inc.

Kent D. Lohrey
Johnson & Johnson

Kenneth A. Stout
Johnson Matthey

Todd M. Roop, PE
Precis Engineering

William Edward Hill
West Pharmaceutical Services

Stephen Rigby
Emerson Process Management

Patrick S. Toner
Structure Tone Inc.

Saji Jacob
Bala Consulting Engineers Inc

Don E. Elinski
Precis Engineering

Steve Naughton
Lancaster Laboratories

Brad Y. Cole
ABEC

Jeffrey L. Thomas
Genentech

Michael A. Smith
Technion, Inc.

Joseph B. Peters
Johnson & Johnson

John B. Vitt
Cranes Engineering & Energy, Saunders

Michael A. Merz, CPF
Charles River Laboratories

Contract Manufacturing

Stephen A. Grass
Johnson & Johnson

Michael W. Mielek
IPS

Matthew H. Snyder
CRB

David B. Schwass
Alphablox Inc

Kent D. Lohrey
Johnson & Johnson

Kenneth A. Stout
Johnson Matthey

David A. Christensen
Precis Engineering

William Edward Hill
West Pharmaceutical Services

Stephen Rigby
Emerson Process Management

Patrick S. Toner
Structure Tone Inc.

Saja Jacob
Ace Consulting

Ernest J. Gervin
GlaxoSmithKline

Mark Drochek
Joseph I. Valencia
Rockwell Automation

Kathy D. Werzel
Lancaster Laboratories

Kevin P. Kelin
Endo Pharmaceuticals

Charles A. Sletti, Ph.D.
Intelligence, Inc.

Jennifer A. Weiss
Jacobs Engineering Group Inc

Brian C. Sallade
Kinsmen Group

Michael G. Bauer
Barry-Wehmiller Design Group, Inc.

Frederick H. Fieser
GlaxoSmithKline

Michael Somers
Garvey Corporation

Dr. Thanavi S. Ramesh, Ph.D.
Neurocrine Biosciences, Inc.

William R. Fisher
Bayer Radiology

William D. Groff
Endo Pharmaceuticals Inc

Don E. Linsklin
Lachman Consulting Services

Michael E. Merz, CPF
Barry-Wehmiller Design Group, Inc.

Kent D. Lohrey
Johnson & Johnson

Kenneth A. Stout
Johnson Matthey

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Structure Tone Inc.

Saja Jacob
Ace Consulting

Ernest J. Gervin
GlaxoSmithKline

Michael Faia
AstraZeneca
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<th>Company/Individual</th>
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<td>Thermo Fisher Scientific</td>
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<td>James J. Obermeyer</td>
<td>Michele Coulaloglou</td>
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<td>CYMA Builders &amp; Const Managers Inc</td>
<td>James F. Guo</td>
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<td>ETC Sterilization Systems</td>
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<td>Ryan S. McDonough</td>
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<td>Joanre E. Meloro</td>
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**Member Milestone Anniversaries (cont.)**

As of August 4, 2017

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</table>
Member Milestone Anniversaries (cont.)
As of August 4, 2017

Robert E. Heinz
VistaPharm, Inc

Joseph J. Biehl
ProPharma Group

Susan E. Green
Johnson & Johnson Consumer, Inc.

Roberto L. Rivera
Potz

Charles W. Gentile
Sanofi

Timothy M. Knob, Jr.
Lee Industries Inc

Christopher Patton
Compliance Technology Group Inc

Monica Leahy
CRB

Dr. Thrunella G. Venkateshwaran, Ph.D.
Merck & Co

Marc A. Gervase, PE
Engineering Support Services

Michael Lloyd
M Davis & Sons Inc

John D. Deanaley
COVEX LLC

Robert Misler
PCI Pharma Services

Samuel A. Litwack
Ashland Specialty Ingredients

Kristen DeVito
Catalent Pharma Solutions

Christopher W. Heinz
Sharp

Michael D. Waters
Recordati Rare Diseases

John Lagodney
CRB

Brian R. Lipko, PE
Hargrove Life Sciences

Thomas Zuno
Eli Lilly Inc.

Jason S. Collins, AIA
IPS

Sandra G. Cook, PhD
Cook Consulting LLC

Scott Overton
Sanofi Pasteur Ltd

Kevin R. Batche
IPS

Gary D. Wirt
Jacobs Engineering Group Inc

Wayne P. Oyer, II
ASCD/ Emerson

Kevin T. Walsh
Sanofi Pasteur

John Knighton
Johnson & Johnson PRD

Richard A. Faulk, Jr.
Cook MySite, Inc.

Joseph Winning, Jr.
Penn Fluid System Technologies

Kenneth S. Zrebic
Sieffried USA, LLC

Daniel Scott Loureiro
IPS

Aaron D. Krause
Getinge USA Inc

Eric J. Staib
PRA Health Sciences

Joshua Hellwig
Sanofi

Joseph K. Berlingis
Yoh Validation, Quality, Compliance Services

David Schoneker
Colocon

Ronald D. Snee
Snee Assoc. LLC

Bryan M. O'Toole, Jr.
Teva Pharmaceuticals

Jason A. Gibbs
GlaxoSmithKline

Brian Edmonds
Merck & Co

Massimiliano Passerini
COMCEC Group

David L. Cain
TEVA Pharmaceuticals

Brad D. Berkowitz
Shire

Lawrence H. Heimes
Sartorius Stedim Biotech

Jonathan A. Van Hoose
Global Aseptic Process Solutions, LLC

Thomas M. Walsh

Paul A. Vlcek
Applied Control Engineering Inc

Christopher P. Boytim
NewAge Industries/AdvantaPure

Wendy B. Sunderland
Amicus Therapeutics Inc

Joseph McCloskey
Jacobs Engineering Group Inc

Douglas J. Celik
STERIS

Mr. Stanley Whitman
GSK

Victor Torino
JWI Inc

Yvonne M. Duckworth
CRB

Michael Fazio
L.B. Bohle, LLC

Richard M. Dolton
SNC-Lavalin Project Services Inc

Ed D. Elizer
BioPrizm

Joseph D. Tornetta
Sanofi

Member Milestone Anniversaries (cont.)
As of August 4, 2017

Patrick E. McLaughlin, PE
CSL Behring

Víctor Virginia
Sharp Packaging Solutions

Jessica Miller, PhD
Merck & Co

David G. Mason
Sandoz

Jeffrey C. Johnson
Merck & Co

Richard C. Ohmott
Janssen Pharmaceuticals (Johnson & Johnson)

Robert Olivero
Pharm Meridian LLC

Jeff M. Beck
A T Chadwick Co Inc

Dr. Robert W. Stotz, BS, MS, PhD
Pharmabio Compliance LLC

Brian Tuel
A&B Process Systems

Elizabeth A. Wescott
Imclone Systems

Paul Abbott

W. G. Natrin, Jr.
AstraZeneca Pharmaceuticals

Martin Bretscher
Hargrove Life Sciences

Alexander J. Myers
GlaxoSmithKline

George H. Wiker
A&S Clean Technology Inc.

Erik R. Anderson
Johnson & Johnson

Emilie Pelleiter
Laporte Consultants Corp.

Joffreyl Meltzer, CFP
Trevena

Jacinto A. Oliver
The Kirkman Oliver Co

Hardeep S. Gahunia
SNC-Lavalin Project Services Inc

Jamee Doran
JacobsWyper Architects

Joseph J. Baker
Miller Energy Inc.

Scott A. Summers
Herman Gordon Co Inc

Dr. Giuseppe Gaudio
Johnson & Johnson

Lisa J. Buglery
Jennings Albright Inc

Peter G. Buxton
GlaxoSmithKline

Paul L. Edson
Johnson & Johnson

Paul W. Hoeps, Jr.
Techserv

Allen H. Smith, III, PE, CPE
Tunnell Government Consulting

James T. Robinson
Lachman Consultants

Greg Sabatino
Morphotek Inc

Vanessa L. Levy
Paragon Validation LLC

Teresa Ward
GlaxoSmithKline

Eugene K. Martini, PE
IPS

Patrick A. Marnella
Sanofi

David G. Mason
Merck & Co

Dr. Giuseppe Gaudio
Johnson & Johnson

Joseph D. Tornetta

Robert J. Elbich, CCE
Exigo Manufacturing

Allison M. Primorich
GlaxoSmithKline

Christopher Bratz
Ballinger

Christine A. Hofnagel, AIA
JacobsWyper Architects

David W. Frenze, PE
Gannett Fleming Pharma & Biotech Services

Robert P. Connors
Jacobs Engineering Group Inc

Douglas B. Hausern, PhD
Rutgers University

James M. Daly
CRB

Ryan E. Ott
Azur Group, LLC

Michelle Santoro
Skanska USA

Michael Harnish
KSM Technology Partners

Paul Whittaker
Commissioning Agents Inc

Robert D. Braden
Catalent Pharma Solutions

Stuart J. Gold

GlaxoSmithKline

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Michelle Santoro
Skanska USA

Michael Harnish
KSM Technology Partners

Paul Whittaker
Commissioning Agents Inc

Robert D. Braden
Catalent Pharma Solutions

Stuart J. Gold

GlaxoSmithKline
New Members
As of August 4, 2017

Remin Abraham
Drexel University

Alexander Adams
GlaxoSmithKline

Rachel Adams
Hargrove Life Sciences

Erik George Anderson
West Pharmaceutical Services

Salvatore Anello
MedImmune

Carla Artis
Stantec

Jeffrey Michael Beck
Jacobs

James Brennan
LabWare Inc.

Jason Brody
Merck & Co

Anna Carlson
Barry-Wehmiller Design Group

Hector Carrero
FDA

Mary Carroll
CRB

Christopher John Casten
Valsource Inc

Shugui Chen

Laura-Ann Shaa Ling Chin
Genesis Engineers Inc

George J. Clark
General Aire Systems, Inc.

Jill Clark
Mainstay Engineering Group, Inc.

Peter DAntonio, Jr.
Sartorius Stedim Biotech

Michael Davis
EY

Nikolai Dubsky
Laporte Consultants Corp.

Jeff Eyre
Prentantia Corporation

Christopher Vincent
Finegan

Sara Gannon
Invenio Group

Mody Gerges
Quantus

Andrew Halsey
Teva Pharmaceuticals

Saley Harou-Kouka
AstraZeneca

Zachary Heilman

Christopher Hohn
AES Clean Technology, Inc.

Keith Hope
CRB

Sandy J. Hopkins
AstraZeneca

Laura K. Hughes
Arcadis NV

Harold F. Hunt
Trevena

Dr. Atul Karande, PhD
Merck & Co

Abhishek Kathuria
Lupin Pharmaceuticals, Inc.

Richard Kelley
Lonza Wayne Inc.

Dr. Lily Koo
FDA

Jason Krentz
Endo Pharmaceuticals

Megan Kuhn
MedImmune

Eric Lamberti
AES Clean Technology, Inc.

Gayle S. Lawson, RPh
FDA

Brendan Lucey
ILC Dover LP

Daryl Madeira, BESc
Korber Medipak Systems

Kathleen McGinn
Incyte Corporation

David Milne

Carol Mitchell

Imran Mohiuddin
Taiho Oncology Inc.

Robert Parker
Vernalis Therapeutics

Nirmal Patel
PPD

Jumarie Plaud
Sanofi Pasteur

Stephen Podesta
Honeywell

Nina Ricciardelli
Casey

PSC Biotech Corp

Alayna Russell
CRB

Samuel R. Scheide
West Pharmaceutical Services

Bryan Shafer
Laporte Consultants Corp.

Abigail Slavinsky
Bayer Pharmaceuticals Radiology

Michael Smith
Alcami Corporation

David L. Stauffer
Aztec Technologies

MaryBeth Sukenick
Jacobs

Julie Summerville
Sanofi Pasteur

Dirk Sweigart
Applied Control Engineering Inc

Beth Ann Tobias
Hargrove Life Sciences

Eric Toburen
Tx3 Services LLC

Nicholas Tornetta
Drexel University

Christina Trum
Drexel University

Thomas Verderame
GlaxoSmithKline

Lisa Wagner
Biolclinica

Robert Westney
Cryologics, Inc.

Amanda N. Williamson
Carmell Therapeutics

Robert Wissert, III
Yoh Services LLC

Jane Wong
Frontida BioPharm, Inc.

Heather Zenk
Amerisource Bergen