# 2015 Seminar on Trends in Advanced Pharmaceutical Manufacturing

The 2015 seminar on Trends in Advanced Pharmaceutical Manufacturing, co-organized by the University of Puerto Rico, Mayaguez and Pfizer, will be held in the Center for Pharmaceutical Engineering Development and Learning (CPEDaL), UPRM on October 12, 2015.

## Purpose

The purpose of this seminar is to promote a broader uptake of advanced manufacturing technology in the pharmaceutical industry, enhance industry-academia collaboration, develop talents and accelerate regulatory awareness and acceptance, with a focus on Puerto Rico. The seminar provides a knowledge sharing forum to communicate innovative technologies and business processes that enable improved manufacturing process performance, cost savings, quality, compliance and supply reliability.

**Theme**

Speakers from government agencies, academia and leading pharmaceutical companies such as Pfizer, will share their perspectives on regulatory policies, recent advancement and future trends in advanced pharmaceutical manufacturing. Government officials, senior corporate leaders, and technical experts will bring enriching topics on advanced manufacturing technologies for both pharmaceutical and biopharmaceutical manufacturing. The forum will focus on the latest developments and future trends in advanced manufacturing technologies for pharmaceutical/biopharmaceutical manufacturing, including QbD, PAT, quality risk management, multivariate modeling, advanced measurement systems, advanced process control, optimization...as well as software, standards, and a look into the future.

## Who Should Attend

Pharmaceutical company leaders, decision makers, R&D, manufacturing technologists, operational, quality assurance, quality control personnel  
Professors and students at universities and research institutes

## Meeting Registration

Free of charge. Please register by email: Carlos Velazquez Figueroa [carlos.velazquez9@upr.edu](mailto:carlos.velazquez9@upr.edu) by Oct 09.

## Venue

The seminar will be held in the Amphitheater of the Chemical Engineering Department and CPEDaL of the University of Puerto Rico Mayaguez, Puerto Rico on October 12, 2014. Coffee breaks and lunch will be provided to al attendees free of charge, hence reserve your space (see above) to plan accordingly.

The Chemical Engineering Department and CPEDaL are located at State Road 108, km 1.1, Mayaguez PR 00680.

## Program

**Trends in Advanced Pharmaceutical Manufacturing Seminar**

|  |  |  |
| --- | --- | --- |
| **Monday October 12, 2015 – Morning** | | |
| **Time** | **Subject** | **Speaker** |
| 8:30 – 9:00 am | **Registration and coffee** |  |
| 9:00 – 9:20 am | **Welcome message** | Mojgan Moshgbar, PhD  Director Advanced Manufacturing Technologies – Pfizer  Carlos Velázquez, PhD  Director CPEDaL – UPR RUM |
| 9:20 – 09:30 am | **Pfizer** [**Global Technology Services**](http://pgs.pfizer.com/function/GMS) **Leadership Message** (via Telecon) | Kevin M Nepveux  Vice President Global Tech Services – Pfizer |
| 9:30 – 10:00 am | ***Global Competitiveness Initiative: Academia Ecosystem*** | Rafael Castro  VP operations - PR Pharma Industry Association (PIA) |
| 10:00 – 10:30 am | ***Tax credits to promote innovation*** | James Pérez, PhD  Director of Scientific Affairs- Puerto Rico Industrial Development Company (PRIDCO) |
| 10:30 – 10:45 am | **Break** | |
| 10:45 – 11:15 am | ***Advanced Biopharmaceutical Manufacturing Trends*** | Mojgan Moshgbar, PhD  Director Global Tech Services – Pfizer |
| 11:15 – 11:45 am | ***The UPRM as a partner in the transformation of the pharmaceutical industry*** | Carlos Velázquez, PhD  Director CPEDaL – UPR RUM |
| 11:45 am – 12:15 pm | ***The Product Enhancement Center*** | Sigfrido F. Garcia, PhD  Director Product Enhancement Center (PEC) – Pfizer |
| 12:15 – 1:15 pm | **Lunch** | |
| **Monday October 12, 2015 – Afternoon** | | |
| **Time** | **Subject** | **Speaker** |
| 1:15 – 1:45 pm | ***Trends in Pharmaceutical Manufacturing: Advances in Continuous Processing*** | George Sienkiewicz, PhD  Sr. Manager Global Tech Services – Pfizer |
| 1:45 – 2:15 pm | ***Model predictive control of a fluid bed drying: extension to a continuous FBD*** | Carlos Velázquez, PhD  Director CPEDaL – UPR RUM |
| 2:15 – 2:45 pm | ***Transformational power of soft sensors and APC in pharmaceutical industry*** | David Pla Lauri, PhD  Manager Advanced Manufacturing Technology,  PGS – Pfizer |
| 2:45 - 3:00 pm | **Break** | |
| 3:00 - 3:45 pm | **Center for Pharmaceutical Engineering Development and Learning (CPEDaL) - Facility Tour** | Carlos Velázquez, PhD  Director CPEDaL – UPR RUM |
| 3:45 -4:30 pm | **Panel discussion and Wrap-up** | All |
| 4:30 - 4:45 pm | **Closing remarks** | Alton Johnson, PhD  VP, Global Tech Services – Pfizer |