

Agenda

Mini-BIOMAN 2019: Design of Experiments for Biomanufacturing

June 11-13, 2019

MiraCosta College, Oceanside, California

Hosted by: Dean Mike Fino,
Professor Dr. Barbara Juncosa,
and Professor Dr. Dominique Ingato

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| Day 1 Tuesday June 11 | 8:30-9:30 AM | Breakfast at hotel Meet in lobby at 9:30am for transportation to Genentech |
| | 9:45 AM | Check-in at Genentech |
| | 10:00 AM | Keynote speakers: TBA, Genentech |
| | 10:30 AM | Tour of Genentech |
| | 12:00 PM | Shuttle to MCC |
| | 12:15 PM | Lunch |
| | 1:15 PM | Welcome and Conference Overview <ul style="list-style-type: none"> • Welcome (Dean Mike Fino) • Introductions • Review agenda |
| | 1:30 PM | Lecture: Introduction to DOE <ul style="list-style-type: none"> • Overview of DOE • Review of biostatistics • Introduction to JMP software |
| | 2:30 PM | Hands-on Lab: Descriptive statistics and graphical analysis using JMP |
| | 4:00 PM | Adjourn – shuttle back to hotel |

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| Day 2 Wednesday June 12 | 7:30-8:30 AM | Breakfast at hotel Meet in lobby at 8:30am for transportation to MCC |
| | 8:45 AM | Lecture: Hypothesis testing <ul style="list-style-type: none"> • Assessing normality in JMP • Hypothesis testing in JMP |
| | 10:00 AM | Hands-on Lab: Hypothesis testing using JMP |



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| 12:00 PM | Lunch |
| 1:00 PM | Lecture: Full factorial design |
| 2:00 PM | Hands-on Lab: Full factorial design |
| 4:00 PM | Adjourn – shuttle back to hotel |

Day 3
Thursday
June 13

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| 7:30-8:30 AM | Breakfast at hotel Meet in lobby at 8:30am for transportation to MCC |
| 8:45 AM | Lecture: Fractional Factorial Design |
| 10:00 AM | Hands-on Lab: Fractional Factorial Design |
| 12:00 PM | Lunch |
| 1:00 PM | Lecture: Screening designs and DOE blocking |
| 2:00 PM | Hands-on Lab: Screening designs and DOE blocking |
| 4:00 PM | Adjourn – shuttle back to hotel |