

Schedule of the course:

Sunday, September 26, 2010

6:00PM Registration, Hilton Hotel Conference Center

6:30 PM Welcome Introduction and Announcements - Mian N. Riaz

7:00 PM Social/Mixer with Cash Bar, Hilton (optional)

Monday, September 27, 2010

7:40 AM Bus leaves hotel to Rudder Tower, Texas A&M University

8:00 AM "Introduction to Extrusion" - Mian N. Riaz

9:00 AM "Material Handling: Scalping, Magnetic Protection, Product Conveyance, Dust Control, Weighing, Mixing, Coating, Material Flow & Distribution, Hybrid Batching" and "Slipform Construction" - Gerald M. Leukam

10:30AM Break

10:45AM "Material Handling": Continued - Gerald M. Leukam

11:45AM Group Photo

12:00PM Lunch

1:00 PM "Principles of Dry Extrusion and Its Application in Aquatic Feed and Pet Food" - Hennie Pieterse

1:45 PM "Dry Extrusion of Full Fat Soy and Partially Defatted Soybean Meal" - Nabil W. Said

2:30 PM Break

2:45 PM "An Overview of Soy in Aquaculture Diets" - Michael Cremer

3:30 PM "Other Commercial Applications of Dry Extrusion" - Nabil W. Said

4:15 PM Bus Leaves for FPRDC for Multiple Demonstrations:

- "Full Fat Soy Using Whole Soybeans with a Dry Extruder" - Chris Mack
- "Full Fat Soy Using Dehulled Soybeans with a Dry Extruder " - Chris Mack
- "Fisheries By-Products Recycling with a Dry Extruder" - Chris Mack

Tuesday, September 28, 2010

7:40 AM Bus Leaves Hotel for Rudder Tower, Texas A&M University

8:00 AM "Principles of Aquaculture Nutrition - Part 1" - Delbert Gatlin

9:15 AM "Optimizing Aqua Feed Quality: Oxidation Control, Microbial Growth Control, and

Palatability" - Jim Mann

10:15AM Break

10:30AM "Continuous Spray and Coating Systems" - Dave Mattice

11:15AM "Solutions to Common Grinding Problems" - Chad Cook

12:00 PM Lunch

1:00 PM "Commercial Vitamin Product Forms, Vitamin Premixes and Their Performance in Aquatic Feed" - Donnie Campbell

2:00 PM "Ultra Fine Grinding for Aquatic Feed" - Phil Erickson

2:30 PM Break

2:45 PM "Characteristics and Applications of Interrupted Flight Expanders" - Moe Williams

3:30 PM "Processing of Full Fat Soy Products, Pet Foods, and Aquaculture Feeds Using Interrupted Flight Exapnders" - Moe Williams

4:00 PM Bus Leaves for Riverside Campus for Multiple Demonstrations:

- "Full Fat Soy Using Interrupted Flight Expander" - Moe Williams and Chris Mack
- "Surface Coating Systems for Aquaculture Feed" - Terry Stemler
- "Aquatic Feed Using Interrupted Flight Expander" - Moe Williams and Chris Mack

Wednesday, September 29, 2010

7:40 AM Bus Leaves Hotel for Rudder Tower, Texas A&M University

8:00 AM "Detour to FPRDC to inspect Single and Twin-Screw Extruders" - Cater-Mattil Hall, Wenger Associates

8:45AM "Ingredients and Recipe Considerations " - Galen Rokey

9:45 AM Break

10:00AM "Preconditioning Technology " - Gerry Hertzal

10:45AM "Single and Twin Screw Extruders and Their Applications in Aquatic Feed" - Joe Kearns

11:45AM Lunch

1:00 PM "High Fat Extrusion and Product Densification" - Galen Rokey

1:45 PM "Drying and Cooling Systems for Aquaculture Feed " - Tom Barber

2:45 PM Break

3:00 PM "Product Analysis Laboratory" - Galen Rokey and Joe Kearns

4:15 PM Bus Leaves for FPRDC for Multiple Demonstrations:

- "Salmon Feed for Vacuum Infusion Using a Single Screw Extruder" - Galen Rokey
- "Ultra-Fine Fish Feed Using Twin Screw Extruder" - Gerry Hertzell
- "NIR Analyzer on Ingredients and Aqua Feed" - Tom Sliffe

Thursday, September 30, 2011

7:40 AM Bus Leaves Hotel for Rudder Tower, Texas A&M University

8:00 AM "Automated Control of Extrusion System" - Michael Bachelor

9:00 AM "Principles of Aquaculture Nutrition - Part 2" - Delbert Gatlin

10:00AM Break

10:15AM "Extrusion Die Technology " - Gerry Hertzell

11:00AM "Vacuum Infusion Coating Principles for Aquatic Feed" - Jim Schulte

11:45 PM Graduation Lunch

1:15 PM "Extrusion Processing Technologies "- Galen Rokey

2:15 PM "Micro-Aquatic Feeds" - Joe Kearns

2:45 PM Break

3:00 PM "Ensuring a Smooth Running Extrusion Operation " - Galen Rokey

4:00 PM Bus Leaves for FPRDC for Multiple Demonstrations:

- "Floating Catfish Feed Using Single Screw Extruder" - Galen Rokey
- "High Fat Yellow Tail Feed Using a Twin Screw Extruder" - Gerry Hertzell
- "Vacuum Infusion for Aquatic Feed" - Jim Schulte

Friday, October 1, 2011

7:40 AM Bus Leaves Hotel for Rudder Tower, Texas A&M University

8:00 AM "Odour Control in an Aquafeed Plant" - Jim Schulte

8:45 AM "Shrimp Feed Management and Feed Physical Characteristics"-Addison Lawrence

10:15AM Break

10:30AM "Least Cost Feed Formulation" - Chris Bailey

11:30AM "Wrap-Up" - Mian N. Riaz and Delbert Gatlin

11:45 PM Bus Leaves for Hotel

1:30 PM Optional Tour of Texas A&M University's Aquaculture Facilities - Delbert Gatlin
(Leave from Hilton)

3:00 PM Bus Returns to Hotel