

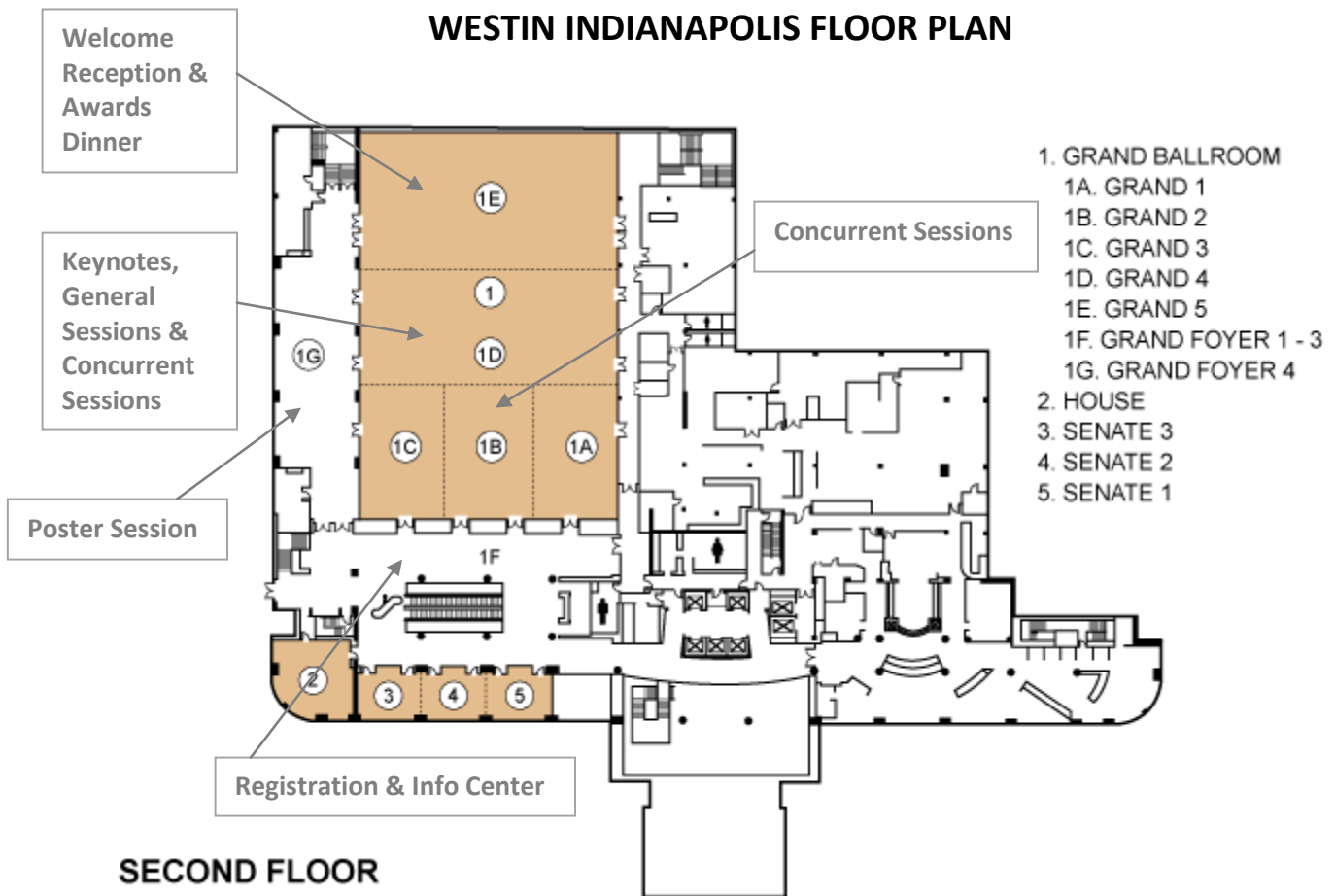
INSTITUTE OF BIOLOGICAL ENGINEERING

17th ANNUAL CONFERENCE

PROGRAM

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- 143 The decomposition of Scenedesmus by anaerobic digestion
Xinyi E, Aubrey Shea, Czarena Crofcheck, Michael Montross, Mark Crocker, Rodney Andrews (University of Kentucky), Jennifer Aurandt (Kettering University)
- 144 Inhibiting the formation of amyloid- β fibrils using isoflavones with increasing hydroxyl functionalization
Jui-Heng Tseng, Melissa Moss, Mentor (University of South Carolina)
- 145 Development and characterization of a polycaprolactone/soy lecithin electrospun adhesion barrier
Sheila Grant, Evan Buettmann, Ryan Prsha, Daniel Els, Katie Hocker; Matt Cozad, Dave Grant (University of Missouri, Columbia)
- 146 Materials characterization of explanted polypropylene, PTFE, and PET hernia meshes from an individual patient
Sheila Grant, Aaron Wood, Matthew Cozad, Dave Grant (University of Missouri)
- 147 Thermal properties of porcine diaphragm at different stages of processing
Sheila Grant, Kaitlin Bruegenhemke, Matthew Cozad, Dave Grant (University of Missouri)
- 148 Gold nanoparticle-porcine dermis scaffolds for tissue engineering applications
Sarah Smith, Matt Cozad, Sheila Grant (University of Missouri)
- 149 Alternative carbon sources reduce lactic acid production and increase tPA production in recombinant CHO cells
Soonjo Kwon, Charles Harding, Stephanie Lawanto (Utah State University), Joseph Camire (ThermoFisher Scientific)
- 151 Efficient production of the key pradimicin biosynthetic precursor JX134 in Escherichia coli
Jixun Zhan, Kandy Napan (Utah State University)
- 152 Biochemical characterization of a type III polyketide biosynthetic gene cluster from Streptomyces toxytricini and its UV protection effects
Jixun Zhan, Jia Zeng, Richard Decker (Utah State University)
- 153 Polyhydroxyalkanoate production from Escherichia coli: Carbon Sources and Scale Up
Asif Rahman, Ronald Sims, Charles Miller (Utah State University)
- 158 Biomass production and nutrient remediation scale-up studies for the logan lagoons
Katherine Glaittli, Daniel Dye, Ronald Sims (Utah State University)

6:30 PM – 8:30 PM

AWARDS RECEPTION & BANQUET

Location: Grand 5