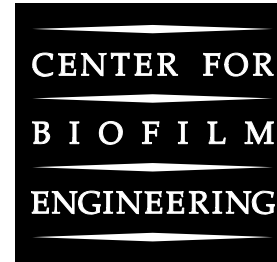


Biofilm Methods Workshop

Basics Option

July 23, 2007



- 9:00 – 9:45** **Welcome, Introductions** – Paul Sturman, **EPS 323**
Using Scanning Electron Microscopy (SEM) to Study Biofilm –
Matthew Fields, **EPS 323**
- 9:45 – 10:30** **Standardized Biofilm Methods** – Darla Goeres, Marty Hamilton, Standardize a
research method for routine use; Experimental design; Statistics. **EPS 323**
- 10:30 – 10:45** **Coffee Break/Discussion**
- 10:45 – 12:00** **Biofilm Growth Reactors** – Diane Walker, Kelli Buckingham-Meyer, Lindsey
Lorenz, SBM Interns **EPS 337**
- 12:00 – 1:15** **LUNCH** – Habit Restaurant, MSU Campus
- 1:15 - 2:30** **Biofilm Reactor Protocol: Set-up, Inoculation, Sampling and Analysis** –
Diane Walker, Kelli Buckingham-Meyer, Lindsey Lorenz, SBM Interns **EPS 337**
- 2:30 – 3:30** **Cryosectioning and Microscopy of Biofilms** – Betsey Pitts, Alessandra
Agostinho **EPS 326/327**
- 3:30 – 4:15** **Scanning Electron Microscopy** – Steve Fisher, **ICAL EPS 339**
- 4:15 – 5:00** **Wrap-up/Discussion and Selected CBE Presentations:**
Adie Phillips – “Supercritical CO₂ Challenges.” **EPS 302**

Shannon Goeres – Bioresources Engineering Undergraduate, “Fun with Pipes.”
EPS 301

Wrap-Up, Discussion – Paul Sturman, **EPS 323**