

UF HHMI ICORE
Interdisciplinary Center for Ongoing Research/Education
Summer Institute: June 15-28, 2008

Sunday, June 15, 2008

Keys Residential Housing available for check-in after 3pm

No scheduled program events

Monday, June 16, 2008: 8:30am – 5:00pm

(CPET staff: Julie, Erin, Steve)

Morning 8:30am-12pm

Location: Cancer Genetics Research Complex (CGRC) Room 133

- (8:30a) Check-in, breakfast available
- (9-10a) Welcome: orientation, overview, and introductions, Dr. Mary Jo Koroly and CPET staff
- (10-11a) Pretest assessments, Dr. Tracy Irani
- (11-12p) Presentation: *Emerging Pathogens Institute*, Dr. Glenn Morris

Lunch provided (12-12:30p)

Afternoon 12pm-5pm

Location: CGRC Room 184 (ICBR EdCore Laboratory)

- (12:30-1p) Presentation: *Emerging Pathogens and You*, Dr. Maria Gallo
- (1-1:30p) Lab Experience Overview: Tomato Spotted Wilt Virus (TSWV)
- (1:30-3p) Lab Experiment 1: Detecting TSWV using an ImmunoStrip, Dr. Diane Rowland and Dr. Gallo
- (3-4:30p) UF-EMI CT disposition assessment, critical thinking; Dr. Tracy Irani

Dinner on own

Evening

- No scheduled program events

Tuesday, June 17, 2008: 9:00am – 4:30pm, 7:00pm – 9:00pm

(CPET day staff: Julie, Erin / CPET evening staff: Steve)

Morning 9am-12pm

Location: ICBR EdCore Laboratory

- (9-10a) Pedagogy, active and problem based learning strategies, Dr. Irani
- (10-10:30a) Lab Experience Overview: Genetic Engineering for TSWV Resistance
- (10:30-12p) Lab Experiment 2: DNA extraction, PCR of TSWV N gene

Lunch on own (12-1:30p)

Afternoon 1:30pm-4:30pm

Location: ICBR EdCore Laboratory

- (1:30-2:30p) Presentation: *Biotechnology Education, Making School Science Relevant*, Dr. Troy Sadler
- (2:30-4:30p) Continue Lab Experiment 2: DNA extraction, PCR of TSWV N gene

Dinner on own

Evening 7pm-9pm

Location: Florida Gym Room 245

- Best practice sharing session

Wednesday, June 18, 2008: 9:00am – 4:30pm, 5:00pm – 8:00pm

(CPET day staff: Julie, Erin / CPET evening staff: Steve, Chuck)

Morning 9am-12pm

Location: ICBR EdCore Laboratory

- (9-11a) Complete Lab Experiment 2: Verification of PCR using gel electrophoresis
- (11a-12p) Educational technology, Ms. Lisa Hightower and Dr. Brian Myers

Location: CGRC Rooms 291, 391

- (12-1:15p) Focus group session, Lunch provided

Afternoon 1:30pm-4:30pm

Location: ICBR EdCore Laboratory

- (1:30-4:30p) Bioinformatics, Dr. Luciano Brocchieri

Dinner on own

Evening 5pm-8pm

Location: ICBR EdCore Laboratory

- Classroom extensions with Dr. Charles Lawrence, Dinner provided (CGRC 133)

Thursday, June 19, 2008: 9:00am – 5:00pm, 7:00pm – 9:00pm

(CPET day staff: Julie / CPET evening staff: Steve)

All day 9am-5pm (lunch provided)

Location: Entomology Building, Room 1031

- (9-10a) Presentation: *Pathogen genomics*, Dr. Dean Gabriel
- (10-11a) Presentation: *Agricultural bioterrorism*, Dr. Marjorie Hoy
- (11:30a-3p) Interactive learning session: *Insect-vectors and Florida's Public Health*, Dr. Roxanne Connelly
- (3:30-5p) Graduate student sharing session

Dinner on own

Evening 7pm-9pm (CPET staff: Steve)

Location: Florida Gym Room 245

- Best practice sharing session

Friday, June 20, 2008: 9:00am-4:30pm

(CPET staff: Julie)

Morning 9am-12pm

Location: Health Professions, Nursing, and Pharmacy Building (HPNP) Room G316

- (9-10a) Mini grant overview, Dr. Andy Kane

Location: HHMI Undergraduate Core Laboratory (HHMI UCL)

- (10a-12p) *How do viruses change their coats to fit a new host?* Drs. Mavis and Robert McKenna

Lunch on own (UF Health Science Center) (12-1p)

Afternoon 1pm-4:30pm

Location: HHMI UCL

- (1-4:30p) Continue *Virus coats*, Drs. Mavis and Robert McKenna

Dinner on own

Evening

- No scheduled program events

Saturday, June 21, 2008

Optional field excursion with Mr. Steve Everett

Sunday, June 22, 2008

No scheduled program activities.

Please consider a visit to the UF Cultural Plaza (FLMNH and Harn)

Monday, June 23, 2008: 9:00am—4:00pm

(CPET staff: Steve)

All day 9am-4pm (lunch provided)

(Load bus at 8:30am at Keys Residence Facility to go to Alachua)

Location: Progress Park in Alachua

- Center of Excellence in Regenerative Health Biotechnology: translational research and manufacturing aspects, Ms. Tammy Mandell and Dr. Richard Snyder

Dinner on own

Evening

- No scheduled program events

Tuesday, June 24, 2008: 9:00am-5:00pm, 7:00pm-9:00pm

Morning 9am-12:30pm (CPET day staff: Julie, Erin / CPET evening staff: Steve, Chuck)

Location: CGRC Room 133

- (9-10a) Presentation: *HIV perspective from over 20 years clinical experience*, Dr. Robert Lawrence

Location: ICBR EdCore Laboratory

- (10-10:30a) Presentation: *ELISA technique*, Ms. Linda Green
- (10:30a-12:30p) Laboratory experiment: ELISA

Lunch on own (12:30-2p)

Afternoon 2pm-5pm

Location: ICBR EdCore Laboratory

- Reflective journaling
- (2-2:45p) *Microarray technology*. Dr. Gigi Ostrow
- (2:45-3:15p) *Biotechnology in the Classroom*. Dr. Suzy Behel

Location: CGRC Auditorium

- (3:30-5p) Special presentation: Dr. Bruce Torbett, UC San Diego/ Scripps

Dinner on own

Evening 7pm-9pm

Location: ICBR EdCore Laboratory

- Classroom extensions with Dr. Charles Lawrence

Wednesday, June 25, 2008: 8:00am – 4:00pm *please note earlier start time

(CPET staff: Julie, Steve, Erin, Chuck)

Morning 8am-12pm

Location: Health Science Center Communicore Building Room C1-11

- (8-9:15a) Presentation in conjunction with UF CPET SSTP: *Farming Viruses for New Drugs*, Dr. Alex Lucas

Location: Health Science Center

- (9:30-10am, 10:15-10:45am) HSC laboratory visits: Dr. David Bloom (ARB R2-273), Dr. Dan Brown (BSB 3-52), Dr. Richard Condit, Dr. Paul Gulig (R1-144), Dr. Kenneth Rand (Shands 3275.3)

Location: Academic Research Building Room R3-265

- (11a-12p) Presentation: *Bioterrorism*, Dr. Richard Moyer

Lunch on own (HSC) (12-1p)

Afternoon (Board van at 1pm to go to CVM)

Location: College of Veterinary Medicine Lecture Hall B

- (1:30-2:30p) Presentation: *Epidemiology and virology of animal pathogens*, Dr. Paul Gibbs

Location: College of Veterinary Medicine

- (2:30-3pm, 3:15-3:45pm) Vet Med laboratory visits: Dr. Anthony Barbet (V2-200), Dr. John Dame (V2-209), Dr. Carlos Romero (V2-234), Dr. Barbara Sheppard

Dinner on own: "Downtown Dine-around"

Evening

- Optional: "Downtown Dine-around"

Lab visits:

Chuck – Rand → Bloom / Barbet → Dame

Erin – Gulig → Brown / Romero → Sheppard

Steve – Bloom → Condit / Dame → Barbet

Nick – Brown → Gulig / Sheppard → Romero

Thursday, June 26, 2008: 8:00am – 4:00pm *please note earlier start time; light breakfast will be available

(CPET staff: Julie)

Morning 8am-1pm

Location: ICBR EdCore Laboratory

- (8-9a) Nominal group assessment and web based follow up, Dr. Irani
- (9a-1p) Grant writing workshop, Dr. Andy Kane

Lunch on own

Afternoon 1pm-4pm

Location: ICBR EdCore Laboratory

- (1-4p) Computers available for independent action proposal work and reflective journaling

Dinner on own

Evening

No scheduled program events

Friday, June 27: 9:00am – 1:00pm

(CPET staff: Julie)

Morning 9am-1pm

Location: CGRC 133

- (9-11a) Presentation of Action Proposals
- (11-12:30p) Posttest assessments, evaluations

Farwell lunch provided (12:30p)