REU 2002 - Project List
Pairings as of 15 May

Mentors: Jim Savino and Tom Krawczyk - CHESS
Student: Doina Balcacean (WSU - RET)
Topic: Si-si bonding for X-ray optics

Mentor: Richard Gillian - CHESS
Student: Michael Barclay (WSU - RET)
Topic: 3D Graphics and Parallel Processing of Protein Diffract'n Data

Mentor: Alexei Petrov,(Wayne State) - THEORY
Student: Eric Clayton (WSU)
Topic: Theory

Mentor: Chris Jones (Cornell) - CLEO
Student: Terry Legette or Dijana Camaj (WSU)
Topic: Putting "physics" in the CLEO event display

Mentor: Giovani Bonvicini (Wayne State) - CLEO/CESR
Student: Michael West (Wabash)
Topic: Construction of the large angle beamstrahlung detector for CESR

Mentor: Chris Jones (Cornell) - CLEO
Student: Terry Legette or Dijana Camaj (WSU)
Topic: CAVE simulation of life at subatomic scales

Mentors: Dave Rubin, Mark Palmer, Mike Forster - CESR
Student: Viveka Borum (WSU)
Topic: Comparing CESRc/NLC damping rings, incl space chg effects

Mentor: Marina Artuso and Bayar Dambasuren (Syracuse) - CLEO
Student: Mike Barnes (Arkansas)
Topic: RICH hardware

Mentor: Hasan Padamsee (Cornell) - SRF
Student: Janessa Becktel (Dallas)
Topic: SRF hardware

Mentors: Dave Rubin, Mark Palmer, Mike Forster - CESR
Student: Aaron Amsel (Dartmouth)
Topic: Comparing CESRc/TESLA damping rings, incl space chg effects

Mentor: Jim Crittenden (Cornell) -CESR
Student: Collin Trail (Lewis and Clark)
Topic: Improving injection with emphasis on low-E params

Mentor: Joe Rogers (Cornell) CESR
Student: Tom Spears (Wooster)
Topic: Beam emittance in a Linear Collider

Mentor: Yulin Li (Cornell) – ERL
Student: Aaron Sander (Minnesota)
Topic: Non-Evaporable Getter Thin Film Coating and Vacuum Pumping Measurements

Mentor: Charles Sinclair (Cornell) - ERL
Student: Andrew Kowalik (Rochester)
Topic: Design of electron gun for a new linear accelerator

Mentors: Matt Shepherd(Cornell) and Selina Lee (Minn) - CLEO
Student: Byron Johns (Hampton)
Topic: Understanding and testing of CLEO electronics

Mentor: Todd Pedlar (OSU) - CLEO
Student: Lindy Blackburn (Chicago)
Topic: Analysis of current CLEO data, including simulations

Mentor: Lawrence Gibbons (Cornell) - CLEO
Student: Tatia Engelmore (Cornell)
Topic: TBD