

University of Rochester Physics Department

Research and Teaching Experiences for Undergraduates (<http://www.pas.rochester.edu/yigal/reu98.html>)

31 Participants: *Summer 1998*

Student	University	Faculty Supervisor	Project
Drew Abrams	U of R	Douglass	edge-tone oscillator and its application to music for Dept. physics of music course
Tarun Aroru	U of R	Frank	computer graphics for th. astrophysics applications
Deborah Berlin	Northwestern	Bodek	expt particle physics - neutrinos
Michael Buice	SUNY-Buffalo	Orr	phenomenology - photon radiation in top quark decay
Matthew Barczys	U of R	Forrest/Pipher	expt astrophysics - H2O ice absorption in RNO91
Jamin Brown	Middlebury	Knox	theoretical biol. physics - new fluorescing state of the chlorophyll molecule
Shawn Campbell	U of R	Melissinos	anti-hydrogen in a laser cavity
Mike Carew	U of R	Tipton	expt particle physics - top quark
Antonella Cipollone	Wayne State	Thorndike	expt particle physics - CLEO expt
Anne Corriveau	Providence College	Auchincloss	Physics Education
Davis Doherty	U of R	Wolfs	expt nuclear physics - constructing and testing the PHOBOS time-of-flight wall
Michelle Ernst	Rutgers	Tipton	expt particle physics - silicon detectors
Julie Fry	U of R	Auchincloss	Physics Education

Jean Guerrero	U of R	Bodek	high energy physics admin support
Dawn Isabel	Wayne State	Thorndike	expt particle physics - CLEO expt
Nicholas Kling	U of R	Wu	expt material science - measuring low frequency resistance fluctuations in inhomogeneous materials
Govind Krishnaswami	U of R	Rajeev	th. particle physics -model of interacting partons for hadronic structure functions
Eric Lukwald	Wayne State	Thorndike	expt particle physics - CLEO expt
Daniel Martinez	U of R	Bodek	Department computer system support
Kimberly Meek	Monroe	Gao	organic LEDs and the doping of ALQ Community College
Matt Moffa	U of R	Bigelow	expt laser physics - cooling and trapping
Michell Morgan	Wayne State	Thorndike	expt particle physics - CLEO expt.
Eran Mukamel	Harvard	Bigelow/Walmsley	expt quantum optics - simulations toward balanced homodyne detection of squeezed light
Jeong Park	U of R	Gao	expt material science - surface enhanced raman scattering
Alex Radunskiy	U of R	Knox	theoretical biol. physics - time-dependent Kennard-Stepanov spectra
Aaron Reichman	U of R	Forrest/Pipher	expt astrophysics - search for Wolf-Rayet Stars
Sondra Rosenberg	U of R	Tipton	expt. particle physics - top quark
Jason Sickler	U of R	Wolfs	expt nuclear physics - constructing and testing the PHOBOS TOF wall
Michael Thomas	U of R	Watson	expt astrophysics - far infrared detectors
Jorge Viamontes	U of R	Melissinos	expt particle physics
John Vernaleo	U of R	Manly	High Energy Nuclear Physics (Phobos/RHIC).

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NASA

USDA

REU -- National Science Foundation funded Research Experience for Undergraduates Program

NSF -- NSF grants of individual professors

SR -- UR Summer Reach Program for selected U of R undergraduates
AD -- UR Advantage Program for selected U of R undergraduates
DOE -- Department of Energy grant