

The Circular Dichroism Facility has been in operation since 1991 and has served more than 100 academic and industrial investigators. Studies include determination of protein and nucleic acid secondary structure, the kinetics and thermodynamics of unfolding and binding interactions, among other applications. Data acquired in the facility has been included in hundreds of publications.

## Equipment

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Aviv Model 400 Spectrophotometer  
One-Sample Thermoelectric Cell Holder  
5-Sample Thermoelectric Ell Holder  
Total Fluorescence Accessory  
Light Scattering Accessory  
Automated Titrator  
Stopped Flow Attachmen

## Services

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Full service CD data collection and analysis  
Preparation of publication-quality figures  
Instruction in instrument operation and data collection  
Pilot experiments  
Access to software for data analysis

## Services and Pricing

*(RWJMS and Rutgers-NBP users, effective July, 2007)*

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Instrument time (based on lamp usage)

- \$40 per hour for the first 20 hours within a year. After 20 hours, use will be billed at \$20 per hour.
- The maximum charge for a 24 hour period will be \$350. Overnight users must vacate the instrument by 9:00 A.M.

**Operator Time:** Services of the Director (training, running an experiment or data analysis etc.): \$50 per hour.

**Introductory Training Office:** All new users must receive training and be authorized by the Director for independent use.

\$500 Includes discussion of experimental design and sample preparation, one day (up to 8 hours) of instrument time and instruction in methods of data analysis in preparation for independent use.

**Outside Academic Rates:** 20% higher than RWJMS/Rutgers rate

**Industrial Users:** Upon request

**Director of Facility:**  
*Alla Kostyukova, PhD*

**Primary Contact:**  
*Dr. Alla Kostyukova*

**Phone:**  
732-235-5791

**Fax:**  
732-235-4029

**Email:**  
cdlab@umdnj.edu

**Website:**  
www2.umdnj.edu/  
cdrwjweb

**Hours of Operation:**  
**Authorized User:**  
24 hours/day,  
7 days/week;  
**Service of the Director:**  
9:00 A.M. - 5:30 P.M.  
- with appointment