USF UNIVERSITY OF SOUTH FLORIDA DEPARTMENT OF CHEMISTRY	**Contact and Fees** **X-ray Diffraction Facility and Solid State Characterization Core Lab** USF Department of Chemistry USF Research Park 3720 Spectrum Blvd, IDRB 211B, Tampa, FL 33612

Contact: Dr Lukasz Wojtas	Email: **lwojtas@usf.edu**	Phone: (813) 974-3451

USF ACADEMIC USERS		
Service	**FEE [$/HR]**	**Typical charge for one sample (may vary depending on sample / range)**
Single Crystal Diffractometer (SCXRD) Please see the second page for **co-authorship** policy	**20**	$60-$240
Powder Diffractometer (PXRD)	**20**	$5.33 (16min) (3-50 2theta, 0.01deg step, 0.2sec/step)
TGA	**20**	$20 (25 – 600 °C, 10°C / minute)
DSC	**20**	$20 (25 – 400 °C, 10 °C / minute)
IR	**150**	$5 (Base line + scan 4000 – 400 cm-1, 8 scan accumulation)

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Co-authorship and Acknowledgment Policy

The following guidelines should be used to determine if X-ray crystallographer should be included as a co-author for a publication or if an acknowledgement is sufficient. These guidelines are in accord with recommendations from the American Crystallographic Association and consistent with co-authorship guidelines set forth by most academic journals.

Co-authorship:

Crystallographer should be included as a co-author if:

- structural information derived from the X-ray diffraction experiment is a critical part of the intellectual content of the paper and the structural information has been derived mainly from the diffraction data;
- structural data and models being published require significant input from crystallographer and use of crystallographer's expertise in data processing, modeling and analysis of results;

Acknowledgement:

Acknowledgement only is sufficient in case the structural information was derived from routine data collection and analysis, performed by crystallographer, user or lab assistant, is not a critical part of the intellectual content of the paper and constitutes only minor part of the publication.