

CAS Core Facilities Spring Fall 2018 Report (Zac Atlas) **(Kersuze Simeon-Jones is reporting)**

The Fall 2018 CAS Core facilities committee now consists of the following membership made up of the CAS Core Managers:

NMR Facilities: - Dr. Edwin Rivera & Dr. Igor Luhach
Chemical Purification Analysis and Screening core facility (USF CPAS): - Dr. Laurent Calcul
Structural Chemistry Facility: - Dr. Lukasz Wojtas
CMMB Core facility: - Robert Hill
Geochemical Analysis: - Dr. Zachary Atlas
Stabilized Isotope Lab: - Dr. Anthony Menicucci
Proteomics Lab: - Dr. Dale Chaput
Microscopy Core Facility: - Dr. Claire Dennison
ADR's officer: - Kevin Williams

The CAS Core Facilities Committee met once this semester and are scheduled meet again just before the winter break.

A number of new managers joined the college's cadre of facility managers over the past year:

Dr. Anthony Menicucci was hired mid-summer to replace Jessica Wilson and run the Stabilized Isotope Lab. Dr. Menicucci comes to USF from the University of California, Davis.

Dr. Igor Luhach, who was a previous USF hire in the Department of Mathematics and Statistics, joined the NMR facility in August of this year. He assists Dr. Edwin Rivera in running the two magnets that are currently housed in the IDR Building over in the research park.

Dr. Dale Chaput and Dr. Laurent Calcul joined the college with the absorption of the cores that were formerly with CDDI, while that department was under the auspices of the Office of Research and Innovation. Dr. Chaput continues to run the Proteomics Lab while Dr. Calcul runs the new Chemical Purification Analysis and Screening core facility which is an amalgamation of the previous Chemodiversity lab and the Chemistry Mass Spectrometry and Peptide Core Facility.

The announcement of the Strategic Investment Fund (SIP) Awards and the recent request to submit instrument needs in order to spend down carry forward funds are both viewed by a number of our core managers, as an opportunity to replaced broken down or obsolete equipment in our labs. Dr. Atlas' submission from a previous instrument called was funded and through those funds enabled him to replace an old ICP instrument in the Geochemical Analysis lab.

Based on the recommendations set forth by the university's internal auditors, new invoicing and billing processes are now in place for our cores. The processes are in place to capture the true cost of supporting the cores as well as the total cost of all services offered by our cores.