Dr. Christos Lampropoulos

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Professional / Research Experience

09/2020-present	Biomedical Adjunct Instructor, Florida State College at Jacksonville, Jacksonville.
08/2019-present	Science Teacher, James Weldon Johnson College Preparatory School, Jacksonville
09/2018-present	Freelance consultant, Owner/operator of DrL Consulting Services, Jacksonville
09/2018-present	Business/Industry/technology consultant, Ezassi Inc., Ponte Vedra Beach
08/2016-08/2019	Associate Professor of Chemistry, University of North Florida, Jacksonville
01/2014-01/2016	Founding Partner of Lamp Light Technologies LLC
08/2011-08/2016	Assistant Professor of Chemistry, University of North Florida, Jacksonville
05/2013-08/2013	Visiting Assistant Professor of Chemistry, University of Cyprus, Nicosia, Cyprus
06/2009-06/2011	Post-Doctoral Research Fellow, University of Patras, Patras, Greece

Academic Background

08/2004-05/2009	Ph.D. in Physical-Inorganic Chemistry, Department of Chemistry, University of Florida, Gainesville, FL, USA. Ph.D. Supervisor: Drago Professor George Christou
08/2004-12/2007	M.Sc. in Chemistry, Department of Chemistry, University of Florida, Gainesville, FL, USA. M.Sc. Supervisor: Drago Professor George Christou
08/1999-05/2004	B.A. in Chemistry with Honors, University of Illinois, Chicago, IL, USA. Undergraduate research supervisor: Professor John Morrison

Career Highlights

- External grants total: $591,728 (awarded)
- Peer Reviewed Papers published: 21 published as independent PI (43 papers total published)
- Susan B. Anthony Award (2017)
- One-semester full-pay sabbatical (2017)
- Dean's Leadership Council Fellowship (2017)
- UNF Outstanding Undergraduate Teaching Award (2015)
- Visiting professorship at the University of Cyprus (2013)
- 36 undergraduate mentees mentored / 18 spent one year or more in the group
- 65 presentations in external conferences / 22 student presentations in different UNF events
- 23 Invited seminars and conference presentations

Past External Funding

- **National Science Foundation (NSF-MRI: DMR-1626332 / Budget $118,137)**
  Title: *"MRI: Acquisition of an AC Susceptibility Measurement System for Interdisciplinary Materials Research and STEM Education".*
  Co-PI *along with L. Gasparov, with T. Pekarek as PI*
- **National Science Foundation (NSF-MRI: DMR-1429428 / Budget $407,491)**
  Title: "*MRI: Acquisition of a Single-Crystal Microsource Diffractometer for Interdisciplinary Materials Research and STEM Education*".

Principal Investigator: Dr. C. Lampropoulos (group proposal with other Co-PIs).

- **CCSA Research Corporation for Science Advancement (Budget $45,000)**
  Title**:** "*Target Synthesis of Hybrid Nanomaterials from Single-Molecule Magnets*"
  Principal Investigator: Dr. C. Lampropoulos
- **Jean Dreyfus Boissevain Lectureship for Undergraduate Institutions (Budget $18,500)**
  Principal Investigators: Dr. C. Lampropoulos and Dr. K. Laali.
- **Argonne National Laboratory / Advanced Photon Source – Beamtime Proposal**
  Title: *"Single Crystal X-ray Diffraction Under Pressure of a Molecular Analogue of the Perovskite Repeating Unit. Pressure Probe on the Unprecedented Mn^{III}-Ce^{IV}-Mn^{III} exchange Coupling Pathway"*
  Beamline: 13-BM-C GSECARS (Funded by University of Chicago)
  Principal Investigator: Dr. C. Lampropoulos
- **National High Magnetic Field Laboratory Magnet Use Proposal**
  Title: "HF-EPR of Molecular Magnet-Based Materials Under Ambient and Elevated Pressures"
  Principal Investigator: Dr. C. Lampropoulos
- **Argonne National Laboratory / Advanced Photon Source – Beamtime Proposal**
  Title: "Spin-Crossover Cluster: Searching For The Origin of a Single-Crystal To Single-Crystal Transformation"
  Beamline: 13-BM-C GSECARS (Funded by University of Chicago)
  Principal Investigator: Dr. C. Lampropoulos
- **University of Illinois Materials Computation Center Travel Award (Budget: $1,600**)
  Principal Investigator: Dr. C. Lampropoulos
- **National High Magnetic Field Laboratory Magnet Use Proposal (including $1,000 travel funds)**
  Title: "HFEPR Investigations on (i) the anisotropy of magnetic clusters, and (ii) the quantum mechanical interactions between structural building units in polymers"
  Principal Investigator: Dr. C. Lampropoulos
- **European Commission-Funded Post Doctoral Research:** University of Patras (Patras, Greece)**.**
  Budget: *150,000 Euros* ***Principal investigators***: Dr. C. Lampropoulos, Prof. S. P. Perlepes.
- **NSF-Funded Projects:** Research Assistantship (NSF-CHE-0414555 and NSF-CHE-0910472)
- **NSF-Funded Research:** National High Magnetic Field Laboratory (Tallahassee, FL, USA).
  Subject: "*Characterization of single-molecule magnets using solid-state NMR spectroscopy".*
  Collaborator: Prof. N. Dalal.
- **NSF-Funded Research:** University of Florida and National High Magnetic Field Laboratory (Tallahassee, FL, USA).
  Subject: "*Characterization of single-molecule magnets using high-frequency EPR techniques".*
  Collaborator: Prof. S. Hill.

Past Internal Funding

- **Transformational Learning Opportunities (TLO) and/or Special TLO Awards** (2014-2018)
- **Dean's Leadership Council Fellowship** (2017)
- **Research Enhancement Plan** (2013)
- **Research Development Summer grant** (2013 & 2016)
- **Proposal Development Summer grant** (2012)
- **Academic Technology Grant** (2015)

Authorship Activity

- **Peer-reviewed publications (published/in review):** ***43 total – 21 as PI***
  (24 Full Papers, 18 Communications, 1 review, 8 Invited Papers)
- **Presentations in conferences / research schools:** *92 (67 as PI, excluding internal events)*
- **Google Scholar Statistics (as of August 2019):** h-index: 18
  Citations: 968 (422 since 2015)
  i10-index: 27 (15 since 2015)

Synergistic Activities:

- **Treasurer of the Florida Section of the ACS:** 2018-2020
- **Nominated member of the NHMFL EMR Users Committee:** 2013-2016
- **Nominated member of the ACS Committee for Computers in Chemical Education:** 2013-2016
- **Editorial board membership:** *Austin Journal of Nanomedicine & Nanotechnology* (since 2013)
- **Organizing Committees for local and International Conferences:**
  - Session organizer, 2018 Workshop of the IUCr Comission on High Pressure, IUCr HP 2018 (Honolulu, HI 2018);
  - Inorganic Chemistry session at Florida ACS Meeting (FAME 2016, 2017, 2018, 2019);
  - Bruker Crystallography Users Meeting (Jacksonville 2016);
  - Jean Dreyfus Boissevain Lectureship (Jacksonville 2015);
  - 13th International Conference of Molecule-based Magnets (ICMM 2012);
  - 4th North America Greece Cyprus Workshop on Paramagnetic Materials (NAGC 2011);
  - Florida Inorganic and Materials Symposium (FIMS 2005-2009).
- **Reviewer in International Journals (Since 2011):**
  - *Chemistry of Materials* (ACS)
  - *Nanotechnology* (IOPScience)
  - *Journal of Materials* (Hindawi)
  - *Nanomaterials* (MDPI)
  - *Journal of Coordination Chemistry* (Taylor & Francis);
  - *Journal of Chemical Education* (ACS);
  - *Inorganic Chemistry* (ACS);
  - *Polyhedron* (Elsevier);
  - *Journal of Chemistry* (Hindawi);
  - *ZAAC - Zeitschrift für Anorganische und Allgemeine Chemie* (Willey);
  - *Coordination Chemistry Reviews* (Elsevier);
  - *Inorganica Chimica Acta* (Elsevier).
- **Reviewer for Funding (Since 2011):**
  - ACS Petroleum Research Fund
- **Invited Lectures and Seminars (Since 2011):**
  - Magnetism Across Length Scales Symposium at the ACS National Meeting, Orlando FL, 2019.
  - Florida ACS Meeting and Expo (FAME2019) Invited oral presentation, Palm Harbor FL, 2019;
  - Molecular Magnets Workshop (MMW) at the Sanibel Meeting, St. Simons Island GA, 2018;
  - Invited seminar University of Florida, Gainesville FL, 2017;
  - Invited seminar University of Nevada Las Vegas, Las Vegas NV, 2017;
  - Invited seminar University of Guelph, Guelph Ontario Canada, 2017;
  - Invited seminar Brock University, St. Catharines Ontario Canada, 2017;

- Undergraduate Research and Teaching at the Frontiers of Inorganic Chemistry, SERMACS 2017, Invited oral presentation, Charlotte NC, 2017;
- Current Trends in Molecular & Nanoscale Magnetism / N. America Greece Cyprus workshop on paramagnetic materials (CTMNM/NAGC 2017) Invited oral presentation, Paphos, Cyprus, 2017;
- Invited seminar Georgia Southern University, Statesboro GA, 2017;
- Invited seminar University of South Carolina, Columbia SC, 2016;
- Invited seminar Florida International University, Miami FL, 2015;
- Florida ACS Meeting and Exposition (FAME2015) Invited oral presentation;
- Invited seminar Florida State University, Tallahassee FL, 2015;
- Invited seminar University of South Florida, Tampa FL, 2015;
- Invited seminar University of Athens, Athens, Greece, 2014;
- Invited seminar Indiana University, Bloomington IN, 2013;
- Invited seminar Indiana University Purdue University Indianapolis, Indianapolis IN, 2013;
- North America Greece Cyprus workshop on paramagnetic materials (NAGC2013) Invited oral presentation, Limassol Cyprus, 2013;
- Florida ACS Meeting and Exposition (FAME2013) Invited oral presentation;
- Invited seminar Florida Institute of Technology, Melbourne FL 2012;
- Mastering Leadership Conference, Phoenix, 2012 (invited attendee);
- Hellenic Chemical Society lectureship, Greece 2012;

Teaching Experience:

- **At Florida State College at Jacksonville**
  - CHM 3120 C Elementary Analytical Chemistry (1 section)
  - Teaching online/hybrid using Canvas LMS
- **At Duval County Public Schools**
  - Advanced Accelerated Comprehensive Science 1, 2, and 3 (6^{th}, 7^{th}, 8^{th} grade)
  - Rated Highly Effective teacher
  - Certified Microsoft educator
- **At UNF (Since Fall 2011)**

  Lower Level Teaching
  - CHM 2045 General Chemistry I (14 sections)
  - CHM 2045 L General Chemistry I Laboratory (7 sections)
  - (H) CHM 2045 L Honors General Chemistry I Laboratory (1 section)
  - CHM 2046 General Chemistry II (4 sections)

  Upper Level Teaching
  - CHM 3610 Inorganic Chemistry (7 sections)
  - CHM 3610 L Inorganic Chemistry Laboratory (10 sections)
  - CHM4930 Physical Methods for Inorganic & Materials Chemistry (2 sections)
  - CHM 4910/4930 Chemical Research (22 students)
  - Recipient of the UNF Outstanding Undergraduate Teaching Award for AY2014-15
  - Nominated 2 times for outstanding undergraduate teaching award
- **At the University of Patras (2009-2011) as Lecturer / Guest Lecturer**
  - Magnetism and Magnetic Materials (seminar series)
  - Molecular Materials (lectures part of graduate level course)
  - Bioinorganic Chemistry (lectures part of graduate level course)

- Inorganic Chemistry Laboratory (teaching assistant)

- **At the University of Florida (2004-2009) as a Teaching Assistant (discussion sections)**
  - CHM 2045 General Chemistry I (1 semester)
  - CHM 2046 General Chemistry II (8 semesters)
  - Recipient of the 2006 Department of Chemistry Teaching award
  - Recipient of the UF Center for Research at the Bio/Nano Interface Graduate Student Award in Chemical Education.

Professional Certifications

- FL Department of Education, Science Teacher K6-12.

Research Group Mentorship

- **At UNF (Since Fall 2011):**
  - 36 Undergraduate Students
  - 3 High School Visiting Students
  - 2 Post-Doctoral Fellows / Visiting Faculty
  - Nominated for the UNF Mentor of the year award (AY2013-2014 / 2014-2015 / 2015-2016)
  - The group's alumni and their current occupation (*only students that spent over a year in my group*):

    S. Stone (PA school at Florida State University)
    M. Richter (PhD student at Drexler University)
    M. Shmunes (Medical school in New Mexico)
    M. Glaze (Chemistry PhD candidate at University of Maryland in College Park)
    E. Williams (PhD student at University of South Carolina)
    S. Corrales (Medical School at Edward Via College of Osteopathic Medicine)
    T. A. Jenkins (Chemistry PhD candidate at University of Florida)
    J. T. Bryant (Chemistry PhD student at University of Central Florida)
    M. Garnero (Chemistry PhD student at University of Buffalo)
    J. M. Cain (Chemistry PhD candidate at University of Florida)
    K. A. Uhlig (PhD candidate at Virginia Institute of Marine Science)
    A. Javed (Pharmacist / Finished Pharmacy school at University of Florida)
    C. D. Haun (Director of Labs at CEBA-TEC / finished M.Sc. at University of Florida)
    J. Henthorn (Chemist at Vistakon)
    H. Douglas (Chemist at Royal DSM in North Carolina)
    A. L. Castro (PhD candidate, Chemical Engineering, Georgia Institute of Technology)
    D. Pistey (US Army)
    N. Mhesn (PhD student in Materials Science & Engineering at Clemson University)
    M. Pegram (Engineer at Johnson & Johnson – Graduate student at UF Materials)
    N. Mishra (Pharmacy School at Ohio State University)
    C. McDaniel (NAS Jacksonville)
    R. Thomas (Entrepreneur, president and CEO of software company)
    S. McPherson (Scientist at NAS JAX)
  - The Spring 2019 group, their expertise or current training/project, their tenure in the group, and their future plans if known:

    P. Cannizzo (synthesis / ~ 6 months in the group)
    A. Dabbas (TGA/DSC and emission spectroscopy / ~ 3 months in the group)

B. O'Laughlin (TGA/DSC and emission spectroscopy / ~ 3 months in the group)
S. Green (synthesis / 3 months in the group)

- **At the University of Patras (2009-2011):**
  - 6 Senior Undergraduate Researchers / 2 Graduate Students
- **At the University of Florida (2004-2009):**
  - 3 High School Students / 4 Undergraduate Students
  - Trained 3 Post-doctoral fellows, 8 graduate (M.Sc. and Ph.D) students

Service at the University of North Florida

- **Member of the UNF Budget Advisory Committee**
- **Member of the UNF General Education Council**
- **Host and Organizer of an International Conference at UNF, the 2016 Bruker Users Meeting**
  - Arranged for the venue, hotel, meals, social events, and transportation of the participants.
  - Invited the local x-ray crystallography community (Florida participants)
  - Coordinated with the program chair about the scheduling of the workshop
  - Organized the hands-on workshop at the UNF x-ray lab
  - Organized the poster session and chaired a session
  - Presented a scientific talk about the UNF x-ray lab and my ongoing research.
- **Host of the Dreyfus Boissevain Lectureship:**
  - Coordinated the lecturer selection effort
  - Invited and hosted Prof. K.C. Nicolaou of Rice University
  - Organized 2 seminars for this lectureship (1 general audience and 1 technical talk)
  - General audience talk was part of the Distinguished Voices Lecture Series (1st one organized by the Chemistry Department)
  - Arranged for and participated in radio interviews with the local press
  - Arranged for a diverse audience in the talks from UNF, JU, FSCJ, Edward Waters College, and local high schools
- **Department committees:**
  - 2 Search Committees (Biochemistry and Physical chemistry Tenure-track positions)
  - Curriculum Committee (3 years – 1 year as chair)
  - Space taskforce (2 years)
  - Tenure and promotion committee for regular faculty (3 years)
  - Tenure and promotion committee for lab lecturers (3 years)
  - Mid-tenure review committee for regular faculty (3 years)
  - General Education Task Force (4 years)
  - Program Assessment (6 years)
  - Lab Manual Editing Committee (6 years – 2 years as chair)
- **Chemistry Department Seminar Coordinator (AY 2012-13, 2013-14, 2014-15, 2015-16, 2018):**
  - Invited and hosted 27 high-caliber researchers including 2 Nobel laureates
- **Interdisciplinary Masters degree in Materials and Engineering:**
  - Member of the interdisciplinary committee and participant in the request to plan (RTP) process
- **Departmental Outreach:**
  - Tabling at the fall and spring open house events, and gave departmental tours during the fall and spring open house events (2013 - 2016)

- Gave departmental tour to Boy Scouts during their visit in October 2012

- **Chemistry Representative for the Jacksonville Teacher Residency (JTR) Project**
  - Content consultant for the graduate course Special Methods in Teaching Science
- **Lab Manual Head Editor (AY2013-14, 2014-15):**
  - Lead the editing efforts for the publication of a departmental CHM2045 lab manual.
- **UNF Digital Humanities Initiative:** Advisory board member and member of events committee
- **UNF Committees**
  - Faculty Enhancement Committee (2 years)
  - Space Committee (2 years)
  - Budget Advisory Committee (1 year)
  - General Education Council (1 year)
- **Lecturer of Recorded Review Sessions for Chemistry in the Engineering Fundamentals Exam**
- **Facilitator of Round Table Discussion** at the 2014 UNF S.T.A.R.S conference
- **COAS Convocation Marshal for Fall and Spring Ceremonies:** 2012-present

Experimental Techniques and Skills

- X-ray Crystallography (collection and analysis of single-crystal X-ray diffraction data, and pressure x-ray crystallography)
- High-pressure science (x-ray diffraction and magnetism) in diamond-anvil cells
- Crystallization (growth of single crystals) of chemical compounds.
- Synthesis and purification of metal complexes (monomers, clusters, coordination polymers).
- Solvothermal and Hydrothermal techniques.
- Characterization and Study of compounds with thermal techniques (*TG/DTG, DTA, DSC*), electrochemistry and cyclic voltammetry (*CV*), spectroscopic methods (*IR, Raman, UV/VIS, Mössbauer, EPR, HFEPR, NMR, Mass-spec*), microscopy (*SEM*), and elemental analysis.
- Full Magnetic Characterization of chemical compounds in a SQUID magnetometer and MPMS system, and simulation of the experimental data to theoretical models.
- Full Electronic and Mechanical Maintenance of the MPMS-SQUID and PPMS magnetometer apparatus and their accompanying devices/supplies.
- Full cryogenic maintenance of major instruments.
- Qualitative and quantitative analysis of metal ions using instrumental methods.
- Writing and submitting scientific papers and research proposals.
- Chemical Safety and Chemical Waste Management
- Expertise in molecular modeling software (*2D and 3D chemical structure representations*), statistical and data-processing software (*ORIGIN, SigmaPlot*), graphic designing software (*Adobe Photoshop CS, Adobe Dreamweaver CS, Macromedia Flash*), webpage designing software.

Awards and Achievements

National and International

- Nominated and Elected Member of the NHMFL EMR Users Committee, 2013.
- Visiting Assistant Professorship, University of Cyprus, Summer 2013.
- Nominated and Elected member of the Committee for Computers in Chemical Education, 2013.
- Hellenic Association of Chemists Lectureship Award, Summer 2012.

- Howard Hughes Medical Institute (*HHMI*), Science for Life Graduate Student Mentor Award, Spring 2009.
- Graduate Student Travel Award, 37th SE Magnetic Resonance Conference (*SEMRC 2008*).
- The Crow Stasch Award of excellence in scientific publication, 2008.
- Center for Research in the Bio-Nano Interface, Graduate Student Award in Chemical Education, 2008.
- UF College of Liberal Arts and Sciences, Travel awards for participation at the 10th International Conference on Molecular-based Magnets (*ICMM*), Victoria Canada, 2006.
- UF Department of Chemistry Teaching Award for the academic year 2005-2006.
- Gerondelis Foundation Scholarship, 2005.
- Honors College Tuition waiver for the academic years 2000-2004, Univ. of Illinois at Chicago.
- National Bank of Greece, Outstanding Undergraduate Student Award, 2004.

Internal at UNF

- Susan B. Anthony Award, 2017 (first male recipient).
- Dean's Leadership Council Fellowship, 2017.
- One-semester full-pay sabbatical, 2017.
- UNF TLO Special Request, Fall 2018.
- Nominated for the 2017 and 2018 Outstanding International Leadership Award
- Research Development Grant, UNF, Summer 2016.
- UNF TLO Special Request, Spring 2016.
- UNF TLO award, Fall 2015.
- Academic Technology Grant, Fall 2015.
- UNF 2014-2015 Outstanding Undergraduate Teaching Award, Spring 2015.
- COAS Travel Award from private donor, Fall 2014.
- UNF TLO award, Fall 2014.
- Nominated for the 2013-2014 and 2014-2015 Mentor of the Year Award, Spring 2014 and 2015.
- Nominated for the 2013-2014 Outstanding Undergraduate Teaching Award, Fall 2013.
- Research Enhancement Grant, UNF, Fall 2013.
- Research Development Grant, UNF, Summer 2013.
- Proposal Development Grant, UNF, Summer 2012.

Membership in Professional Organizations and Honors Societies

- National Education Association (2019 – present)
- Florida Education Association (2019 – present)
- National High Magnetic Field Laboratory, EMR Users Committee (term 2013 – 2016)
- American Chemical Society (ACS) (since 2007) / Treasurer of the FL section (2018 – present)
- ACS Committee for Computers in Chemical Education (term 2013 – 2016)
- Hellenic Association of Chemists (since 2009)
- *ΦΚΦ* Honor Society (since 2003)
- *ΦΗΣ* International Honors Society (since 2000)
- International Society of Collegiate Scholars (since 2000)
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Publications

Notes: Undergraduate coauthors are signified with asterisks.
My name underlined signifies corresponding authorship.

Media Publications *(scientific magazines)*

- **Lampropoulos, C.** "2016 Bruker users meeting held at the University of North Florida" *American Crystallographic Association (ACA) "Reflexions" magazine,* Spring 2016, pp. 17.

Publications in International Peer-Reviewed Journals

In Preparation / Under Resubmission

- Haraldsen, J. T.; Manual, I.;* Gasparov, L. V.; Miro, P.; Williams, E. R.;* **Lampropoulos, C.**; Alexandropoulos, D. I.; Stamatatos, T. C. *Journal of Physical Chemistry* **2019**, *under resubmission*.
- **Lampropoulos, C.** "An Undergraduate Laboratory Experiment in Inorganic Chemistry: Synthesis and Characterization of a Dodecanuclear Molecular Cluster With Exotic Magnetic Properties" *Journal of Chemical Education* **2019**, *under resubmission*.
- Papatriantafyllopoulou, C.; Manos, M. J.; Moushi, E. E.; Christou, G.; Cain, J. M.;* **Lampropoulos, C.**; Tasiopoulos, A. J. "Mn_{20} Carboxylate-Bridged Single-Molecule Magnet With the Metal Core Topology of a Staggered Bicapped Meissner Supertetrahedron: High-Yield Synthesis, and Reactivity Studies" *Inorganic Chemistry* **2019**, *in preparation*.
- **Lampropoulos, C.**; Vinslava, A.; Abboud, K. A.; Christou, G. "Homo- and Heterometalic Manganese Triangles: New Single-Molecule Magnets, and Probes of Magnetic Interactions and Spin Frustration Effects", *Inorganic Chemistry* **2019**, *in preparation*.

Published Papers as an Assistant and Associate Professor at UNF

43. Pantelis, K. N.; Perlepe, P. S.; Grammatikopoulos, S.; **Lampropoulos, C.**; Tang, J.; Stamatatos, T. C. "4f-Metal Clusters Exhibiting Slow Relaxation of Magnetization: A $\{Dy_7\}$ Complex with An Hourglass-like Metal Topology" *Molecules* **2020**, *25*, 2191. DOI: 10.3390/molecules25092191
42. Pantelis, K. N.; Karotsis, G.; **Lampropoulos, C.**; Luis, C.-S.; Escuer, A.; Stamatatos, T. C. "'Metal Complexes as Ligands' for the Synthesis of Coordination Polymers: A Mn^{III} Monomer as a Building Block for the Preparation of an Unprecedented 1-D $\{Mn^{II}Mn^{III}\}_n$ Linear Chain" *Materials* **2020**, *13*, 1352. DOI: 10.3390/ma13061352
41. Laos, R.; **Lampropoulos, C.**; Benner, S. A. "The surprising self-pairing of imidazo-[1,2a]-1,3,5-triazin-[8H]-4-one, a component of an artificially expanded genetic information system" *Acta Crystallographica* **2019**, C75, 22-28. DOI: 10.1107/S2053229618016923
40. Worrell, A.; Sun, D.; Mayans, J.; **Lampropoulos, C.**; Escuer, A.; Stamatatos, T. C. "Oximato-Based Ligands in 3*d*/4*f*-Metal Cluster Chemistry: A Family of $\{Cu_3Ln\}$ Complexes with a "Propeller"-like Topology and Single-Molecule Magnetic Behavior" *Inorganic Chemistry* **2018**, *57*, 13944-13952. DOI: 10.1021/acs.inorgchem.8b02495
39. Alaimo, A. A.; Alexandropoulos, D. I.; **Lampropoulos, C.**; Stamatatos, T. C. "New insights in Mn-Ca chemistry from the use of oximate-based ligands: $\{Mn^{II/III}_{22}Ca_2\}$ and $\{Mn^{IV}_2Ca_2\}$ complexes with relevance to both low- and high-valent states of the oxygen-evolving complex" *Polyhedron* **2018**, *149*, 39-44. 10.1016/j.poly.2018.04.020 ***(Invited)***

38. Alaimo, A. A.; Worrell, A.; Gupta, S. D.; Abboud, K. A.; **Lampropoulos, C.**; Christou, G.; Stamatatos, T. C. "Structural and Magnetic Variations in a Family of Isoskeletal, Oximate-bridged $\{Mn^{IV}_2M^{III}\}$ Complexes (M^{III} = Mn, Gd, Dy)" *Chemistry – A European Journal* **2018**, *24*, 2588-2592. 10.1002/chem.201706098
37. Jenkins, T.;* Garnero, M.;* Corrales, S. A.;* Mowson, A. M.; Ozarowski, A.; Wernsdrofer, W.; Christou, G.; **Lampropoulos, C.** "Controlled Dimerization of Mn_{12} Single-Molecule Magnets" *Inorganic Chemistry* **2017**, 56, 14755. 10.1021/acs.inorgchem.7b02640
36. Alexandropoulos, D. I.; Mazarakioti, E. C.; Corrales, S. A.;* Bryant, J. T.;* **Lampropoulos, C.**; Stamatatos, T. C. "New ligands for uranium complexation: A stable uranyl dimer bearing 2,6-diacetylpyridine dioxime" *Inorganic Chemistry Communications* **2017**, *78*, 13. DOI: 10.1016/j.inoche.2017.01.021
35. Afkhami, F. A.; Khandar, A. A.; White, J. M.; Guerri, A.; Ienco, A.; Bryant, J.;* Mhesn, N.;* **Lampropoulos, C.** "Assembly of anion-controlled cadmium (II) coordination polymers from the use of 2-acetyl-pyridyl-isonicotinoilhydrazone" *Inorganica Chimica Acta* **2017**, *457*, 150. DOI: 10.1016/j.ica.2016.12.009
34. Pekarek, T. M.; Edwards, P. S.;* Olejniczak, T. L.;* **Lampropoulos, C.**; Miotkowski, I.; Ramdas, A. K. "Magnetic properties of the layered III-VI diluted magnetic semiconductor $Ga_{1-x}Fe_xTe$" *AIP Advances* **2016**, 6, 056222. DOI: 10.1063/1.4945335
33. Corrales, S.;* Cain, J. M.;* Uhlig, K. A.;* Mowson, A. M.; Papatriantafyllopoulou, C.; Peprah, M.; Ozarowski, A.; Tasiopoulos, A. J.; Christou, G.; Meisel, M. W.; **Lampropoulos, C.** "Introducing Dimensionality To The Archetypical Mn_{12} Single-Molecule Magnet: A Family of $[Mn_{12}]_n$ Chains" *Inorganic Chemistry* **2016**, *55*, 1367. DOI: 10.1021/acs.inorgchem.6b00058
32. Perlepe, P. S.; Cunha-Silva, L.; Gagnon, K. J.; Teat, S. J.; **Lampropoulos, C.**; Escuer, A.; Stamatatos, T. C. "Ligands-with-Benefits": Naphthalene-Substituted Schiff Bases Yielding New Ni(II) Metal Clusters with Ferromagnetic and Emissive Properties and Undergoing Exciting Transformations" *Inorganic Chemistry* **2016**, *55*, 1270. DOI: 10.1021/acs.inorgchem.5b02492
31. Mahmoudi, G.; Gargari, M. S.; Afkhami, F. A.; **Lampropoulos, C.**; Abedi, M.; Corrales, S. A.;* Khandar, A. A.; Mague, J.; Van Derveer, D.; Ghosh, B. K.; Masummi, A. "Mercury (II) Coordination Complexes Bearing Schiff Base Ligands: What Affects Their Nuclearity and/or Dimensionality" *Polyhedron* **2015**, *93*, 46. DOI: 10.1016/j.poly.2015.03.035
30. Khandar, A. A.; Ghosh, B. K.; **Lampropoulos, C.**; Gargari, M. S.; Yilmaz, V. T.; Bhar, K.; Hosseini-Yazdi, S. A.; Cain, J.;* Mahmoudi, G. "Coordination Complexes and Polymers From the Initial Application of Phenyl-2-pyridyle Ketone Azine in Mercury Chemistry" *Polyhedron* **2015**, *85*, 467. DOI: 10.1016/j.poly.2014.09.005
29. **Lampropoulos, C.**; Thuijs, A. E.; Mitchell, K. J.; Abboud, K. A.; Christou, G. "Manganese/Cerium Clusters Spanning a Range of Oxidation Levels and $CeMn_8$, Ce_2Mn_4, and Ce_6Mn_4 Nuclearities: Structural, Magnetic and EPR Properties" *Inorganic Chemistry* **2014**, *53*, 6805. DOI: 10.1021/ic500617f
28. **Lampropoulos, C.**; Cain, J. M.* "Transition Metal Clusters: A Unique STEM Playground" *Austin Journal of Nanomedicine and Nanotechnology* **2014**, *2* (3), 1019. ***(Invited Review)***
27. Zartilas, S.; Papatriantafyllopoulou, C.; Stamatatos, T. C.; Nastopoulos, V.; Cremades, E.; Ruiz, E.; Christou, G.; **Lampropoulos**, **C.;** Tasiopoulos, A. J. "A $Mn^{II}_6Mn^{III}_6$ Single-Strand Molecular Wheel with a Reuleaux Triangular Topology: Synthesis, Structure, Magnetism, and DFT Studies" *Inorganic Chemistry*, **2013**, *52*, 12070. DOI: 10.1021/ic401872c

26. Kizas, C. M.; Papatriantafyllopoulou, C.; Pissas, M.; Sanakis, Y.; Tasiopoulos, A. J.; Javed, A.;* **Lampropoulos, C.** "Synthesis, Magnetic and Spectroscopic Characterization of a new Fe_7 Cluster With a Six-Pointed Star Topology" *Polyhedron* **2013**, *64*, 280. DOI: 10.1016/j.poly.2013.05.015

25. Henthorn, J. D.;* Mishra, N.;* Haun, C. D.;* Castro, A. L.;* Douglas, H. G.;* Pegram, M.;* Stadelmaier, B.; Huebner, J. S.; **Lampropoulos, C.** "Using Single-Molecule Magnets as Analyte-Recognition Compounds in Photo-Electric Chemical Sensors: Recent Results from $[Mn_{12}O_{12}(O_2CCH_3)_{16}(H_2O)_4]\cdot 2CH_3COOH\cdot 4H_2O$, and $[Mn_{12}O_{12}(O_2CPh)_{16}(H_2O)_4]$" *Polyhedron* **2013**, *53*, 62. DOI: 10.1016/j.poly.2013.01.017

24. Adams, S. T.; da Silva Neto, E. H.; Datta, S.; Ware, J. F.; **Lampropoulos**, **C.**; Christou, G.; Myaesoedov, Y.; Zeldov, E.; Friedman, J. R. "Geometric-Phase Interference in a Mn_{12} Single-Molecule Magnet with Fourfold Rotational Symmetry" *Physical Review Letters* **2013**, *110*, 087205. DOI: 10.1103/PhysRevLett.110.087205

23. **Lampropoulos**, **C.;** Murugesu, M.; Harter, A. G.; Wernsdofer, W.; Hill, S.; Dalal, N. S.; Reyes, A. P.; Kuhns, P. L.; Abboud, K. A.; Christou, G. "Synthesis, Structure, and Spectroscopic and Magnetic Characterization of $[Mn_{12}O_{12}(O_2CCH_2Bu^t)_{16}(MeOH)_4]\cdot MeOH$, a Mn_{12} Single-Molecule Magnet with True Axial Symmetry" *Inorganic Chemistry* **2013**, *52*, 258. DOI: 10.1021/ic301764t

Published Papers Prior to UNF

22 Li, S.; Bo, L.; Wen, B.; Sarachik, M. P.; Subedi, P.; Kent, A. D.; Yeshurun, Y.; Millis, A. J.; **Lampropoulos**, **C.**; Mukherjee, S.; Christou, G. "Experimental Determination of the Weiss Temperature of Mn_{12}-Ac and Mn_{12}-Ac-MeOH", *Physical Review B* **2010**, *82*, 174405. DOI: 10.1103/PhysRevB.82.174405.

21 Moushi, E. E.; **Lampropoulos**, **C.**; Wernsdorfer, W.; Nastopoulos, V.; Christou, G.; Tasiopoulos, A. J. "Including Single-molecule Magnetism in a Family of Loop-of-loops aggregates: Heterometallic $Mn_{40}Na_4$ Clusters and the Homometallic Mn_{44} Analog", *Journal of the American Chemical Society* **2010**, *132*, 16146. DOI: 10.1021/ja106666h

20. Chen, L.; Wernsdorfer, W.; **Lampropoulos**, **C.;** Christou, G.; Chiorescu, I. "On-chip SQUID Measurements in the Presence of High Magnetic Fields" *Nanotechnology* **2010**, *21*, 405504. DOI:10.1088/0957-4484/21/40/405504

19. Wen, B. ; Subedi, P.; Bo, L.; Yeshurun, Y.; Sarachik, M. P.; Kent, A. D.; Millis, A. J.; **Lampropoulos**, **C.;** Christou, G. "Realization of Random-field Ising Ferromagnetism in a Molecular Magnet" *Physical Review B* **2010**, *82*, 014406. DOI: 10.1103/PhysRevB.82.014406

18. Koumousi, E. S.; Manos, M. J.; **Lampropoulos**, **C.**; Tasiopoulos, A. J.; Wernsdorfer, W.; Christou, G.; Stamatatos, T. C. "α-Benzoin Oxime in Higher Oxidation State 3d Metal Cluster Chemistry: Structural and Magnetic Study of a New Mn^{III}_9 Complex", *Inorganic Chemistry* **2010**, *49*, 3077. DOI: 10.1021/ic100178y

17. **Lampropoulos**, **C.;** Redler, G.; Data, S.; Abboud, K. A.; Hill, S.; Christou, G. "Binding of Higher Alcohols onto Mn_{12} Single-Molecule Magnets: Engineering the Highest Barrier Mn_{12} SMM" *Inorganic Chemistry* **2010**, *49*, 1325. DOI: 10.1021/ic901480y

16. Mukherjee, S.; Daniels, M. R.; Bagai, R.; Abboud, K. A.; Christou, G.; **Lampropoulos**, **C.** "A variety of new tri- and tetranuclear Mn-Ln and Fe-Ln (Ln = lanthanide) complexes" *Polyhedron* **2010**, *29*, 54. DOI:10.1016/j.poly.2009.06.003 (***Invited paper*** for the special issue of Polyhedron entitled: *Polyhedron: the Next Generation)*

15. **Lampropoulos**, **C.**; Stamatatos, T. C.; Manos, M. J.; Tasiopoulos, A. J.; Abboud, K. A.; Christou, G. "New mixed-valence $Mn^{II/III}_6$ complexes bearing oximato and azido ligands: Synthesis, and structural and magnetic characterization" *European Journal of Inorganic Chemistry* **2010**, *15*, 2244. DOI: 10.1002/ejic.200901013
14. **Lampropoulos**, **C.**; Hill, S.; Christou, G. "A Caveat for single-molecule magnetism: non-linear Arrhenius plots" *Chem.Phys.Chem.* **2009**, *10*, 2397. DOI: 10.1002/cphc.200900420
13. Redler, G.; **Lampropoulos**, **C.**; Datta, S.; Koo, C.; Stamatatos, T. C.; Chakov, N. E.; Christou, G.; Hill, S. "Crystal lattice desolvation effects on the magnetic quantum tunneling of single-molecule magnets" *Physical Review B* **2009**, *80*, 094408. DOI: 10.1103/PhysRevB.80.094408
12. **Lampropoulos**, **C.**; Stamatatos, T. C.; Abboud, K. A.; Christou, G. "A convenient Mn^{III} starting material for the synthesis of homo- and heterometallic manganese carboxylate clusters: Mn_9 and $Mn_{10-x}Fe_x$ complexes" *Polyhedron* **2009**, *28*, 1958. DOI:10.1016/j.poly.2008.11.026 ***(Invited)***
11. **Lampropoulos**, **C.**; Abboud, K. A.; Stamatatos, T. C.; Christou, G. "A nontwisted, ferromagnetically coupled Mn^{III}_3O triangular complex from the use of 2,6-bis(hydroxymethyl)-*p*-cresol" *Inorganic Chemistry* **2009**, *48*, 813. DOI: 10.1021/ic802084h
10. **Lampropoulos**, **C.**; Stamatatos, T. C.; Abboud, K. A.; Christou, G. "Initial use of dioximate ligands in 3d/4f cluster chemistry: Synthesis, structure, and magnetic studies of an unusual $[Gd^{III}_2Mn^{IV}O]^{8+}$ complex" *Inorganic Chemistry* **2009**, *48*, 429. DOI: 10.1021/ic802005a
9. Burzurí, E.; Carbonera, C.; Luis, F.; Ruiz-Molina, D.; **Lampropoulos, C.**; Christou, G. "Alignment of magnetic anisotropy axes in crystals of Mn_{12} molecular nanomagnets: Angle-dependent ac susceptibility study" *Physical Review B* **2009**, *80*, 224428. DOI: 10.1103/PhysRevB.80.224428
8. Macià, F.; Hernandez, J. M.; Tejada, J.; Datta, S.; Hill, S.; **Lampropoulos**, **C.**; Christou, G. "Effects of quantum mechanics on the deflagration threshold in the molecular magnet Mn_{12} acetate" *Physical Review B* **2009**, *79*, 092403. DOI: 10.1103/PhysRevB.79.092403
7. Stamatatos, T. C.; Christou, A. G.; Mukherjee, S.; Poole, K. M.; **Lampropoulos**, **C.**; Abboud, K. A.; O'Brien, T. A.; Christou, G. "High-yield syntheses and reactivity studies of Fe_{10} "ferric wheels": Structural, magnetic, and computational characterization of a star-shaped Fe_8 complex" *Inorganic Chemistry* **2008**, *47*, 9021. DOI: 10.1021/ic801038r
6. **Lampropoulos**, **C.**; Koo, C.; Hill, S.; Abboud, K. A.; Christou, G. "Synthesis, magnetism, and High-Frequency EPR spectroscopy of a family of mixed-valent cuboctahedral Mn_{13} complexes with 1,8-naphthalenedicarboxylate ligands" *Inorganic Chemistry* **2008**, *47*, 11180. DOI: 10.1021/ic801484g
5. Macià, F.; Lawrence, J.; Hill, S.; Hernandez, J. M.; Tejada, J.; Santos, P. V.; **Lampropoulos**, **C.**; Christou, G. "Spin dynamics in single-molecule magnets combining surface acoustic waves and high-frequency electron paramagnetic resonance" *Physical Review B* **2008**, *77*, 020403. DOI: 10.1103/PhysRevB.77.020403
4. Milios, C. J.; Wood, P. A.; Parsons, S.; Albiol, D. F.; **Lampropoulos**, **C.**; Christou, G.; Perlepes, S. P.; Brechin, E. K. "The use of methylsalicyloxime in manganese chemistry: A $[Mn^{III}_3]$ triangle and its oxidation to a $[Mn^{IV}_4Ce^{III}_2]$ rod" *Inorganica Chimica Acta* **2007**, *360*, 3932. DOI:10.1016/j.ica.2007.06.031
3. Moushi, E. E.; **Lampropoulos**, **C.**; Wernsdorfer, W.; Nastopoulos, V.; Christou, G.; Tasiopoulos, A. J. "A loop-of-loops: A $[Mn_{10}Na]_4$ aggregate of four linked Mn_{10} loops" *Inorganic Chemistry* **2007**, *46*, 3795. DOI: 10.1021/ic062454o

2. Harter, A. G.; **Lampropoulos**, **C.**; Murugesu, M.; Kuhns, P.; Reyes, A.; Christou, G.; Dalal, N. S. "^{55}Mn nuclear spin relaxation in the truly axial single-molecule magnet Mn_{12}-t-butylacetate thermally-activated down to 400 mK" *Polyhedron* **2007**, *26*, 2320. DOI:10.1016/j.poly.2006.11.039 ***(Invited)***
1. **Lampropoulos**, **C.**; Murugesu, M.; Abboud, K. A.; Christou, G. "A family of mixed-valent $Mn^{IV}Mn^{III}_6Mn^{II}_6$ tridecanuclear clusters and their magentostructural corelation" *Polyhedron* **2007**, *26*, 2129. DOI:10.1016/j.poly.2006.10.038 ***(Invited)***

Oral (O) and Poster (P) Presentations in Symposia and Conferences [1, 2, 3]

Conference Presentations as an Assistant/Associate Professor at UNF

92. (IO) **C. Lampropoulos** "*Controlled growth of Mn_{12} single-molecule magnet polymers and oligomers*", invited oral presentation at the *2019 Florida ACS Meeting (FAME 2019)*, Palm Harbor FL, May 9-11, **2019**.
91. (IO) **C. Lampropoulos** "*Controlled growth of Mn_{12} single-molecule magnet polymers and oligomers*", invited speaker at the Magnetism Across Length Scales Symposium at the National ACS Meeting and Exposition, Orlando FL, April 2-4, **2019**.
90. (P) **C. Lampropoulos**, M. Glaze, Th. C. Stamatatos, J. Hareldsen, L. V. Gasparov, P. Miro, "Uranium sequesters from the use of oximate ligands", *Florida Inorganic and Materials Symposium (FIMS 2018)*, Gainesville FL, September 28-29, **2018**.
89. (IO) **C. Lampropoulos**, "Single-molecule magnets, their oligomers and polymers: their structure, magnetic properties at ambient and high pressures, and high-field EPR spectroscopy", invited oral presentation at the *2018 Florida ACS Meeting (FAME 2018)*, Palm Harbor FL, May 3-5, **2018**.
88. (IO) **C. Lampropoulos**, "Single-molecule magnets: a lemon worth squeezing", invited oral presentation at the *Molecular Magnets Workshop* (MMW) at the Sanibel Conference, St. Simons Island GA, February 23-24, **2018**.
87. (IO) **C. Lampropoulos**, "Using coordination chemistry tools in heavy metal separations, sensing, and hybrid molecule-based materials", *invited seminar,* University of Florida, Gainesville FL, December 4th, **2017**.
86. (IO) **C. Lampropoulos**, "Single-molecule magnets: a lemon worth squeezing", *invited seminar,* High Pressure Science and Engineering Center, University of Nevada Las Vegas, Las Vegas NV, November 29th, **2017**.
85. (IO) **C. Lampropoulos**, "Striving for synthetic control in cluster chemistry: the quest for hybrid molecule-based materials", invited oral presentation at the symposium *Undergraduate research and teaching at the frontiers of inorganic chemistry* at the South East Regional American Chemical Society conference (SERMACS 2017), Charlotte NC, November 7-11, **2017**.
84. (P) A. S. Worrell, A. A. Alaimo, G. Christou, **C. Lampropoulos**, T. C. Stamatatos, "Structural and Magnetic Variations in a family of isoskeletal {MnIV2MIII} bent-like complexes (MIII = Mn, Gd, Dy), 50th Inorganic Discussion Weekend, Toronto ON Canada, November 3-5, **2017**.
83. (IO) **C. Lampropoulos**, "Striving for synthetic control in cluster chemistry: the quest for hybrid molecule-based materials", *invited seminar,* Brock University, St. Catharines ON Canada, October 20th, **2017**.
82. (IO) **C. Lampropoulos**, "Striving for synthetic control in cluster chemistry: the quest for hybrid molecule-based materials", *invited seminar,* University of Guelph, Guelph ON Canada, October 17th, **2017**.

81. (P) **C. Lampropoulos**, E. Williams, S. Stone, T. M. Pekarek, L.V. Gasparov, "High pressure science at UNF", *Florida Inorganic and Materials Symposium* (FIMS 2017), Gainesville, FL, October **2017**). (**UNF undergraduate student presenters**)
80. (P) M. Shmunes, T. Jenkins, S. A. Corrales, M. Glaze, E. Williams, S. Stone, A. Mowson, G. Christou, A. Ozarowski, M. Peprah, M. Meisel, W. Wernsdorfer, **C. Lampropoulos**, "Polymerization and Designed Oligomerization of Mn_{12} Single-Molecule Magnets", *Florida Inorganic and Materials Symposium* (FIMS 2017), Gainesville, FL, October **2017**). (**UNF undergraduate student presenters**)
79. (P) A. S. Worrell, T. C. Stamatatos, **C. Lampropoulos**, J. Tang, "First use of acenaphthenequinone dioxime as bridging/chelating ligand in heterometallic Mn/Ln cluster chemistry: ferromagnetic complexes and single-molecule magnets", 100th Canadian Chemistry Conference and Exhibition, Abstract 2IPZBS, Toronto ON Canada, May 28-June 1, **2017**.
78. (IO) **C. Lampropoulos**, "Applying pressure to materials: the why, the how, the what", *Current Trends in Molecular and Nanoscale Magnetism / North America Greece Cyprus workshop on paramagnetic materials (CTNM / NAGC 2017)*, Paphos, Cyprus, May 7-12th, **2017**.
77. (O) J. Bryant, **C. Lampropoulos**, "Stable uranyl complexes from the use of 2,6-diacetylpyridine dioxime: experimental and in-silico investigation", *Florida ACS Meeting (FAME 2017)*, Palm Harbor, FL, May 4-6th, **2017**. (**UNF undergraduate student presenter**)
76. (P) S. Corrales, T. Jenkins, D. Pistey, E. Williams, …, **C. Lampropoulos**, "Pushing diol bridges to their limits: synthesis and characterization of single-molecule magnet chains, oligomers, and networks", *Florida ACS Meeting (FAME 2017)*, Palm Harbor, FL, May 4-6th, **2017**. (**UNF undergraduate student presenters**)
75. (IO) **C. Lampropoulos**, "Applying coordination chemistry principles in the quest for hybrid molecule-based materials", *invited seminar*, Georgia Southern University, Statesboro, GA, April 13th, **2017**.
74. (O) T.M. Pekarek, P.S. Edwards, T.L. Olejniczak, J. Garner, C. Lampropoulos, I. Miotkowski, and A.K. Ramdas "Magnetic properties of the layered III-VI diluted magnetic semiconductor $Ga_{1-x}Fe_xTe$" Bull. Am. Phys. Soc., Vol. 62, No. 4, (2017). American Physical Society March Meeting, New Orleans, LA, March 13-17, **2017**. (Abstract: BAPS.2017.MAR.G1.262)
73. (P) J. Bryant, N. Mhesn, S. Corrales, J. Cain, **C. Lampropoulos**, "Optical properties of molecules: from transition metals to actinides", *Workshop on 2D and Dirac Materials*, Jacksonville, FL, December **2016**. (**UNF undergraduate student presenters**)
72. (IP) **C. Lampropoulos**, "Taking Single-Molecule Magnets to New Dimensions: Molecules to Dimensional Polymers, Toward Hybrid Materials", *Workshop on 2D and Dirac Materials*, Jacksonville Beach, FL, December 12-14, **2016**.
71. (P) T.M. Pekarek, T.L. Olejniczak, C. Lampropoulos, I. Mitkowski, and A.K. Ramdas "Magnetic measurements on the layered III-VI Diluted Magnetic Semiconductor $Ga_{1-x}Fe_xTe$" *The electronic and optical properties of 2D and Dirac materials conference*, Jacksonville Beach, FL, December 12-14, 2016. (**UNF undergraduate student presenters**)
70. (IO) **C. Lampropoulos**, "Applying coordination chemistry principles in the quest for hybrid molecule-based materials", *invited seminar*, University of South Carolina, Columbia, SC, November 9th, **2016**.

69. (P) S. Corrales, T. Jenkins, R. Thomas, **C. Lampropoulos**, "Molecular magnets gone dimensional: Mn_{12}-based chains, oligomers, and networks", *Florida Inorganic and Materials Symposium* (FIMS 2016), Gainesville, FL, October **2016**). (**UNF undergraduate student presenters**)
68. (O) R. Thomas, **C. Lampropoulos**, "Single-Molecule Magnets Weaved into Coordination Polymers and Metal-Organic Frameworks", *Florida Inorganic and Materials Symposium* (FIMS 2016), Gainesville, FL, October **2016**). (**UNF undergraduate student presenter**)
67. (IP) **C. Lampropoulos**, "Pressure possibilities in cluster chemistry: the case of single-molecule magnets", *invited poster and flash presentation*, 49th crystallography course – High pressure crystallography, Erice, Italy, May 27-June 5th, **2016**.
66. (P) **C. Lampropoulos**, T. A. Jenkins, M. Garnero, S. A. Corrales "Molecular magnets gone dimensional", Florida ACS Meeting (FAME 2016), Palm Harbor, FL, May 5-7th, **2016**. (**UNF undergraduate student presenters**)
65. (P) **C. Lampropoulos**, J. Bryant, N. Mhesn, S. A. Corrales, F. A. Afkhami, G. Mahmoudi "Schiff base ligands in Hg(II) and Cd(II) chemistry", Florida ACS Meeting (FAME 2016), Palm Harbor, FL, May 5-7th, **2016**. (**UNF undergraduate student presenters**)
64. (O) **C. Lampropoulos**, "Molecular magnets gone dimensional" *251st National Meeting and Exposition*, San Diego, CA, March 13-17, **2016** (Abstract INOR 1356).
63. (IO) **C. Lampropoulos**, "The great dependence of cluster chemistry on x-ray crystallography", *invited oral presentation*, *2016 Bruker Users Meeting*, Jacksonville, FL, January 18-19th, **2016**.
62. (O) T.M. Pekarek, T.L. Olejniczak, **C. Lampropoulos**, I. Miotkowski, A.K. Ramdas "Magnetization measurements on the layered III-VI diluted magnetic semiconductor $Ga_{1-x}Fe_xTe$," MMM conference, New Orleans, LA, October 31-November 4, **2016**.
61. (O) Y. Chen, A.D. Kent, Q. Zhang, M.P. Sarachik, M.L. Baker, D.A. Garanin, N. Mhesn, **C. Lampropoulos** "Time-resolved measurements of spontaneous magnetic deflagration of Mn_{12}^{t}BuAc" American Physical Society March meeting, Baltimore MD, March 14-18, **2016**. (Abstract: BAPS.2016.MAR.B21.11)
60. (IO) **C. Lampropoulos**, "Applying coordination chemistry principles in the quest for hybrid molecule-based materials", *invited seminar*, Florida International University (FIU), Miami, FL, November 20th, **2015**.
59. (IO) **C. Lampropoulos**, "Applying coordination chemistry principles in the quest for hybrid molecule-based materials", *invited seminar*, University of North Florida (UNF), Jacksonville, FL, September 25th, **2015**.

Conference Presentations as an Assistant Professor at UNF

58. (P) **C. Lampropoulos**, J. M. Cain, S. Corrales, N. Mhesn, K. A. Uhlig, A. Ozarowski, C. Papatriantafyllopoulou, A. J. Tasiopoulos, M. Peprah, M. Meisel, A. M. Mowsonm G. Christou, J. Kinyon, N. S. Dalal", *International Conference on Research in High Magnetic Fields (RHMF 2015)*, Grenoble, France, July 1-4, **2015**.
57. (IO) **C. Lampropoulos**, "Hybrid molecule-based materials: an amalgam of coordination & cluster chemistries, magnetochemistry, mesoscopic physics, and surface science", *Florida ACS Meeting and Exposition (FAME2015)*, Tampa, FL, May 7-9, **2015**.
56. (P) **C. Lampropoulos,** N. Mhesn, S. Corrales, T. Jenkins, B. Voss, C. Papatriantafyllopoulou, A. Mowson, A. Ozarowski, J. Kinyon, M. Peprah, A. J. Tasiopoulos, G. Christou, N. Dalal, M. Meisel, "Molecular Magnets Gone Dimensional: Synthesis & Characterization of Single-Molecule Magnet

Aggregates", *Florida ACS Meeting and Exposition (FAME2015)*, Tampa, FL, May 7-9, **2015**. (**UNF undergraduate student presenters**)

55. (IO) **C. Lampropoulos**, "Molecule-Based Magnetic Materials: Molecular Magnets, Magnetic Polymers, Magnetic Oligomers", *invited seminar*, Florida State University (FSU), Tallahassee, FL, April 7th, **2015**.
54. (IO) **C. Lampropoulos**, "Molecule-Based Magnetic Materials: Molecular Magnets, Magnetic Polymers, Magnetic Oligomers", *invited seminar*, University of South Florida (USF), Tampa, FL, January 29th, **2015**.
53. (O) Y. Chen, A. D. Kent, Q. Zhang, M. P. Sarachik, M. L. Baker, D. A. Garanin, N. Mhesn, **C. Lampropoulos**, "Spontaneous Magnetic Deflagration of Mn_{12}^{t}BuAc in a Transverse Field" *American Physical Society* - March 2015 Meeting, San Antonio, TX, March 2-6, **2015** (Abstract B31.00005).
52. (O) S. Corrales, **C. Lampropoulos**, "Aggregation of Single-molecule Magnets via Targeted Structural Modifications" *Florida Inorganic and Materials Symposium*, Gainesville, FL, October 3-4, **2014**. (**UNF undergraduate student presenter**)
51. (P) **C. Lampropoulos**, N. Mhesn, S. Corrales, T. Jenkins, C. Papatriantafyllopoulou, A. J. Tasiopoulos, B. Noll "The Syntheses of One-Dimensional SMM-based Chains" *Florida Inorganic and Materials Symposium*, Gainesville, FL, October 3-4, **2014**. (**UNF undergraduate student presenters**)
50. (IO) **C. Lampropoulos** "Single-molecule Magnets and Molecule-based Sensors: Design, Synthesis, and characterization", *invited seminar*, University of Athens, Athens-Greece, July 3rd, **2014**.
49. (P) **C. Lampropoulos**, J. M. Cain, N. Mhesn, A. M. Mowson, C. Papatriantafyllopoulou, A. J. Tasiopoulos, G. Christou "Transition Metal Clusters: From Molecules to Supramolecular Aggregates" *Florida ACS Meeting and Exposition (FAME2014),* Tampa, USA, May 8-10, **2014**. (**UNF undergraduate student presenters**)
48. (P) **C. Lampropoulos**, "Molecular Magnetic Materials: From Synthesis to Characterization", Poster on display at the Museum of Science and History, Jacksonville, FL. http://www.themosh.org
47. (P) J. M. Cain, **C. Lampropoulos**, "Molecular Magnetic Materials: From Synthesis to Characterization", *Florida Inorganic and Materials Symposium*, Gainesville, FL, October 18-19, **2013**. (**UNF undergraduate student presenter**). *Best undergraduate poster award.*
46. (O) J. M. Cain, **C. Lampropoulos**, "The First Family of One-Dimensional Arrays of Mn_{12} SMMs", *Florida Inorganic and Materials Symposium*, Gainesville, FL, October 18-19, **2013**. (**UNF undergraduate student presenter**)
45. (O) **C. Lampropoulos**, "Taking Single-Molecule Magnets to New Directions: From Molecules to Hybrid Materials and to Devices", *National ACS Meeting and Exposition*, Indianapolis, IN, September 8-12, **2013** (Abstract INOR 198).
44. (IO) **C. Lampropoulos**, "Interlacing STEM Disciplines in the Search for New Molecular Magnetic Materials & Science Education Technologies", *invited seminar*, Indiana University (IU), Bloomington, IN, September 12th, **2013**.
43. (IO) **C. Lampropoulos**, "Interlacing STEM Disciplines in the Search for New Molecular Magnetic Materials & Science Education Technologies", *invited seminar*, Indiana University Purdue University Indianapolis (IUPUI), Indianapolis, IN, September 10th, **2013**.

42. (IO) **C. Lampropoulos**, "Taking Single-Molecule Magnets to New Directions: From Molecules to Hybrid Materials and to Devices", *North-America Greece Cyprus workshop on Paramagnetic Materials (NAGC2013), invited oral presentation*, Limassol, Cyprus, May 22-26, **2013**.
41. (P) K. A. Uhlig, A. Javed, J. M. Cain, S. Datta, A. M. Mowson, C. Papatriantafyllopoulou, D. Alexandropoulos, A. J. Tasiopoulos, T. C. Stamatatos, G. Christou, **C. Lampropoulos**, "The Search for New Molecular Magnetic Materials: Altering Current Single-Molecule Magnets, Or Starting from Scratch?" *Florida ACS Meeting and Exposition (FAME2013), poster presentation*, Tampa, USA, May 9-11, **2013**. (**UNF undergraduate student presenters**)
40. (P) M. Pegram, J. S. Huebner, **C. Lampropoulos**, "Chasing the "Magic" Analyte – Analyte Recognition Compound (ARC) Pair: Molecular Clusters as ARCs on Photoelectric Chemical Sensors (PECS)", *Florida ACS Meeting and Exposition (FAME2013),* Tampa, USA, May 9-11, **2013**. (**UNF undergraduate student presenters**)
39. (IO) **C. Lampropoulos**, "Taking Single-Molecule Magnets to New Directions: From Molecules to Hybrid Materials and to Devices", *Florida ACS Meeting and Exposition (FAME2013), invited oral presentation at the Materials session*, Tampa, USA, May 9-11, **2013**.
38. (P) M. D. Pegram, J. Henthorn, N. Mishra, C. D. Haun, J. S. Huebner, **C. Lampropoulos**, "The Development of Chemical Sensors", *Florida Undergraduate Research Conference*, Gainesville USA, February 22-23, **2013**. (**UNF undergraduate student presenters**)
37. (IO) **C. Lampropoulos**, "Taking Single-Molecule Magnets to New Directions: From Molecules to Hybrid Materials and to Devices", *Florida Institute of Technology, invited seminar*, Melbourne, USA, November 1st, **2012**.
36. (P) C. McDaniel, **C. Lampropoulos**, A. Castro, C. Papatriantafyllopoulou, A. M. Mowson, A. J. Tasiopoulos, G. Christou, "Attempts to Assess the Dimensionality-Property Relationship in SMMs", *13th International Conference on Molecule-based Magnets*, Orlando, USA, October 7-11, **2012**, [MP-089] in the Book of Abstracts.
35. (P) J. Henthorn, N. Mishra, J. S. Huebner, **C. Lampropoulos**, "Magnetic Clusters as Analyte Recognition Compounds in Sensors", *13th International Conference on Molecule-based Magnets*, Orlando, USA, October 7-11, **2012**, [MP-090] in the Book of Abstracts.
34. (O) Anastasios J. Tasiopoulos, E. E. Moushi, M. Charalambous, C. Papatriantafyllopoulou, **C. Lampropoulos**, T. C. Stamatatos, V. Nastopoulos, W. Wernsdorfer, G. Christou, "High Nuclearity, High Spin Clusters and Single Molecule Magnets from the use of 1,3-Propanediol in Mn Chemistry", *13th International Conference on Molecule-based Magnets*, Orlando, USA, October 7-11, **2012**, [ThC-03] in the Book of Abstracts.
33. (P) J. Henthorn, N. Mishra, C. D. Haun, M. D. Pegram, J. S. Huebner, **C. Lampropoulos**, "Magnetic Clusters as Analyte Recognition Compounds in Sensors", *Florida Inorganic & Materials Symposium*, Gainesville, USA, September 28-29, **2012**. (**UNF undergraduate student presenters**)
32. (P) C. McDaniel, **C. Lampropoulos**, A. Castro, C. Papatriantafyllopoulou, A. M. Mowson, K. Uhlig, N. Spadaro, A. J. Tasiopoulos, G. Christou, "Synthesis and Characterization of the First 1D chain based on the Mn_{12} building block", *Florida Inorganic & Materials Symposium*, Gainesville, USA, September 28-29, **2012**. (**UNF undergraduate student presenters**)
31. (O) K. Uhlig, **C. Lampropoulos**, "Attempts to Assess the Dimensionality-Property Relationship in SMMs", *Florida Inorganic & Materials Symposium*, Gainesville, USA, September 28-29, **2012**. (**UNF undergraduate student presenters**)

30. (P) C. McDaniel, **C. Lampropoulos**, "Active Investigations of the Dimensionality-Property Relationship in Single-Molecule Magnets", *Florida ACS Meeting and Exposition*, Tampa, USA, May 17-19, **2012**. (**UNF undergraduate student presenters**).
29. (P) C. Haun, A. Castro, J. S. Huebner, **C. Lampropoulos**, "Transition Metal Clusters as Analyte Recognition Compounds in Sensors", *Florida ACS Meeting and Exposition*, Tampa, USA, May 17-19, **2012**. (**UNF undergraduate student presenters**).
28. (O) A. J. Tasiopoulos, E. E. Moushi, M. Charalampous, C. Papatriantafyllopoulou, **C. Lampropoulos**, T. C. Stamatatos, V. Nastopoulos, W. Wernsdorfer, G. Christou, "High Nuclearity, High Spin Clusters and Single-Molecule Magnets from the Use of 1,3-Propanediol in Mn Chemistry", *12th Eurasia Conference on Chemical Sciences (EuAsC_2S-12)*, Corfu, Greece, April 16-21, **2012**.
27. (P) C. McDaniel, H. Douglas, C. Haun, A. Castro, **C. Lampropoulos**, "Single-Molecule Magnets: A Playground for Magnetochemists, Physicists, and Spectroscopists", *2nd Annual Florida Undergraduate Research Conference*, DeLand, USA, March 16-17, **2012**. (**UNF undergraduate student presenters**).
26. (P) H. Douglas, C. Haun, **C. Lampropoulos**, "Single-Molecule Magnets: A Playground for Magnetochemists, Physicists, and Spectroscopists", *Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy PITTCON*, Orlando, USA, March 11-15, **2012**, Abstract 790-26P in the Book of Abstracts. (**UNF undergraduate student presenters**).

Conference Presentations Prior to UNF

25. (O) **C. Lampropoulos**, "High-symmetry and High-Barrier Mn_{12} Single Molecule Magnets (SMMs): Engineering the Highest Barrier Mn_{12} SMM", *4th N. America – Greece – Cyprus Workshop on Paramagnetic Materials*, Patras, Greece, June 14-18, **2011**.
24. (O) S. Li, P. Subedi, Y. Yeshurun, M. P. Sarachik, A. D. Kent, **C. Lampropoulos**, G. Christou, "The effect of sample aspect ratio on Curie temperature of Mn_{12}-ac", *American Physical Society March Meeting*, Portland, USA, March 15-19, **2010**, Abstract P33.00005 in the Book of Abstracts.
23. (O) B. Wen, P. Subedi, L. Bo, Y. Yeshurun, M. P. Sarachik, A. D. Kent, **C. Lampropoulos**, G. Christou, "The role of ligand disorder in the long range dipolar ordering of Mn_{12}-ac", *American Physical Society March Meeting*, Portland, USA, March 15-19, **2010**, Abstract P33.00004 in the Book of Abstracts.
22. (O) P. Subedi, B. Wen, L. Bo, M. Sarachik, Y. Yeshurun, A. Kent, **C. Lampropoulos**, G. Christou, "Susceptibility of single molecule magnet Mn_{12}-acetate single crystals as a function of temperature and transverse field", *American Physical Society March Meeting*, Portland, USA, March 15-19, **2010**, Abstract P33.00003 in the Book of Abstracts.
21. (O) **C. Lampropoulos**, "Probing Magnetic Interactions With Triangular Clusters: Homo- and Heterrometallic Oxide-Centered Mn Triangles", *3rd N. America – Greece – Cyprus Workshop on Paramagnetic Materials*, Portaras, Cyprus, June 15-19, **2009**.
20. (O) **C. Lampropoulos**, "Probing Magnetic Interactions With Triangular Clusters: Homo- and Heterrometallic Oxide-Centered Mn Triangles", *Florida Annual Meeting and Exposition*, Orlando, USA, May 14-17, **2009**, p. 48 in the Book of Abstracts.
19. (O) **C. Lampropoulos**, "High-Symmetry Mn_{12} SMMs: Synthesis, and physical and spectroscopic characterization", *Florida Inorganic & Materials Symposium*, Gainesville, USA, September 12-13, **2008**.

18. (O) **C. Lampropoulos**, "Polynuclear homo- and heterometallic manganese clusters: Synthesis, structures, and magnetic properties", *Department of Chemistry, University of Florida, Seminar*, Gainesville, USA, September 10, **2007**.
17. (O) **C. Lampropoulos**, "Homo- and heterometalic manganese clusters: New ligands, synthetic routes, and research directions", *Department of Chemistry, University of Florida, Seminar*, Gainesville, USA, January 8, **2007**.
16. (O) **C. Lampropoulos**, "Dicarboxylate ligands in manganese cluster chemistry: A new family of tridecanuclear manganese clusters", *Department of Chemistry, University of Florida, Seminar,* Gainesville, USA, February 13, **2006**.
15. (P) G. Redler, C. Koo, S. Datta, **C. Lampropoulos**, T. C. Stamatatos, G. Christou, S. Hill, "Magnetization barrier reduction in Mn_{12} single-molecule magnets", *American Physical Society March Meeting*, Pittsburgh, USA, March, **2009**, Abstract A31.0004 in the Book of Abstracts.
14. (O) J.R. Friedman, E. H. da Silva Neto, **C. Lampropoulos**, G. Christou, N. Avraham, Y. Myaesoedov, H. Shtrikman, E. Zeldov, "Geometric-phase effect in the thermally assisted resonant tunneling of Mn_{12}-^{t}BuAc", *American Physical Society March Meeting*, Pittsburgh, USA, March, **2009**, Abstract A31.0008.
13. (P) **C. Lampropoulos**, J. Lawrence, A. Harter, W. Wernsdorfer, K. A. Abboud, N. S. Dalal, S. Hill, G. Christou, "A new Mn_{12} single-molecule magnet with tetragonal (axial) symmetry: magnetic characterization, and single-crystal spectroscopy studies using ^{55}Mn NMR and high-field EPR (HFEPR)", *Southeastern Magnetic Resonance Conference*, Tallahassee, USA, October 17-19, **2008**.
12. (O) S. Hill, J. Lawrence, F. Macia, J. M. Hernandez, J. Tejada, P. Santos, **C. Lampropoulos**, G. Christou, "Spin dynamics in single-molecule magnets combining surface acoustic waves and high frequency electron paramagnetic resonance", *American Physical Society March Meeting*, New Orleans, LA, March 10-14, **2008**, Abstract V32.00012 in the Book of Abstracts.
11. (O) S. Hill, G. Redler, S. Datta, C. Koo, **C. Lampropoulos**, G. Christou, "The effective barrier to magnetization reversal in single-molecule magnets", *53rd Conference on Magnetism and Magnetic Materials* (MMM), Austin, USA, November 10-14, **2008**.
10. (O) E. Burzurí, C. Carbonera, F. Luisa, D. Ruiz-Molina, **C. Lampropoulos**, G. Christou, "How well aligned are the magnetic anisotropy axes in crystals of Mn_{12} molecular nanomagnets? An angle-dependent ac susceptibility study", *Nano Spain 2008*, Braga, Portugal, April 14-18, **2008**.
9. (P) E. E. Moushi, **C. Lampropoulos**, Th. C. Stamatatos, V. Nastopoulos, W. Wernsdorfer, G. Christou, A. J. Tasiopoulos, "Synthesis, crystal structures and magnetic properties of two new high nuclearity manganese clusters with 1,3-propanediol", *9th FIGIPAS Meeting in Inorganic Chemistry*, Vienna, Austria, July 4-7, **2007**. Abstract PO-110.
8. (P) Th. C. Stamatatos, **C. Lampropoulos**, K. A. Abboud, W. Wernsdorfer, G. Christou, "High nuclearity, high symmetry, high spin molecules: A mixed-valence Mn_{10} cage possessing rare *T* symmetry and an $S = 22$ ground state", *Florida Inorganic Mini-Symposium*, Gainesville, Florida, USA, October 14, **2006**. One page in the Book of Abstracts.
7. (P) Th. C. Stamatatos, **C. Lampropoulos**, W. Wernsdorfer, K. A. Abboud, G. Christou, "A new world record for the spin on a molecule: A new Mn_{25} complex possessing an $S = 61/2$ ground state and single-molecule magnetism behavior", *Florida Inorganic Mini-Symposium*, Gainesville, Florida, USA, October 14, **2006**. One page in the Book of Abstracts.
6. (P) Th. C. Stamatatos, **C. Lampropoulos**, K. A. Abboud, W. Wernsdorfer, G. Christou, "High nuclearity, high symmetry, high spin molecules: A mixed-valence Mn_{10} cage possessing rare *T*

symmetry and an $S = 22$ ground state", *10th International Conference on Molecule-based Magnets*, Victoria, Canada, August 13-17, **2006**, p. 0174 in the Book of Abstracts.

5. (P) Th. C. Stamatatos, **C. Lampropoulos**, W. Wernsdorfer, K. A. Abboud, G. Christou, "A new world record for the spin on a molecule: A new Mn_{25} complex possessing an $S = 61/2$ ground state and single-molecule magnetism behavior", *10th International Conference on Molecule-based Magnets*, Victoria, Canada, August 13-17, **2006**, p. 0170 in the Book of Abstracts.
4. (P) A. G. Harter, **C. Lampropoulos**, R. Bagai, E. Hicks, P. Kuhns, A. Reyes, G. Christou, N. S. Dalal, "Longitudinal-Relaxation in a Family of Single-Molecule Magnets", *10th International Conference on Molecule-based Magnets*, Victoria, Canada, August 13-17, **2006**, p. 0102 in the Book of Abstracts.
3. (P) **C. Lampropoulos**, M. Murugesu, K. A. Abboud, G. Christou, "A family of mixed-valent $Mn^{IV}Mn^{III}_6Mn^{II}_6$ tridecanuclear clusters, and their magnetostructural correlation", *10th International Conference on Molecule-based Magnets*, Victoria, Canada, August 13-17, **2006**, p. 0169 in the Book of Abstracts.
2. (O) A. Harter, N. Chakov, **C. Lampropoulos**, G. Christou, P. Kuhns, A. Reyes, N. S. Dalal, "Working Hard to Understand Relaxation: NMR and Single-Molecule Magnets", *Florida Regional ACS Meeting*, Orlando, FL, May 11-13, **2006**.
1. (P) **C. Lampropoulos**, M. Murugesu, K. A. Abboud, G. Christou, "Synthesis and characterization of a family of mixed-valent Mn^{II}-Mn^{IV}-Mn^{III} tridecanuclear clusters", *231st National American Chemical Society Meeting*, Atlanta, USA, March 26-30, **2006**. Abstract INOR 197.

[1] This list excludes various internal events and poster sessions on the UNF campus
[2] The conferences listed here are either peer-reviewed or selective for contributed works
[3] Invited oral presentations and seminars are denoted by "(IO)"

<u>Student Presentations at UNF Poster Sessions</u> [4, 5]

22. **C. Lampropoulos**, M. Richter, M. Shmunes, M. Glaze, E. Williams, S. Stone "Polymerization and Designed Oligomerization of Mn_{12} Single-Molecule Magnets", SOARS, April 2018.
21. **C. Lampropoulos**, E. Williams, S. Stone "High pressure science at UNF", Natural Sciences Poster Session, October 2017).
20. M. Shmunes, T. Jenkins, S. A. Corrales, M. Glaze, E. Williams, S. Stone, **C. Lampropoulos** "Polymerization and Designed Oligomerization of Mn_{12} Single-Molecule Magnets", Natural Sciences Poster Session, Gainesville, FL, October 2017).
19. **C. Lampropoulos**, S. Corrales, T. Jenkins, R. Thomas "Molecular Magnets Gone Dimensional: Mn_{12}-Based Chains, Oligomers, and Networks", SOARS, April 2016.
18. **C. Lampropoulos**, S. Corrales, T. Jenkins, R. Thomas "Molecular Magnets Gone Dimensional: Mn_{12}-Based Chains, Oligomers, and Networks", Natural Sciences Poster Session, October 2016.
17. **C. Lampropoulos**, J. Bryant, N. Mhesn, S. A. Corrales, F. A. Afkhami, G. Mahmoudi "Schiff base ligands in Hg(II) and Cd(II) chemistry", SOARS, April 13th, 2016.
16. **C. Lampropoulos**, T. Jenkins, M. Garnero, S. Corrales "Molecular Magnets Gone Dimensional" SOARS, April 13th, 2016.
15. N. Mhesn, S. Corrales, T. Jenkins, D. Pistey, B. Voss, **C. Lampropoulos** "Molecular Magnets Gone Dimensional" Natural Sciences Poster Session, October 16th, 2015.

14. N. Mhesn, S. Corrales, T. Jenkins, **C. Lampropoulos** "Aggregating Single-Molecule Magnets (SMM)s: Synthesis and Characterization of the First SMM Polymers and Oligomers" SOARS April 17th 2015 (***3 Poster Awards***).
13. J. M. Cain, N. Mhesn, **C. Lampropoulos** "Transition Metal Clusters: From Molecules to Supramolecular Aggregates" SOARS April 18th, 2014.
12. **C. Lampropoulos** "Interlacing STEM Disciplines in the Search for New Molecular Magnetic Materials & Science Education Technologies" STARS, April 14, 2014 (competition poster presented by Dr. Lampropoulos).
11. N. Mhesn, T. Jenkins, S. Corrales, **C. Lampropoulos** "The Syntheses of One-Dimensional SMM-Based Chains" Natural Sciences Poster Session, October 24th 2014.
10. S. Corrales, N. Mhesn, T. Jenkins, **C. Lampropoulos** "Novel Aggregates of Mn12 Single-Molecule Magnets: Syntheses, X-ray Crystallography, Magnetic Properties, Thermal Stability Studies, and High-Field EPR" Natural Sciences Poster Session, October 24th 2014.
9. M. Pegram, J. Henthorn, C. D. Haun, **C. Lampropoulos** "The Development of Chemical Sensors and the Engineering of a Pressure Chamber for Pressure Swing Absorption Studies on Metal Organic Frameworks" SOARS, April 19, 2013.
8. A. Javed, K. Uhlig, **C. Lampropoulos** "The First Family of Linked Mn_{12} Single-Molecule Magnets" SOARS, April 19th 2013.
7. J. M. Cain, M. Pegram, K.A. Uhlig, A. Javed, **C. Lampropoulos** "Molecular Magnetic Materials: From Synthesis to Characterization" Natural Sciences Poster Session, November 1st 2013.
6. C. McDaniel, **C. Lampropoulos** "Single-Molecule Magnets: An Investigation of the Dimensionality-Structure Relationship" STARS, April 11th 2012.
5. A. L. Castro, H. Douglas, C. D. Haun, **C. Lampropoulos** "Single-Molecule Magnets: A Playground for Magnetochemists, Physicists, and Spectroscopists" STARS, April 11th 2012.
4. C. McDaniel, A. L. Castro, **C. Lampropoulos** "Single-Molecule Magnets: An Investigation of the Dimensionality-Structure Relationship" SOARS, April 13th 2012.
3. A. L. Castro, H. Douglas, C. D. Haun, **C. Lampropoulos** "Single-Molecule Magnets: A Playground for Magnetochemists, Physicists, and Spectroscopists" SOARS, April 13th 2012.
2. J. Henthorn, N. Mishra, **C. Lampropoulos** "Magnetic Clusters as Analyte Recognition Compounds in Sensors" Natural Sciences Poster Session, October 19th 2012.
1. C. McDaniel, A. L. Castro, **C. Lampropoulos** "Attempts to Assess the Dimensionality-Property Relationship in SMMs" Natural Sciences Poster Session, October 19th 2012.

[4] Only the undergraduate student presenters are listed.

[5] Abbreviations: SOARS = Showcase of Osprey Advancements in Research & Scholarship; STARS = Scholars Transforming Academic Research Symposium.

<u>Certifications / Licenses</u>

- Florida Department of Education (FLDOE) Teacher Certification
- Certified Microsoft Educator
- FLDOE ELL endorsement, currently pursued.
- FLDOE Gifted endorsement, currently pursued.
- Duval County Public Schools Innovative educator program, currently pursued.
- Florida State College at Jacksonville, Distance learning training.
- Mental Health First Aid certification, Mental Health First Aid USA.

Attendance of Seminars and Research Schools

- Almax EasyLab Inc. training on diamond anvil cell technology for x-ray crystallography and magnetism, Diksmuide, Belgium, May 14-17, **2017**.
- 49th International Summer School on High Pressure X-ray Crystallography, Erice, Italy, May 27-June 5, **2016**.
- National Science Foundation (NSF) Grants Meeting, Tampa FL, June 1-3, **2015**.
- "*It Doesn't Always Have to be a Single Crystal*", Bruker Webinar, October, **2014**.
- "*Absolute Structure Determination for Light Atom Structures*", Bruker Webinar, April **2013**.
- "*Chemical Weapons Workshop*", Nicosia, Cyprus, May 28th, **2013**.
- "Course Redesign for Effective Learning Workshop" CREL 2013, UNF, May 1-7, **2013**.
- "*Current trends in nanoscopic and mesoscopic magnetism*", Santorini, Greece, September 6-9, **2006**.

Organization and Participation in Online Conferences [6, 7, 8]

- CCED Conf. Chem. 2015 / Theme: "Interactive Visualizations for Chemistry Teaching and Learning"
- CCED Conf. Chem. 2014 / Theme: "Flipped Classroom"
- Fall 2014 CCED Newsletter Discussion of virtual posters
- Fall 2013 CCED Newsletter Discussion of virtual posters

[6] The Committee for Computers in Chemical Education of the ACS Division of Chemical Education organizes these virtual conferences, and newsletter discussions.

[7] Authors write a paper or virtual poster, and then participants ask questions and there is an active discussion on the topics presented by the authors.

[8] Members of the committee choose the theme for the Conf. Chem., identifying authors, organize and/or moderate them, and participate in the discussion.