Jose Franco Da Cunha Leme Filho

1101 E Grand Ave
Carbondale, IL 62901
Email: jose.leme@siu.edu / jfleme2@gmail.com
www.drleme.com
Ig: @doc.leme

Southern Illinois University
1205 Lincoln Drive, Room 176C
Carbondale, IL 62901

EDUCATION

Doctor of Philosophy (Ph.D.) 2016 – 2020
School of Plant and Environmental Sciences
Virginia Polytechnic Institute and State University, Blacksburg – VA

Master of Science (MSc.) 2014 – 2016
Department of Crop, Soil and Environmental Sciences
Auburn University, Auburn – AL

Bachelor of Science (Hons) in Agronomy 2005 – 2011
Universidade Estadual de Londrina, Londrina, Parana, Brazil

PROFESSIONAL EXPERIENCES

Assistant Professor of Cannabis Biology and Cultivation Systems *Aug 2021 – Present*
Southern Illinois University Carbondale, IL
School of Agricultural Sciences / School of Biological Sciences

Postdoctoral Associate *May 2020 – Aug 2021*
Virginia Polytechnic Institute and State University Blacksburg, VA
School of Plant and Environmental Sciences

Graduate Research Assistant *Aug 2016 – May 2020*
Virginia Polytechnic Institute and State University Blacksburg, VA
School of Plant and Environmental Sciences

Graduate Research Assistant *May 2014 – Aug 2016*
Auburn University Auburn, AL
Department of Crop, Soil and Environmental Sciences

Trading Supervisor *Jan 2011 – Aug 2013*
Cargill Inc. Cascavel and Maringa, Parana, Brazil

TEACHING EXPERIENCES

Teaching Appointment
Southern Illinois University
College of Agricultural, Life and Physical Sciences Carbondale, IL

HORT 350 Controlled Environment Agriculture (CEA)	Present
HORT 440 Applied Greenhouse Management	Present
HORT 481 Cannabis Production and Supply Chain	Present
HORT 482 Cannabis Practicum	Present
PLB 590 Introduction to Research	Present
CSEM / HORT 409 Crop Physiology	Present

STUDENT TRAINING

Graduate students (as a major professor/committee member)
Southern Illinois University
College of Agricultural, Life and Physical Sciences Carbondale, IL

- Spencer Schuchman (Masters's Degree) Graduation – May 2023
- Anthony Ally-Novak (Master's Degree) Graduation – May 2024
- Bryan Foster (Ph.D.) Graduation – May 2025

- Gorman Saunders (Master's Degree) Graduation – August 2025

AWARDS

- Graduate Student oral session awards (virtual): Agronomic Production Systems Division - Industrial Hemp Production (Grain/Fiber and CBD) Nov 2020
  2nd place at ASA-CSSA-SSSA Conference, Phoenix, AZ
- Graduate Student poster competition awards: Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Division Nov 2019
  3rd place at ASA-CSSA-SSSA Conference, San Antonio, TX
- $3,200 Scholarship award - William T. Steele, Jr. June 2019
- $3,100 Scholarship award - David J. Spence June 2019
- $700 Graduate Scholarship award - Celeste W. Reynolds June 2019
- $1,500 Scholarship award - Charles I. Rich Memorial May 2019
- Graduate Student poster competition awards: Soil Biology and Biochemistry Division Nov 2017
  3rd place at ASA-CSSA-SSSA Conference, Tampa, FL

PEER-REVIWED JOURNAL PUBLICATIONS

1) **Da Cunha Leme Filho**, J. F, W. E. Thomason, G. Evanylo, X. Zhang, M. Strickland, B. Chim, C. Bermand, and A. A. Diatta. 2020. Corn response to an integrated plant nutrition system (IPNS) with humic acid and biofertilizers. Journal of Agricultural Science. DOI: 10.5539/jas.v12n8p25
2) **Da Cunha Leme Filho**, J. F., W. E. Thomason, G. Evanylo, X. Zhang, M. Strickland, B. Chim, and A. A. Diatta. 2020. The synergistic effects of humic substances and biofertilizers on plant development and microbial activity: a review. International Journal of Plant and Soil Science. DOI: 10.9734/IJPSS/2020/v32i730306
3) Diatta, A.A., W.E. Thomason, O. Abaye, T.L. Thompson, M.L. Battaglia, L.J. Vaughan, M. Lo, and J.F. **Da Cunha Leme Filho**. 2020. Assessment of nitrogen fixation by mungbean genotypes in different soil textures using ^{15}N natural abundance method. Journal of Soil Science and Plant Nutrition. DOI: 10.1007/s42729-020-00290-2
4) **Da Cunha Leme Filho**, J. F., B. Ortiz, D. Damianidis, M. Dougherty, K. S. Balkcom, and T. Knappenberger. 2020. Irrigation scheduling to promote corn productivity in central Alabama. Journal of Agricultural Science. DOI: 10.5539/jas.v12n9p34
5) **Da Cunha Leme Filho**, J. F., W. E. Thomason, G. Evanylo, X. Zhang, M. Strickland, B. Chim, and A. A. Diatta. 2020. Biochemical and physiological responses of Cannabis sativa to an integrated plant nutrition system. Agronomy Journal. DOI: 10.1002/agj2.20400
6) **Da Cunha Leme Filho**, J. F., B. Ortiz, M. Dougherty, D. Damianidis, K. S. Balkcom, and T. Knappenberger. 2020. Evaluation of two irrigation scheduling methods and nitrogen rates on corn production in Alabama. International Journal of Agronomy. DOI: 10.1155/2020/8869383
7) **Da Cunha Leme Filho**, J. F., W. E. Thomason, G. Evanylo, X. Zhang, M. Strickland, B. Chim, and A. Diatta. 2020. An integrated plant nutrition system for corn in the Mid-Atlantic USA. Journal of Plant Nutrition. DOI: 10.1080/01904167.2020.1849298
8) Swoish, M., J. F. **Da Cunha Leme Filho**, M. S. Reiter, R. D. Stewart, and W.E. Thomason. 2021.Trinexapac-Ethyl rate and timing impact on malt barley production in Virginia. Crop, Forage and Turfgrass Management. DOI: 10.1002/cft2.20101
9) Swoish, M., J. F. **Da Cunha Leme Filho**, M. S. Reiter, J. B Campbell, and W.E. Thomason. 2022. Comparing satellites and vegetation indices for cover crop biomass estimation. Computers and Electronics in Agriculture. DOI: 10.1016/j.compag.2022.106900