

## Contact

[www.linkedin.com/in/margaret-kocherga](http://www.linkedin.com/in/margaret-kocherga) (LinkedIn)

## Top Skills

Chemistry

Teaching

Dance Education

## Languages

English (Native or Bilingual)

Ukrainian (Professional Working)

Russian (Certified Translator)  
(Native or Bilingual)

## Certifications

Progressing Ballet Technique

Venture Deals

Translation English-Russian

## Honors-Awards

NSF-GRFP Honorable mention

The Community Service Award

Improving Graduate Student  
Preparedness for Entering the  
Workplace Supplement Program

Inorganic Chemistry Award for  
Undergraduate Research

Louis G. Daignault Award

## Publications

Si(bzimpy)<sub>2</sub> – a hexacoordinate  
silicon pincer complex for electron  
transport and electroluminescence

Accessing New Microporous  
Polyspirobifluorenes Via a C/Si  
Switch

HEXACOORDINATE PINCER  
COMPLEXES AND APPLICATIONS  
THEREOF

Stepwise Assembly of an  
Electroactive Framework from a  
Co<sub>6</sub>S<sub>8</sub> Superatomic Metalloligand  
and Cuprous Iodide Building Units

# Margaret Kocherga, PhD

Founder| Materials scientist for organic electronics| Dancer/  
choreographer| TEDx Speaker

Charlotte Metro

## Experience

Argonne National Laboratory

Argonne National Laboratory ORISE Fellow & Chain Reaction  
Innovations Cohort 4 Innovator

August 2020 - Present (2 years 9 months)

Chicago, Illinois, United States

Oak Ridge Institute for Science and Education Fellow and Cohort 4 Innovator  
in the Chain Reaction Innovations program at Argonne National Laboratory.

Margik

Founder and CEO

November 2019 - Present (3 years 6 months)

Charlotte, North Carolina Area

Light and Charge Solutions, LLC

Entrepreneur Lead for startup: Light and Charge Solutions, LLC

February 2019 - Present (4 years 3 months)

United States

Gaston Dance Theatre

Dance teacher

September 2013 - Present (9 years 8 months)

Gastonia, NC

Dance teacher/ choreographer

Styles: ballet, ballroom/Latin, beginner tap, gymnastics for dancers, acrobatics

for dancers, conditioning

volunteer

Split Second Sound

Assistant DJ

April 2012 - Present (11 years 1 month)

volunteer

University of North Carolina at Charlotte

4 years 1 month

#### Graduate Research Assistant

November 2016 - August 2020 (3 years 10 months)

Working on project "Organics/inorganic hybrid materials for electronic device applications" in Dr. Schmedake's lab.

#### Graduate Teaching Assistant

August 2016 - May 2018 (1 year 10 months)

Teaching, preparing lectures, and grading for general chemistry I labs and nursing chemistry I labs.

#### STEM conference 2017

Presented polymer kit

2017 - 2017 (less than a year)

#### New Attitude Performing Arts Center

Dance Teacher

October 2014 - July 2016 (1 year 10 months)

Rock Hill, SC

Ballet teacher

#### UNC Charlotte

Undergraduate Assistant, Chemistry

August 2015 - May 2016 (10 months)

Quantitative Analysis and Physical Chemistry laboratory assistant.

Fundamentals of Chemistry, Physical Chemistry and Survey of Physical Chemistry grader

#### Championz Cheer and Dance

Senior dance teacher

July 2012 - June 2015 (3 years)

Matthews, NC

Senior dance teacher/ choreographer/ staff interviews

Styles: ballet, modern, contemporary, jazz, lyrical, beginner acro, beginner tap, beginner-intermediate hip hop

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## Education

University of North Carolina at Charlotte

Doctor of Philosophy (Ph.D.), Nanoscale science · (2016 - 2020)

University of North Carolina at Charlotte  
Bachelor's Degree, Chemistry · (2014 - 2016)

Central Piedmont Community College  
Associate of Science (AS), Chemistry · (2010 - 2013)