



UNIVERSITY OF CENTRAL FLORIDA

# Chemistry PhD Graduate Program Handbook

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*Last updated February 21, 2017*

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# Chemistry PhD

Together, the [Graduate Student Handbook](#) and your graduate program handbook should serve as your main guide throughout your graduate career. The Graduate Student Handbook includes university information, policies, requirements and guidance for all graduate students. Your program handbook describes the details about graduate study and requirements in your specific program. While both of these handbooks are wonderful resources, know that you are always welcome to talk with faculty and staff in your program and in the Graduate College.

The central activities and missions of a university rest upon the fundamental assumption that all members of the university community conduct themselves in accordance with a strict adherence to academic and scholarly integrity. As a graduate student and member of the university community, you are expected to display the highest standards of academic and personal integrity.

Here are some resources to help you better understand your responsibilities:

- [Academic Honesty](#)
- [Academic Integrity Training](#) - Open to all graduate students at no cost
- [Plagiarism](#)

## Curriculum

Please visit the [Graduate Catalog](#) to see the current curriculum for our program.

## Timeline for Completion

### Sample Plan of Study for an Incoming Student with a BS Degree

#### 1st Year of Graduate Training

<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
<ul style="list-style-type: none"><li>• CHM 6710: Analytical Chemistry (3)</li><li>• CHS 6240: Thermodynamics (3)</li><li>• Elective (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 6440: Kinetics and Catalysis (3)</li><li>• CHS 6251: Organic Synthesis (3)</li><li>• BCH 6740: Applied Biochemistry (3) or CHM 7919: Directed Research (3)</li></ul>	<ul style="list-style-type: none"><li>• Elective and/or CHM 7919: Directed Research (6)</li></ul>
Semester Total: 9 credit hours	Semester Total: 12 credit hours	Semester Total: 6

## 2nd Year of Graduate Training

<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
<ul style="list-style-type: none"><li>• Elective (3)</li><li>• CHM 6936: Seminar (1)</li><li>• CHM 7919: Directed Research (5)</li></ul>	<ul style="list-style-type: none"><li>• Elective (3)</li><li>• CHM 6936: Seminar (1)</li><li>• CHM 7919: Directed Research (5)</li></ul>	<ul style="list-style-type: none"><li>• Elective and/or CHM 7919: Directed Research (6)</li></ul>
Semester Total: 9 credit hours	Semester Total: 9 credit hours	Semester Total: 6

## 3rd Year of Graduate Training

<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>
Semester Total: 3 credit hours	Semester Total: 3 credit hours	Semester Total: 3 credit hours

## 4th Year of Graduate Training

<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>
Semester Total: 3 credit hours	Semester Total: 3 credit hours	Semester Total: 3 credit hours

## 5th Year of Graduate Training

<b>Fall</b>	<b>Spring</b>
<ul style="list-style-type: none"><li>• CHM 6936: Seminar (1)</li><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>
Semester Total: 4 credit hours	Semester Total: 3 credit hours

## Sample Plan of Study for an Incoming Student with a MS Degree

### 1st Year of Graduate Training

Fall	Spring	Summer
<ul style="list-style-type: none"><li>• CHM 6710: Analytical Chemistry (3)</li><li>• CHS 6240: Thermodynamics (3)</li><li>• CHM 7919: Directed Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 6440: Kinetics and Catalysis (3)</li><li>• CHS 6251: Organic Synthesis (3)</li><li>• BCH 6740: Applied Biochemistry (3) or CHM 7919: Directed Research (3)</li></ul>	<ul style="list-style-type: none"><li>• Elective and/or CHM 7919: Directed Research (6)</li></ul>
Semester Total: 9 credit hours	Semester Total: 12 credit hours	Semester Total: 6

### 2nd Year of Graduate Training

Fall	Spring	Summer
<ul style="list-style-type: none"><li>• CHM 6936: Seminar (1)</li><li>• CHM 7919: Directed Research (8)</li></ul>	<ul style="list-style-type: none"><li>• CHM 6936: Seminar (1)</li><li>• CHM 7919: Directed Research (8)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (6)</li></ul>
Semester Total: 9 credit hours	Semester Total: 9 credit hours	Semester Total: 6

### 3rd Year of Graduate Training

Fall	Spring	Summer
<ul style="list-style-type: none"><li>• CHM 6936: Seminar (1)</li><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>	<ul style="list-style-type: none"><li>• CHM 7980: Dissertation Research (3)</li></ul>
Semester Total: 4 credit hours	Semester Total: 3 credit hours	Semester Total: 3 credit hours

### Milestones for PhD Degree Completion

- Qualifying (proficiency) Exams (within first year)
- Core Coursework and Electives (two years to complete)
- Candidacy Exam (On a topic in the discipline, not the dissertation topic)
- Research (two-three years)
- Dissertation Writing
- Dissertation Defense

Qualifying exams each correlate with a core course. Students must pass the qualifying exam before taking the associated core course. In addition, there will be elective courses that are completed. These elective courses are incorporated into your doctoral program to provide you with a different perspective of your research topic and to broaden the application of your field of research.

Within your first semester, you will want to find a research advisor who will help in recommending electives, guide your research and be able to provide you with research funding support.

Taking a full load of courses, or nine hours per semester, it normally takes approximately two years to complete course work.

To provide students experience with publishing and presenting research, this program recommends that each student participate in a research project that will result in publication and presentation at a regional or national conference.

When you are ready to formally initiate your research, you will need to determine who will serve on your dissertation committee (minimum five individuals) in consultation with your research advisor.

The candidacy examination consists of writing and orally defending an original research proposal (a topic not directly related to the student's dissertation research, and approved by the advisor and advisory committee) to the student's advisory committee, and a presentation of their preliminary dissertation research accomplishments and plans.

Once you pass candidacy, your focus will be on the research that will result in your dissertation. For most students in the program, conducting the research and the process of writing the dissertation may take two to three years. During this time, you must remain in close contact with your dissertation research advisor to ensure that you are meeting the requirements and present annual updates to your dissertation committee.

The dissertation defense occurs when everything you have been working on comes together to be presented to your committee. The committee will ask questions of your process and assess the level of competency with the research topic.

## Other

See Timeline for Completion of Degree Program. For specific course selection, please consult with program advisor.

## Examination Requirements

Students will be expected to satisfy qualifying (proficiency) requirements (analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry) during the first year by taking the ACS standardized proficiency exams in four of these five areas. Additional course work may be required if one or more of the qualifying exams is not satisfied. Satisfaction of this requirement will help ensure that all students are adequately prepared for the core courses. If a student decides not to take any one or all of the tests, a score of zero will be given. Test results are used to help design each student's plan of study in terms of the starting coursework. If a student passes a placement exam in a given area, he or she will start with the 6000 level core course in that area. If a passing score is not achieved, then the student must do the following within the first year of graduate enrollment:

**Organic** - The final exams for CHM 2210 and 2211 must be passed with a grade of "B" or better.

**Analytical** - A student has two options: Option 1 is to take all regularly scheduled exams including the final exam for CHM 3120; Option 2 is to take only the comprehensive final exam for CHM 3120. A grade of "B" or better must be achieved in either case and all exams must be taken at the time scheduled by the instructor for those registered for the course. The student must notify the instructor in writing during the first week of the semester as to which option is selected.

**Physical** - The final exam for CHM 3410 must be passed with a grade of "B" or better.

**Inorganic** - The final exam for CHM 4610 must be passed with a grade of "B" or better.

**Biochemistry** - The final exam for BCH 4053 must be passed with a grade of "B" or better.

No student is exempt even if he or she has already had the necessary coursework. Each student still must demonstrate proficiency. This includes those with their BS degrees from UCF. Satisfaction of this requirement will help ensure that all students are adequately prepared for the core courses.

If a student does not satisfy the proficiency exam requirements within the first year, the student may be subject to dismissal from the program.

By the end of the fifth semester (excluding summers), students must pass the PhD candidacy oral examination. The candidacy examination consists of writing and orally defending an original research proposal to the student's program faculty advisory committee as well as a presentation of their preliminary dissertation research accomplishments and plans. The research proposal will focus on a topic not directly related to the student's dissertation research and must be approved by the adviser and advisory committee. Failure to pass the PhD candidacy exam will result in dismissal from the program.

## Post-Candidacy Enrollment

Prior to enrollment into XXX7980 Dissertation Research, you must have passed candidacy and your dissertation committee must be reviewed and approved by the COS Associate Dean of Graduate Studies. This form can be found online at [graduate.ucf.edu/wp-content/uploads/2018/01/DoctoralCandidacyForm-1.pdf](http://graduate.ucf.edu/wp-content/uploads/2018/01/DoctoralCandidacyForm-1.pdf). Additionally, the College of Graduate Studies must receive these documents prior to the end of regular registration for the term in order to enroll in dissertation hours for that term.

Doctoral students engaging in dissertation research must be continuously enrolled in at least three hours of XXX 7980 every semester, including summers, until they successfully defend and submit their dissertation to the University Thesis Editor. More information about completing the dissertation can be found at the [Thesis and Dissertation Services](#) site. The three hours of dissertation enrollment each semester reflects the expenditure of university resources, particularly if more than the minimum number of hours is required for completion of the dissertation.

## Dissertation Requirements

### University Dissertation Requirements

The College of Graduate Studies [Thesis and Dissertation page](#) contains information on the university's requirements for dissertation formatting, format review, defenses, final submission, and more. A step-by-step completion guide is also available on [Thesis and Dissertation Services](#) Site.

All university deadlines are listed in the [Academic Calendar](#). Your program or college may have other earlier deadlines; please check with your program and college staff for additional deadlines.

**The following requirements must be met by dissertation students in their final term:**

- Submit a properly formatted file for initial format review by the format review deadline
- Submit the Thesis and Dissertation Release Option form well before the defense
- Defend by the defense deadline
- Receive format approval (if not granted upon initial review)
- Submit signed approval form by final submission deadline
- Submit final dissertation document by final submission deadline

Students must format their dissertation according to the standards outlined in [Thesis and Dissertation Webcourse](#). Formatting questions or issues can be submitted to the Format Help page in the [Thesis and Dissertation Services](#)



site. Format reviews and final submission must be completed in the [Thesis and Dissertation Services](#) site. The Dissertation Approval Form is also available in the Thesis and Dissertation Services site.

The College of Graduate Studies offers several thesis and dissertation [Workshops](#) each term. Students are highly encouraged to attend these workshops early in the dissertation process to fully understand the above policies and procedures.

The College of Graduate Studies thesis and dissertation office is best reached by email at [editor@ucf.edu](mailto:editor@ucf.edu).

## Doctoral Dissertation Committee

The final requirement for the PhD Degree is completion of a satisfactory written dissertation of his/her research, along with successful presentation and defense of the dissertation to the student's dissertation advisory committee, including one committee member selected from faculty at the university exclusive of the Chemistry Department.

A student's dissertation committee will consist of a minimum of five members including the research adviser. One of the committee members will be from outside the Chemistry department. A majority of the program committee members will hold tenure-earning faculty appointments in the Chemistry Department. The committee has to be approved by the Graduate Coordinator of the Chemistry program and the department Chair.

## Annual Review

Information projected to be entered in 2019-2020.

## Graduate Research

### Human Subjects

If the student chooses to conduct research that involves human subjects (i.e. surveys, interviews, etc.), he or she must gain Institutional Review Board (IRB) approval prior to beginning the study. For access to the IRB submission form and sample consent forms, please visit the Office of Research website: [research.ucf.edu/](http://research.ucf.edu/) > Compliance > UCF IRB Webpage > UCF-IRB Principal Investigator's Manual.

### Animal Subjects

If the student chooses to conduct research that involves animal subjects, he or she must gain Institutional Animal Care and Use Committee (IACUC) approval prior to beginning the study. For access to the IACUC submission forms, please visit the Office or Research website: [research.ucf.edu/](http://research.ucf.edu/) > Compliance > UCF IACUC Webpage > Animal Use Approval Form.

If you have questions regarding human or animal subjects, please contact Ms. Barbara Ward, IRB Coordinator at 407-823-2901.

### Ethics in Research

Researchers in every discipline have a responsibility for ethical awareness as the status of the profession rests with each individual researcher. It is important to be honest and ethical in conducting research as well as in taking classes. The ethical collection and use of information includes, but is by no means limited to, the following: confidentiality, accuracy, relevance, self-responsibility, honesty, and awareness of conflict of interest. The

University of Arizona's Code of Research Ethics provides our students with guidelines for responsible practice in research. This code of ethics can be found here: [facultygovernance.arizona.edu/resource/code-research-ethics](http://facultygovernance.arizona.edu/resource/code-research-ethics).

## Patent and Invention Policy

UCF has three fundamental responsibilities with regard to graduate student research. They are to (1) support an academic environment that stimulates the spirit of inquiry, (2) develop the intellectual property stemming from research, and to (3) disseminate the intellectual property to the general public. UCF owns the intellectual property developed using university resources. The graduate students as inventor will, according to this policy, share in the proceeds of the invention.

The full policy is available online from the Graduate Catalog: [catalog.ucf.edu/index.php?catoid=4](http://catalog.ucf.edu/index.php?catoid=4) > Policies > General Graduate Policies > Patent and Invention Policy.

## Laboratory Safety

Approved eye protection is required to be worn in the laboratory continuously. This means eye covering which will protect against both impact and splashes. Safety glasses or goggles must be rated Z87 in order to be approved protective eyewear for lab use. Approved eyewear is available through the campus bookstore, Home Depot or Lowes. If you should get a chemical in your eye, wash with flowing water for a minimum of 15 minutes and inform the instructor.

Full protection for the body must be provided by a full length lab coat with long sleeves, long pants or a long skirt, and shoes. Shoes must be closed toe; no sandals are allowed. Keep long hair confined while in the laboratory. If you wear contacts, please wear your glasses instead with safety glasses that will cover them, unless medically not advised. Both latex and nitrile gloves are available in the bookstore for your use.

Perform no unauthorized experiments. No horseplay in laboratories. No smoking allowed. No food and drink in the laboratories. Wash your hands before leaving the laboratory.

Do not taste anything in the laboratory. This applies to food as well as chemicals. Do not use the laboratory as an eating place, and do not eat or drink from laboratory glassware.

Exercise great care in noting the odor of fumes and avoid breathing fumes of any kind. Use fume hoods as required with blower on and the vertical safety glass down at the appropriate level.

Do not use mouth suction in filling pipettes with chemical reagents. Use a suction bulb.

In case of fire or accident, call the instructor at once. Note location of the fire extinguisher, safety shower, and eyewash now, so that you can use it if needed. Wet towels are very efficient for smothering fires. When the alarm sounds evacuate the building.

For treatment of cuts, burns, or inhalation of fumes you must go to The Health Center, located behind the Chemistry building. Your instructor will arrange for transportation or an escort if needed.

Do not force glass tubing into rubber stopper without protection for hands. Lubricate the tubing with water and use a towel to cover. Fire-polish the ends of all glass tubing.

Extensive information about UCF's research and the Chemistry Department's research, in particular, can be found at the UCF Office of Research and Commercialization website: [www.research.ucf.edu](http://www.research.ucf.edu). Additional details including a list of research specializations and projects as well as current funding resources and research centers, visit the Research webpage on the Chemistry Department website.

## Financial Support

For general information about graduate fellowships, assistantships, tuition waivers and payments, health insurance and other financial aid for students, see [graduate.ucf.edu/funding/](http://graduate.ucf.edu/funding/).

## International Students

Several types of employment are available to international students, including on-campus employment. For more information about the types of employment available to international students, and the requirements and restrictions based in visa-type, please see UCF Global's website: [global.ucf.edu/](http://global.ucf.edu/).

## Assistantships, Tuition Remission, and Health Insurance

For complete information about university assistantships, tuition remission, and health insurance, please see the UCF Graduate Catalog: [ucf.catalog.acalog.com/index.php?catoid=4](http://ucf.catalog.acalog.com/index.php?catoid=4) > Financial Information.

To be employed and to maintain employment in a graduate position, the student must be:

- In good academic standing
- Enrolled full time

To be awarded and continue receipt of tuition remission, the student must be:

- In good academic standing
- Enrolled full time
- Employed in a graduate assistantship position (GTA, GRA, GA) or receiving a University fellowship

## GTA Training Requirements

If the student is hired in the position of Graduate Teaching Associate, Assistant or Grader, there are training requirements that must be met in order for the student's Assistantship Agreement to be processed. See Graduate Teaching for these training requirements and registration instructions.

International students who will be hired in GTA positions must be proficient at speaking English. This is determined by successfully passing the SPEAK test with a score of 55 or better. Please see the SPEAK Test page for more information.

## GTA Performance Assessment

At the completion of each semester the student is employed as a GTA, the student's performance will be evaluated by the faculty advisor. These assessments will be used to review strengths and weaknesses in the student's performance in preparation for future employment.

## Graduate Student Associations

The Graduate Student Association (GSA) is UCF's graduate organization committed to enrich graduate students' personal, educational and professional experience. To learn more or get involved, please visit [ucfgsa.org](http://ucfgsa.org). For individual department or graduate program organizations, please see program advisor.

Chemistry Graduate Student Association - This organization was formed by the Chemistry Graduate students to welcome incoming students and help with housing, transportation, academics, etc. To contact the organization please e-mail: [cgsa.ucf@gmail.com](mailto:cgsa.ucf@gmail.com).

[American Chemical Society](#) (ACS) fosters a cohesive community among students that promotes a positive image of Chemistry and to bring chemistry awareness to the general public through appreciation and understanding.

## Professional Development

The Chemistry Department at UCF has developed an extensive network of partnerships with Central Florida business and industry. These alliances enrich the learning experience and provide unique opportunities both during and after the advanced degree programs. Companies recently offering partnership programs for UCF Chemistry students include Lucent Technologies, NASA, Lockheed-Martin Corporation, MBI International, Cirent Corporation, Harbor Branch Oceanographic Institute, M. D. Andersen Cancer Center of the Orlando Regional Medical Center, and the Walt Disney Cancer Institute at Florida Hospital.

## Instructor Training and Development

The Faculty Center for Teaching and Learning (FCTL) promotes excellence in all levels of teaching at the University of Central Florida. To that end, they offer several programs for the professional development of Graduate Teaching Assistants at UCF.

### GTA Training

This training provides information and resources for students who will be instructors in a two-day workshop. The seminars cover a variety of topics, including course development, learning theories, lecturing, and academic freedom. Those interested in additional training can also attend an optional training session that normally follows the mandatory training.

### Preparing Tomorrow's Faculty Program

This certificate program (12 weeks for domestic students, 16 weeks for international students) consists of group and individualized instruction by Faculty Center staff and experienced UCF professors. Textbooks and materials are provided, and a stipend is offered to current UCF students who complete the certificate. International students are provided the same training as well as information regarding language immersion and tricks and cultural awareness as a way of knowing what to expect from American students.

For more information, see [fctl.ucf.edu/](http://fctl.ucf.edu/) > Events > GTA Programs or call 407-823-3544.

## Graduate Excellence Awards

Each year, the College of Graduate Studies offers graduate students who strive for academic and professional excellence the opportunity to be recognized for their work. The award categories include the following:

**Award for Excellence by a Graduate Teaching Assistant** - For students who provide teaching support and assistance under the direction of a lead teacher. This award focuses on the extent and quality of the assistance provided by the student to the lead instructor and the students in the class. (Not intended for students who are instructor of record)

**Award for Excellence in Graduate Student Teaching** - For students who serve as instructors of record and have independent classroom responsibilities. The focus of this award is on the quality of the student's teaching and the academic contributions of those activities.

**Award for the Outstanding Dissertation** - To recognize doctoral students for excellence in the dissertation. The focus of this award is on the quality and contribution of the student's dissertation. Excellence of the dissertation

may be demonstrated by evidences such as, but not limited to: publications in refereed journals, awards and recognitions from professional organizations, and praise from faculty members and other colleagues in the field.

For the nomination process and eligibility criteria, see [graduate.ucf.edu/awards-and-recognition/](http://graduate.ucf.edu/awards-and-recognition/).

## Other

**Pathways to Success Workshops** - Coordinated by the College of Graduate Studies, the Pathways to Success program offers free development opportunities for graduate students including workshops in Academic Integrity, Graduate Grantsmanship, Graduate Teaching, Personal Development, Professional Development, and Research. For more information and how to register, please visit [graduate.ucf.edu/pathways-to-success/](http://graduate.ucf.edu/pathways-to-success/).

Graduate Research Forum - Sponsored by the College of Graduate Studies, the Research Forum is an opportunity for students to showcase their research and creative projects and to receive valuable feedback from faculty judges. Awards for best poster and best oral presentation in each category will be given and all participants will receive recognition.

For information about the Council of Southern Graduate Schools (CSGS) thesis and dissertation awards, see their website: [csgs.org/](http://csgs.org/) > Awards.

For grant-proposal writing resources: [uwc.cah.ucf.edu/](http://uwc.cah.ucf.edu/).

## Job Search

UCF's Career Services department offers a wide range of programs and services designed to assist graduate students. These services include evaluation and exploration of career goals, preparation for the job search and job search resources. To learn more, visit their website at [career.ucf.edu/](http://career.ucf.edu/).

For specific services or resources provided by the academic program, please contact the graduate program director or academic advisor.

The University has several nationally and internationally recognized research institutes devoted to research and development. For a list of research institutes at UCF offering research opportunities, as well as a listing of other organizations please visit the Research Centers webpage on the Chemistry Department website.

## Forms

- [College of Graduate Studies Forms and References](#)  
A complete listing of general forms and references for graduate students, with direct links, may be found here.
- [Graduate Petition Form](#)  
When unusual situations arise, petitions for exceptions to policy may be requested by the student. Depending on the type of appeal, the student should contact his/her program adviser to begin the petition process.
- [Traveling Scholar Form](#)  
If a student would like to take advantage of special resources available on another campus but not available on the home campus; for example, special course offerings, research opportunities, unique laboratories and library collections, this form must be completed and approved.

## Useful Links

- [Chemistry PhD](#)
- [College of Sciences](#)
- [College of Graduate Studies](#)
- [Academic Calendar](#)

- [Bookstore](#)
- [Campus Map](#)
- [Counseling Center](#)
- [Financial Assistance](#)
- [Golden Rule Student Handbook](#)
- [Graduate Catalog](#)
- [Graduate Student Association](#)
- [Graduate Student Center](#)
- [Housing and Residence Life](#)
- [Housing, off campus](#)
- [Knights Email](#)
- [Library](#)
- [NID Help](#)
- [Pathways to Success](#)
- [Recreation and Wellness Center](#)
- [Shuttles Parking Services](#)
- [Student Health Services](#)
- [Thesis and Dissertation \(ETD\)](#)
- [UCF Global](#)
- [University Writing Center](#)

## Grad Faculty

**Asterisk** = has previous committee experience, which qualifies the person to serve as chair, co-chair or vice chair.

### **Ahn, Kollbe**

College: College of Sciences  
 Disciplinary affiliations: Chemistry  
 Contact Info: [kollbe.ahn@ucf.edu](mailto:kollbe.ahn@ucf.edu)

### **Balaeff, Alexander \***

College: College of Sciences  
 Disciplinary affiliations: Chemistry  
 Contact Info: [Alexander.Balaeff@ucf.edu](mailto:Alexander.Balaeff@ucf.edu)

### **Beazley, Melanie**

College: College of Sciences  
 Disciplinary affiliations: Chemistry  
 Contact Info: [Melanie.Beazley@ucf.edu](mailto:Melanie.Beazley@ucf.edu)

### **Belfield, Kevin \***

College: College of Sciences  
 Disciplinary affiliations: Chemistry  
 Contact Info: [belfield@ucf.edu](mailto:belfield@ucf.edu)

### **Blair, Richard \***

College: College of Sciences  
 Disciplinary affiliations: Chemistry  
 Contact Info: [rblair@ucf.edu](mailto:rblair@ucf.edu)

**Bridge, Candice \***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Candice.Bridge@ucf.edu](mailto:Candice.Bridge@ucf.edu)

**Campiglia, Andres \***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Andres.Campiglia@ucf.edu](mailto:Andres.Campiglia@ucf.edu)

**Caranto, Jonathan**

College: College of Sciences  
Disciplinary affiliations: Chemistry and Forensic Science  
Contact Info: [jonathan.caranto@ucf.edu](mailto:jonathan.caranto@ucf.edu)

**Chen, Gang\***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Gang.Chen@ucf.edu](mailto:Gang.Chen@ucf.edu)

**Chumbimuni Torres, Karin\***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Karin.Chumbimunitorres@ucf.edu](mailto:Karin.Chumbimunitorres@ucf.edu)

**Clausen, Christian \***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Christian.Clausen@ucf.edu](mailto:Christian.Clausen@ucf.edu)

**Elsheimer, Seth \***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Seth.Elsheimer@ucf.edu](mailto:Seth.Elsheimer@ucf.edu)

**Gerasimova, Yulia**

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Yulia.Gerasimova@ucf.edu](mailto:Yulia.Gerasimova@ucf.edu)

**Gesquiere, Andre \***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [andre@ucf.edu](mailto:andre@ucf.edu)

**Hampton, Michael \***

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [Michael.Hampton@ucf.edu](mailto:Michael.Hampton@ucf.edu)

**Harper, James**

College: College of Sciences  
Disciplinary affiliations: Chemistry  
Contact Info: [James.Harper@ucf.edu](mailto:James.Harper@ucf.edu)

**Hernandez, Florencio \***

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