NICHOLAS C. KALLAN, PH. D.
Regis University
3333 Regis Blvd., D4
Denver, CO 80221
Email: nkallan@regis.edu

EDUCATION

Aug. 1997-Aug. 2002 **Ph.D., Organic Chemistry**
University of Colorado Boulder, Boulder, CO
Advisor: Prof. Randall L. Halcomb
Thesis Title: *"Total Synthesis of (+)-Phomactin D and (±)-15-epi-Phomactin D Using an Intramolecular B-Alkyl Suzuki Macrocyclization"*

Aug. 1992-May 1996 **B.S., Chemistry with Honors, *Cum Laude***
Davidson College, Davidson, NC

ACADEMIC POSITIONS

Aug. 2017-present **Associate Professor**
Department of Chemistry, Regis University, Denver, CO

Aug. 2012-July 2017 **Assistant Professor**
Department of Chemistry, Regis University, Denver, CO

Aug. 2011-Aug. 2012 **Term Instructor**
Department of Chemistry, Regis University, Denver, CO

COURSES TAUGHT

- CH206A (*Chemistry for Health Related Sciences Lecture, 3 SH*)
- CH207A (*Chemistry for Health Related Sciences Laboratory, 1 SH*)
- CH210 *(General Chemistry I Lecture, 4 SH)*
- CH211 *(General Chemistry I Laboratory, 1 SH)*
- CH230 *(General Chemistry II Lecture, 4 SH)*
- CH231 *(General Chemistry II Laboratory, 1 SH)*
- CH250 *(Organic Chemistry I Lecture, 4 SH)*
- CH251 *(Organic Chemistry I Laboratory, 1 SH)*
- CH420 *(Organic Chemistry II Lecture, 3 SH)*
- CH421 *(Organic Chemistry II Laboratory, 2 SH)*
- CH428 *(Synthesis and Characterization Laboratory, 2 SH)*
- CH495 *(Senior Seminar in Chemistry, 1 SH)*
- RCC430M (*How We Live and Die, 3 SH*)

OTHER PROFESSIONAL EXPERIENCE

2009 - 2011 **Senior Research Scientist, CNS, Array BioPharma**

- Part of the medicinal chemistry team working on a BACE1 inhibitors for Alzheimer's disease
- Designed & synthesized molecules that penetrate the BBB, scaled lead candidate for efficacy studies
- Responsible for program data analysis and compound submissions to 2nd and 3rd tier progression assays
- Prepared and delivered presentations to senior management, project teams, and collaborators
- Contributed to publications and patents for the BACE1 program

2005 - 2009 Senior Research Scientist, Oncology, Array BioPharma

- Member of the medicinal chemistry team that discovered clinical candidate GDC-0068 (Akt inhibitor currently in Phase 3 clinical trials)
- Led chemistry transition team (1 Ph.D. and 1 M.S.) that developed the route for scale-up of clinical candidate GDC-0068
- Managed one direct report (M.S. level chemist), defining scientific direction and career development
- Designed and synthesized a kinase-directed library, from which the lead series for the Akt program was found
- Contributed to publications and patents for the Akt program
- Mentored a summer intern, whose work contributed in part to a publication
- Hands-on experience with multi-step (>12 step) synthesis & large-scale chemistry (up to 1 mol scale)

2002 - 2005 Research Scientist, Lead Generation, Array BioPharma

- Hands-on experience with traditional and parallel synthesis
- Worked with structural biology colleagues to design kinase-directed focused libraries and then independently synthesized them (ca. 1,000 compounds/library)

PRESENTATIONS (*Undergraduate co-author, **Presenter**)

- *Investigation of Reaction Conditions that Influence the Stereospecifity in the Bromination of cis- and trans-beta-methylstyrene.* **Jacob Mitchell***, Ricardo Chavez-Molinar, Nicholas C. Kallan (poster). Fifteenth Annual WAESO Student Research Conference, March 19-20, 2021 (virtual).
- *An approach to engaging students in Organic Chemistry at a small primarily undergraduate institution.* **Kallan, N.C.**, Mahapatro, S.N. Biennial Conference on Chemical Education, Oregon State University, July 29-August 3, 2020. Oral presentation cancelled due to COVID-19.
- An experiment in bridging the science-humanities gap: Incorporating student work from a Chemistry capstone course into a student-led, peer-reviewed journal published annually in the English Department. **Kallan, N.C.**, Myklebust, N. Biennial Conference on Chemical Education, Oregon State University, July 29-August 3, 2020. Oral presentation cancelled due to COVID-19.
- *Incorporating Technology In and Out of the Chemistry Classroom.* **Nicholas C. Kallan**. (oral) Instructional Design and Technology's monthly *Lunch and Learn*, Regis University, September 26, 2018.
- *How to Implement a Free Cloud-Based Response System into the Classroom.* **Nicholas C. Kallan**. (oral) *Faculty Teaching and Learning* workshop, Regis University, August 16, 2018.
- *Bringing Peace and Justice Back to the Chemistry Classroom.* **Kallan, Nicholas. C.**, Chamberlin, S.I. BCCE-1011 (oral), Biennial Conference on Chemical Education, University of Notre Dame, July 29-August 2, 2018.
- *Investigations into the conjugate hydrocyanation of α,β-unsaturated aldehydes in organic synthesis.* **Nguyen, Vu***; Hubbuck, Melanie*; Serrano, Wendy*; Black, Theodore*; Carey, Kyle*; Kallan, Nicholas. C. CHED-1593 (student poster), 255th ACS National Meeting & Exposition, New Orleans, LA, United States, March 18-22, 2018.
- *Incorporating multi-week independent projects into the second semester organic chemistry laboratory: Challenges, successes, and lessons learned.* **Kallan, Nicholas. C.** RMRM-87 (oral), ACS Rocky Mountain Regional Meeting, Loveland, CO, October 25-28, 2017.
- *Investigations into the conjugate hydrocyanation of α,β-unsaturated aldehydes in organic synthesis.* **Nguyen, Vu***; Kallan, Nicholas. C. RMRM-136 (student poster), ACS Rocky Mountain Regional Meeting, Loveland, CO, October 25-28, 2017.
- *Towards Incorporating Video Answer Keys in Organic Chemistry.* **Nicholas C. Kallan**. Poster presentation at Regis University Instructional Design and Technology Learning Technology Fair, March 16, 2017.
- *Demonstrating Learning Through Teaching: Incorporation of Teaching Videos into the CH495 Chemistry and Biochemistry Senior Capstone Seminar.* **Nicholas C. Kallan**. Poster presentation at Regis University Instructional Design and Technology Learning Technology Fair, March 10, 2016.
- *Electrifying the Chemistry Capstone Experience.* **Chamberlin, Stacy**; Kallan, Nicholas C. CHED-34 (oral), 249th National ACS meeting, Denver, CO, March 22-26, 2015.
- *Investigations of the conjugate hydrocyanation of α,β-unsaturated aldehydes in organic synthesis.* **Hubbuck, Melanie A.***; Serrano, Wendy P.*; Black, Theodore*; Kallan, Nicholas. C. CHED-1131 (student poster), 249th National ACS meeting, Denver, CO, March 22-26, 2015.

- *Infrared Spectroscopy and the Intoxilyzer 5000EN/9000 – Principles of Operation, (Lack of) Accuracy of Analysis and Lessons from Trial.* **Prof. Tarek Sammakia and Prof. Nicholas C. Kallan**. University of Colorado Boulder, October 26, 2013 (half-day workshop).
- *Evolution of Akt Inhibitors for the Treatment of Cancer: From an HTS Hit to In Vivo Proof of Concept.* **Nicholas C. Kallan**. (oral) University of Colorado Health Sciences Center Structural Biology and Biophysics Program Seminar, February 24, 2010.
- *Progress Toward the Total Synthesis of Phomactin.* **Halcomb, Randall L.**; Kallan, Nicholas C.; Mohr, Peter J. ORNG-10 (oral), 220th ACS National Meeting, Washington, DC, August 20-24, 2000.
- *Progress Toward the Synthesis of Phomactin D.* **Kallan, N. C.**; Halcomb, R. L. ORGN-756 (poster), 219th National ACS meeting, San Francisco, CA, March 26-30, 2000.

PUBLICATIONS

- *Dose-dependent exposure and metabolism of GNE-892, a β-secretase inhibitor, in monkeys: contributions by P450, AO, and P-gp.* Takahashi, Ryan; Ma, Shuguang; Yue, Qin; Kim-Kang, Heasook; Yi, Yijun; Lyssikatos, Joseph P.; Regal, Kelly; Hunt, Kevin W.; **Kallan, Nicholas C.**; Siu, Michael; Hop, Cornelis E. C. A.; Liu, Xingrong; Khojasteh, S. Cyrus. *Eur. J. Drug Metab. and Pharmacokinetics.* **2015**, 40(2), 171.
- *Synthesis of Akt Inhibitor Ipatasertib. Part 1. Route Scouting and Early Process Development of a Challenging Cyclopentylpyrimidine Intermediate.* Lane, Jonathan W.; Spencer, Keith L.; Shakya, Sagar R.; Kallan, Nicholas C.; Stengel, Peter J.; Remarchuk, Travis. *Org. Proc. Res. and Dev.* **2014**, 18(12), 1641.
- *Discovery of a novel class of imidazo[1,2-a]pyridines with potent PDGFR activity and oral bioavailability.* Hicken, Erik J.; Marmsater, Fred P.; Munson, Mark C.; Schlachter, Stephen T.; Robinson, John E.; Allen, Shelley; Burgess, Laurence E.; DeLisle, Robert Kirk; Rizzi, James P.; Topalov, George T.; Zhao, Qian; Hicks, Julie M.; **Kallan, Nicholas C.**; Tarlton, Eugene; Allen, Andrew; Callejo, Michele; Cox, April; Rana, Sumeet; Klopfenstein, Nathalie; Woessner, Richard; Lyssikatos, Joseph P. *Med. Chem. Lett.* **2014**, *5(1)*, 78.
- *Elucidating the mechanism of cytochrome P450-mediated pyrimidine ring conversion to pyrazole metabolites with the BACE1 inhibitor GNE-892 in rats.* Takahashi, Ryan; Ma, Shuguang; Deese, Alan; Yue, Qin; Kim-Kang, Heasook; Yi, Yijun; Siu, Michael; Hunt, Kevin W; **Kallan, Nicholas C**; Hop, Cornelis E C A; Liu, Xingrong; Khojasteh, S Cyrus. *Drug Metab. and Disp.: the biological fate of chemicals.* **2014**, *42(5),* 890.
- *Spirocyclic β-Site Amyloid Precursor Protein Cleaving Enzyme 1 (BACE1) Inhibitors: From Hit to Lowering of Cerebrospinal Fluid (CSF) Amyloid β in a Higher Species.* Hunt, Kevin W.; Cook, Adam W.; Watts, Ryan J.; Clark, Christopher T.; Vigers, Guy; Smith, Darin; Metcalf, Andrew T.; Gunawardana, Indrani W.; Burkard, Michael; Cox, April A.; Geck Do, Mary K.; Dutcher, Darrin; Thomas, Allen A.; Rana, Sumeet; **Kallan, Nicholas C.**; DeLisle, Robert K.; Rizzi, James P.; Regal, Kelly; Sammond, Douglas; Groneberg, Robert; Siu, Michael; Purkey, Hans; Lyssikatos, Joseph P.; Marlow, Allison; Liu, Xingrong; Tang, Tony P. *J. Med. Chem.* **2013**, *56(8)*, 3379.
- *Discovery and Preclinical Pharmacology of a Selective ATP-Competitive Akt Inhibitor (GDC-0068) for the Treatment of Human Tumors.* Blake, James F.; Xu, Rui; Bencsik, Josef R.; Xiao, Dengming; **Kallan, Nicholas C.**; Schlachter, Stephen; Mitchell, Ian S.; Spencer, Keith L.; Banka, Anna L.; Wallace, Eli M.; Gloor, Susan L.; Martinson, Matthew; Woessner, Richard D.; Vigers, Guy P.A.; Brandhuber, Barbara J.; Liang, Jun; Safina, Brian S.; Li, Jun; Zhang, Birong; Chabot, Christine; Do, Steven; Lee, Leslie; Oeh, Jason; Sampath, Deepak; Lee, Brian B.; Lin, Kui; Liederer, Bianca M.; Skelton, Nicholas J. *J. Med. Chem.* **2012**, *55(18)*, 8110.
- *A potential therapeutic target for FLT3-ITD AML: PIM1 kinase.* Fathi, Amir T.; Arowojolu, Omotayo; Swinnen, Ian; Sato, Takashi; Rajkhowa, Trivikram; Small, Donald; Marmsater, Fredrik; Robinson, John E.; Gross, Stefan D.; Martinson, Matthew; Allen, Shelly; **Kallan, Nicholas C.** *Leuk. Res.* **2012**, *36(2)*, 224.
- *Discovery and SAR of spirochromane Akt inhibitors.* **Kallan, Nicholas C.**; Spencer, Keith L.; Blake, James F.; Xu, Rui; Heizer, Justin; Bencsik, Josef R.; Mitchell, Ian S.; Gloor, Susan L.; Martinson, Matthew; Risom, Tyler; Gross, Stefan D.; Morales, Tony H.; Wu, Wen-I; Vigers, Guy P.A.; Brandhuber, Barbara J.; Skelton, Nicholas J. *Bioorg. Med. Chem. Lett.* **2011**, *21(8)*, 2410.
- *Discovery of Spirocyclic Sulfonamides as Potent AKT Inhibitors with Exquisite Selectivity against PKA.* Xu, Rui; Banka, Anna; Blake, James F.; Mitchell, Ian S.; Wallace, Eli M.; Bencsik, Josef R.; **Kallan, Nicholas C.**; Spencer, Keith L.; Gloor, Susan L.; Martinson, Matthew; Risom, Tyler; Gross, Stefan D.; Morales, Tony H.; Wu, Wen-I; Vigers, Guy P.A.; Brandhuber, Barbara J.; Skelton, Nicholas J. *Bioorg. Med. Chem. Lett.* **2011**, *21(8)*, 2335.

- *Discovery of dihydrothieno- and dihydrofuropyrimidines as potent pan Akt inhibitors.* Bencsik, Josef R.; Xiao, Dengming; Blake, James F.; **Kallan, Nicholas C.**; Mitchell, Ian S.; Spencer, Keith L.; Xu, Rui; Gloor, Susan L.; Martinson, Matthew; Risom, Tyler; Woessner, Richard D.; Dizon, Faith; Wu, Wen-I.; Vigers, Guy P. A.; Brandhuber, Barbara J.; Skelton, Nicholas J.; Prior, Wei Wei; Murray, Lesley J. *Bioorg. Med. Chem. Lett.* **2010***,* 20(23), 7037.
- *Discovery of pyrrolopyrimidine inhibitors of Akt.* Blake, James F.; **Kallan, Nicholas C.**; Xiao, Dengming; Xu, Rui; Bencsik, Josef R.; Skelton, Nicholas J.; Spencer, Keith L.; Mitchell, Ian S.; Woessner, Richard D.; Gloor, Susan L.; Risom, Tyler; Gross, Stefan D.; Martinson, Matthew; Morales, Tony H.; Vigers, Guy P. A.; Brandhuber, Barbara J. *Bioorg. Med. Chem. Lett.* **2010***, 20(19)*, 5607.
- *Synthesis of the Ring System of Phomactin D Using a Suzuki Macrocyclization.* **Kallan, Nicholas C.**; Halcomb, Randall L. *Org. Lett.* **2000**, *2(17)*, 2687.

PATENTS

- *Preparation of heterocyclic compounds as inhibitors of beta-secretase useful for the treatment of neurodegenerative diseases.* Cook, Adam; Gunawardana, Indrani G; Huestis, Malcolm; Hunt, Kevin W.; **Kallan, Nicholas C.**; Metcalf, Andrew T.; Newhouse, Brad; Siu, Michael; Tang, Tony P.; Thomas, Allen A.; Volgraf, Matthew. PCT Int. Appl. (2012), WO2012071458.
- *Spirotetrahydronaphthalene derivatives as □-secretase inhibitors and their preparation and use for the treatment of neurodegenerative diseases.* Clark, Christopher T.; Cook, Adam; Gunawardana, Indrani G; Hunt, Kevin W.; **Kallan, Nicholas C.**; Siu, Michael; Thomas, Allen A.; Volgraf, Matthew. PCT Int. Appl. (2011), WO2011123674.
- *Preparation of triazolopyridine derivatives for use as PIM kinase inhibitors.* Allen, Shelley; Celeste, Laura L.; Davis, T. Gregg; Delisle, Robert Kirk; Greschuk, Julie Marie; Gross, Stefan D.; Hicken, Erik James; Jackson, Leila J.; Lyssikatos, Joseph P.; **Kallan, Nicholas C.**; Marmsater, Fredrik P.; Munson, Mark C.; Pheneger, Jed; Rast, Bryson; Robinson, John E.; Schlachter, Stephen T.; Topalov, George T.; Wright, A. Dale; Zhao, Qian. PCT Int. Appl. (2010), WO2010022076.
- *Cyclopenta[d]pyrimidines and their pharmaceutical compositions as AKT protein kinase inhibitors for the treatment of various diseases and preparation thereof.* Banka, Anna; Bencsik, Josef R.; Blake, James F.; Hentemann, Martin F.; **Kallan, Nicholas C.**; Liang, Jun; Mitchell, Ian S.; Schlachter, Stephen T.; Wallace, Eli M.; Xu, Rui; Tang, Tony P. *PCT Int. Appl.* (2009), WO2009089462.
- *Hydroxylated cyclopenta[d]pyrimidine derivatives and their pharmaceutical compositions as AKT protein kinase inhibitors useful in the treatment of hyperproliferative diseases and preparation thereof.* Bencsik, Josef R.; Blake, James F.; **Kallan, Nicholas C.**; Mitchell, Ian S.; Spencer, Keith Lee; Xiao, Dengming; Xu, Rui; Chabot, Christine; Do, Steven; Liang, Jun; Safina, Brian; Zhang, Birong. PCT Int. Appl. (2009), WO2009089459.
- *Hydroxylated cyclopenta[d]pyrimidine derivative and its pharmaceutical compositions as AKT protein kinase inhibitors useful in the treatment of hyperproliferative diseases and preparation thereof.* Bencsik, Josef; Blake, James F.; **Kallan, Nicholas C.**; Mitchell, Ian S.; Spencer, Keith L.; Xiao, Dengming; Xu, Rui; Chabot, Christine; Do, Steven; Liang, Jun; Safina, Brian; Zhang, Birong. *PCT Int. Appl.* (2009), WO2009089453.
- *Pyrimidocyclopentanes as AKT protein kinase inhibitors and their preparation and use in the treatment of AKT-mediated diseases.* Bencsik, Josef R.; Blake, James F.; **Kallan, Nicholas C.**; Mitchell, Ian S.; Spencer, Keith L.; Xiao, Dengming; Xu, Rui; Chabot, Christine; Liang, Jun; Safina, Brian S. *PCT Int. Appl.* (2009) WO2009006569.
- *Pyrimidocyclopentanes as AKT protein kinase inhibitors and their preparation and use in the treatment of AKT-mediated diseases.* Bencsik, Josef; Blake, James F.; Graham, James M.; Hentemann, Martin F.; **Kallan, Nicholas C.**; Mitchell, Ian S.; Schlacter, Stephen T.; Spencer, Keith L.; Xiao, Dengming; Xu, Rui; Welch, Mike; Liang, Jun; Safina, Brian S. *PCT Int. Appl.* (2009) WO2009006567.
- *Preparation of imidazo[1,2-a]pyridine compounds as receptor tyrosine kinase inhibitors.* Allen, Shelley; Greschuk, Julie Marie; **Kallan, Nicholas C.**; Marmsaeter, Fredrik P.; Munson, Mark C.; Rizzi, James P.; Robinson, John E.; Schlachter, Stephen T.; Topalov, George T.; Zhao, Qian; Lyssikatos, Joseph P. *PCT Int. Appl.* (2008) WO2008124323.
- *Preparation of cyclopenta[d]pyrimidine derivatives as Akt protein kinase inhibitors.* Mitchell, Ian S.; Blake, James F.; Xu, Rui; **Kallan, Nicholas C.**; Xiao, Dengming; Spencer, Keith Lee; Bencsik, Josef R.; Liang, Jun; Safina, Brian; Zhang, Birong; Chabot, Christine; Do, Steven. *PCT Int. Appl.* (2008) WO2008006040.
- *Preparation of dihydrothieno[3,4-d]pyrimidine derivatives as Akt protein kinase inhibitors.* Mitchell, Ian S.; Blake, James F.; Xu, Rui; **Kallan, Nicholas C.**; Xiao, Dengming; Spencer, Keith Lee; Bencsik, Josef R. *PCT Int. Appl.* (2008) WO2008006039.

- *Preparation of cyclopenta[d]pyrimidine derivatives as Akt protein kinase inhibitors.* Mitchell, Ian S.; Blake, James F.; Xu, Rui; **Kallan, Nicholas C.**; Xiao, Dengming; Spencer, Keith Lee; Bencsik, Josef R.; Liang, Jun; Safina, Brian; Li, Jun; Chabot, Christine. *PCT Int. Appl.* (2008) WO2008006032.
- *Preparation of dihydrofuro[3,4-d]pyrimidine derivatives as Akt protein kinase inhibitors"* Mitchell, Ian S.; Blake, James F.; Xu, Rui; **Kallan, Nicholas C.**; Xiao, Dengming; Spencer, Keith Lee; Bencsik, Josef R. *PCT Int. Appl.* (2008) WO2008006025.
- *"AKT protein kinase inhibitors for use in treatment of hyperproliferative diseases.* Mitchell, Ian S.; Spencer, Keith L.; Stengel, Peter; Han, Yongxin; **Kallan, Nicholas C.**; Munson, Mark; Vigers, Guy P. A.; Blake, James; Piscopio, Anthony; Josey, John; Miller, Scott; Xiao, Dengming; Xu, Riu; Rao, Chang; Wang, Bin; Bernacki, April L. *PCT Int. Appl.* (2005) WO2005051304.

GRANTS, AWARDS AND RECOGNITIONS

- Recipient of Western Alliance to Expand Student Opportunities (WAESO) grant for undergraduate research proposal entitled *Exploring the Stereospecificity of the Electrophilic Addition of Bromine to Styrene Derivatives* (grant ID S2021ur0035, $3,618 total amount funded); and "Addition of a Grignard Reagent to a Carbonyl: Using 1H-NMR to Determine Percent Conversion" (grant ID S2021ur0034, $3,618 total amount funded). **(Spring 2021)**
- Recipient of Western Alliance to Expand Student Opportunities (WAESO) grant for undergraduate research proposal entitled *Exploring the Stereospecificity of the Electrophilic Addition of Bromine to Styrene Derivatives* (grant ID F2020ur0017, $2,463.50 total amount funded); and "Addition of a Grignard Reagent to a Carbonyl: Using 1H-NMR to Determine Percent Conversion" (grant ID F2020ur0023, $2,463.50 total amount funded). **(Fall 2020)**
- Recipient of Western Alliance to Expand Student Opportunities (WAESO) grant for undergraduate research proposal entitled *Exploring the Stereospecificity of the Electrophilic Addition of Bromine to Styrene Derivatives* (grant ID S2020ur0057/S20UR047, $3,545 total amount funded). **(Spring 2020)**
- The one Regis University faculty member nominated by the Instructional Design and Technology group for the "e-Learning Consortium of Colorado eLearning Educator of the Year" **(April 2018)**.
- Co-recipient of Regis University Instructional Design and Technology Teaching and Learning with Technology Microgrant for $2,000 to purchase 10 Chromebooks to pilot a web-based electronic notebook software in the General Chemistry labs **(April 2017).**
- Recipient of Regis University Instructional Design and Technology Teaching and Learning with Technology Microgrant for $1,000 to purchase a tablet and software for creating video answer keys **(April 2016)**.
- Recipient of Regis University Instructional Design and Technology Teaching and Learning with Technology Microgrant for $680 to purchase electronic writing pads and video capture/editing software to enable students in Senior Chemistry Seminar capstone course to create teaching videos **(April 2015)**.

DEPARTMENT AND UNIVERSITY SERVICE: LEADERSHIP (FA = fall, SP = spring)

- **FA2021-present** Regis College Academic Integrity Task Force chair
- **FA2020-present** Chair, Department of Chemistry
- **FA2019-present** Regis College representative to the President's Advisory Council
- **FA2017-SP2019** Co-President of Regis College Faculty Senate
- **FA2017-SP2019** Regis College rep to the Advisory Council to the Provost and the Faculty Leadership Assembly
- **FA2015-SP2017** Regis College Faculty Senate Recording Secretary
- **FA2015-SP2017** Chair of working group that created a new, hybrid-format class schedule for Regis University traditional undergraduate programs, which was implemented university-wide in fall 2017
- **FA2015-SP2016** Chemistry Department assessment coordinator
- **FA2014-SP2019** Chemistry Department representative on Regis College Faculty Senate

DEPARTMENT AND UNIVERSITY SERVICE: MEMBERSHIP (AY = academic year, FA = fall, SP = spring)

- **AY2016-2017** Member of Regis College Academic Care Team
- **AY2015-2016** RCC400 *Search for Meaning* Integrative Core subcommittee member
- **FA2015-SP2017** Honors Advisory Council member (examined applications for Honors program and scholarships)
- **AY2015-2016** Regis College Core and Curriculum Committee member
- **2014-present** Reader on four Regis College Honors theses; thesis advisor for one Regis College Honors thesis
- **AY2013-2014** Served on MS in Biomedical Sciences Integrity Board

- **AY2012-2013** Served on Regis College Academic Integrity Committee
- **AY2012-2013** Faculty advisor for Regis Chemistry Club
- **2012-2014** Served on Regis College Chemistry Department Faculty Search Committee (two searches)
- **2012-present** Undergraduate research mentor for Chemistry/Biochemistry students (10 total students to date)

ACADEMIC PROFESSIONAL DEVELOPMENT

- Participated in the *Integrative Teaching Institute (ITI)* workshop on integrative teaching and learning pedagogy, Regis University, May 7-11, 2018.
- Attended a two-day workshop on *Diversity and Inclusion in the Classroom*, Regis University, August 17-18, 2017.
- Attended *Collegium*: *Pause at 25* (a conference that reflected on the attributes and challenges of *Collegium* since its start 25 years ago; one of three Regis College representatives chosen by the Academic Dean) Minneapolis, MN, June 21-24, 2017.
- Participated in *Ignatian Advising Network* workshop, Regis University, Denver, CO, May 23-27, 2016.
- Participated in Howard Hughes Medical Institute's *Summer Institute on Scientific Teaching*, University of Colorado Boulder, Boulder, CO, June 22-26, 2015.
- Attended *Collegium*: *A Colloquy on Faith and Intellectual Life* (a conference on Catholic education and social thought) Portland, OR, June 14-21, 2013.
- Attended faculty development workshops on Jesuit mission and identity, J-Camp I (May 14-17, 2013) and J-Camp II (May 12-15, 2014), Regis University, Denver, CO.

OTHER PROFESSIONAL ACTIVITIES

- Judge for undergraduate research student posters at 2021 Virtual WAESO Student Research Conference **(2021)**
- Judge for undergraduate research student posters at 2020 WAESO Student Research Conference **(2020)**
- Reviewer for *Bioorganic and Medicinal Chemistry Letters* journal article submission **(AY2013-2014)**
- Served as external member of PhD dissertation defense committee at CU Boulder (**December, 2011)**
- Participated in Array BioPharma in-house two-day intensive pharmacokinetics course **(2007)**
- Attended supervisor training workshops: "*Improving Communication for Different Work Styles," "Setting Expectations/Goals and Giving Feedback,"* and *"Managing Effective Meetings"* **(2007)**
- Attended Keystone Symposium: *"Cancer and Kinases: Lessons from the Clinic"*, Santa Fe, NM **(2006)**
- Attended Medicinal Chemistry Intensive Program, UC San Diego, San Diego, CA. **(2005)**
- American Chemical Society member **(1994 – Present)**

OTHER LEADERSHIP EXPERIENCE

2008 – 2013, 2021-present **Parish Council President**

Sts. Peter & Paul Greek Orthodox Church, Boulder, CO

- Oversaw $200,000 fundraising campaign for and installation of dome iconography
- Led 10-member council responsible for administration, annual budgeting, fundraising, and community events
- Chaired and presented at biannual parish assembly meetings
- Co-chaired annual Greek festival for the past 13 years

2003 – 2008 and 2015-present

Parish Council member and officer

Sts. Peter & Paul Greek Orthodox Church, Boulder, CO

- Held various positions as member, Secretary, and Vice President

CURRENT AND FORMER RESEARCH STUDENTS (year graduated from Regis University)

- Cassidy Ditirro (anticipated graduation spring 2022)
- Vincent Tavalez (anticipated graduation spring 2022)
- Jacob Mitchell (anticipated graduation spring 2022)
- Sarah Sullivan (anticipated graduation spring 2022)
- Joaquin Mesa (anticipated graduation fall 2021)
- Ricardo Chavez-Molinar (2021)
- Sofia Gonzalez (2019)
- Kristian Johansen (2019)
- Christian Bitar (2018): pursuing Masters in Education
- Vu Nguyen (2018): graduate student in Chemistry Ph.D. program at Colorado School of Mines
- Simona Senovaityte (2018): Pharm. D. student in University of Colorado School of Pharmacy
- Eric Larson (2017): NIST summer intern (summer 2017); currently applying to medical school
- Kyle Carey (2016): medical school student at Thomas Jefferson University in Philadelphia
- Melanie Hubbuck (2015): completed M.S. in Metabolic Biology at University of California Berkeley
- Theodore Black (2014): medical school student at University of Colorado Medical School
- Wendy Serrano (2014): Pharm. D. student in University of Colorado School of Pharmacy