Group

MEMBERS (/MEMBERS)

ALISON'S CV (/ALISON-CV)

GROUP NEWS (/GROUP-NEWS-BLOG)

ALISON FLYNN

ASSOCIATE VICE-PROVOST – ACADEMIC

ASSOCIATE PROFESSOR, TENURED

EDUCATION

Ph.D. Chemistry, University of Ottawa, Canada, 2007

B.Sc.H., Chemistry, Queen's University, Canada, 2001

AWARDS

- Leadership Award: Transition to Online and Distance Teaching, University of Ottawa, 2021. Co-recipient with Dr. Jeremy Kerr
- Award for Chemistry Education, Chemical Institute of Canada, 2021
- Chair's Service Excellence Award, Department of Chemistry & Biomolecular Sciences, University of Ottawa, 2020
- Open Scholarship Award, University of Ottawa, 2019. Details (https://biblio.uottawa.ca/en/news/open-scholarship-award)
- 3M National Teaching Fellow, 2017
- Chair in University Teaching, University of Ottawa, 2016 - 2019

2018–2019

- Excellence in Education Award, University of Ottawa, 2012–2013
- Award of Excellence, Instructional Design & Learning, CNIE, 2013
- Excellence in Education Award, Faculty of Science, 2012-2013
- Desire2Learn Innovation Award in Teaching and Learning, 2012
- Capital Educators' Award finalist, 2012
- Science Students' Association: Professor of the Year, 2008

LEADERSHIP

- Departmental Teaching Personnel Committee, Department of Chemistry & Biomolecular Sciences, uOttawa, 2021–2023
- Global Young Academy, Member 2019–2024; Co-lead: Science Advice Working Group, 2019–2020
- Director, Canadian Society for Chemistry Accreditation Committee (2017–2023)
- Board of Directors: Canadian Society for Chemistry (2017–2023)
- Editorial Advisory Board: Chemistry Education: Research and Practice (2017–2020)
- Editorial Advisory Committee: Journal of Chemical Education (2017–2023)
- uOttawa Chemistry Department Awards Committee (2017–present)
- Board of Directors: eCampusOntario (Ontario Online Learning Consortium), eCampusOntario.ca

(https://www.ecampusontario.ca/) (2015–2021)

    - Finance and Audit Committee. An eCampusOntario Board of Directors' committee (2016–2021).
    - eCampusOntario working group: 2016 Call for Proposals criteria development.
    - CEO Search Committee (2016)
- American Chemical Society: International Activities Committee (2015–2018)
- Canadian Society for Chemistry Accreditation Committee (2014–2017)
- Advisory Committee of the uOttawa Ombudsperson (2012–2019)
- Undergraduate Chemistry Curriculum Committee (2012–present)
- Teaching Assistant Award committee (2012–present)
- Science Preparatory Workshop Organizer (2011–2016)
- STLHE conference session chair (2011)
- International Year of Chemistry (2011), uOttawa organizing committee.
- ACFAS Session organizer 2009 (Sciences de la vie).
- Chemistry Teachers' Partnership Conference 2008.

PUBLICATIONS

See Publications (/publications) section.

INVITED PRESENTATIONS

PRESENTATIONS

Note: ↑= upcoming

↑ Flynn, A. B. "In what ways do we assess the particulate nature of organic chemistry?" Symposium on the Explorations in Chemistry Education Research and Practice: International progress toward the development of students' understanding of particulate-level chemistry processes. Oral presentation at Pacifichem, Honolulu, Hawaii, December 2021.

↑ Flynn, A. B. "Purposeful choices in technology for chemistry education" Symposium on Teaching with Technology - help or hindrance? Oral presentation at Pacifichem, Honolulu, Hawaii, December 2021.

↑ Flynn, A. B. "Chemistry Education Research" Symposium on Assessment. Oral presentation at Pacifichem, Honolulu, Hawaii, December 2021.

↑ Flynn, A. B. "Studies on student learning in a new organic chemistry curriculum designed to deepen understanding of reactivity and chemistry principles", University of Sydney, Australia, November 5, 2021.

↑ Flynn, A. B. "STEM education: equipping and empowering learners", Times Higher Education Student Festival, October 27–28, 2021.

70. Flynn, A. B. "How do our programs and courses need to change to better include, equip, and empower learners?", September 29 – Oct 1, 2021, Australian Conference of Science and Mathematics Education (ACSME (http://acsme.edu.au)), **Keynote**.

69. Flynn, A. B. "Student learning in organic chemistry - Research findings and applications in courses" Concordia University, April 23, 2021.

68. Flynn, A. B. “Student learning in organic chemistry - Research findings and applications in courses” University of Windsor, April 21, 2021.

67. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding” Simon Fraser University, March 17, 2021.

66. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding” University of Victoria, March 15, 2021.

65. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding” UC Irvine, February 18, 2021.

64. Flynn, A. B. “Learning during a pandemic” University of Toronto, Chemical Engineering, February 10, 2021.

63. Flynn, A. B. “Studies on student learning in an organic chemistry curriculum designed to deepen understanding of reactivity and chemistry principles” UBC, February 2, 2021.65.

2020

62. Flynn, A.B. and St-Amant, A. “What to Expect” and “À quoi s’attendre” – Workshop offered through uOttawa’s Student Academic Support Service, August 11 and 13, 2020.

61. Flynn, A. B. “Synchronous classes in a remote course” Welcome to My Online Classroom, uOttawa, July 17, 2020.

60. Flynn, A. B. Instagram Live, Science Students’ Association, University of Ottawa, July 14, 2020.

59. Flynn, A. B. “Assessment in a remote course” University of Guelph. July 11, 2020.

58. Flynn, A. B. “Remote chemistry education in the time of a pandemic” Chemical Institute of Canada Webinar, CIC Virtual Series, June 17, 2020. Recording (https://www.youtube.com/watch?v=VkDID6YasIc&feature=youtu.be) and supporting documents (https://www.dropbox.com/home/Presentations/2020%20-%208%20-%20CIC%20Remote%20Teaching/Shared%20documents).

57. Flynn, A. B. “The incredible outcomes that arise from working with undergraduate students… and a few pitfalls to avoid” Methods in Chemistry Education Research – Online (MICERonline), Royal Society of Chemistry, UK, June 2020.

56. Talanquer, V.; Flynn, A. B. 2020 Biennial Conference on Chemical Education. Abstract accepted March 31, 2020. Because of the global COVID-19 pandemic, the 2020 Biennial Conference on Chemical Education was terminated on April 2, 2020, by the Executive Committee of the Division of Chemical Education, American Chemical Society; and, therefore, this presentation could not be given as intended.

55. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding of reactivity and chemistry principles”, University of Wisconsin-Madison, March 2020.

2019

54. Flynn, A. B. “Open Scholarship: steps, challenges, and opportunities” Presented at the Open Scholarship Award Ceremony, uOttawa, November 2019.

53. Flynn, A. B. “Growth & Goals Module” Seminar presented at Trent University, October 2019.

52. Flynn, A. B. “Growth & Goals” **Keynote** seminar for incoming mentors at uOttawa. uOttawa, August 2019.

51. Flynn, A. B. “The potential of Open Education Resources” Kesarwani conference, University of Ottawa, Ottawa, ON, June 2019.

50. Flynn, A. B., “Redesigning Chemistry Education to Face Challenges in Learning and Society” Gordon Research Conference: Chemistry Education Research and Practice, Bates College, Lewiston, Maine, USA, June 16-21, 2019. **Plenary speaker.**

49. Flynn, A. B. and Pazicni, S. “What are the implications for learners and learning in Systems Thinking in Chemistry Education?” Seminar presented in “Chemistry Building Our Future: Bringing Together Green and Sustainable Chemistry Education and Systems Thinking”, 102nd Canadian Chemistry Conference and Exhibition, Québec City, QC, June 2019.

48. O’Connor, E., Roy, K., & Flynn, A. B., “Growth & Goals: Come for lunch, leave with a new Growth & Goals module ready for any course” uOttawa TLSS Training and Events Program, Ottawa, ON, May 2019.

47. Flynn, A. B., Global Young Academy. Lightening talk, Halle, Germany, May 2019.

46. Flynn, A. B. “Reshaping postsecondary science education to equip learners to address complex 21st century challenges” Global Young Academy. Lightening talk, Halle, Germany, May 2019.

45. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding” University of Calgary, AB, Canada, April 2019.

44. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding”University of New Brunswick, Fredericton, NB, April 2019.

43. Flynn, A. B., O’Connor, E., & Roy, K. “Growth & Goals” **Distinguished Visiting Teaching Scholars**. Trent University, Peterborough, ON, March 2019.

2018

42. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding” University of Michigan, MI, USA, December 2018.

41. Flynn, A. B. “Studies on student learning in a new organic chemistry curriculum designed to deepen understanding of reactivity and chemistry principles” University of South Florida, Tampa, FL, USA, November 2018.

40. Flynn, A. B. “Studies on student learning in a redesigned organic chemistry curriculum” University of Iowa, Iowa, USA, October 2018.

39. Flynn, A. B. “Blended and flipped courses in chemistry/science: Structure, evaluation, benefits, and challenges” Western University, London, Ontario, September 28, 2018.

38. Flynn, A. B. “Growth & Goals: A module to help students take greater ownership of their learning” Western University, London, Ontario, September 27, 2018.

37. Flynn, A. B. “Leveraging educational research in organic chemistry: What might a curriculum become?” International Conference in Chemistry Education. **Plenary Speaker**, Sydney, Australia, July 2018.

Speaker: Sydney, Australia, July 2018.

36. Flynn, A. B. “Exploring student learning in a mechanistic patterns curriculum. Students skillfully propose reaction mechanisms; can they explain why they occur?”Portland State University, April 2018.

35. Flynn, A. B. “Flipped and blended chemistry courses: structures, implementation consideration, and evaluation” University of British Columbia-Okanagan, March 2018.

2017

34. Flynn, A. B. and team “Organic reaction mechanisms: symbolism, patterns, and explanations” Webinar for the Royal Society of Chemistry – Chemical Education Research Group. October 2017. https://goo.gl/jKZJnt (https://goo.gl/jKZJnt)

33. Flynn, A. B., Galloway, K. R., Featherstone, R.E., Stoyanovich, C., Webber, D. “Learning organic reaction mechanisms in a patterns of mechanisms curriculum.” 253rdAmerican Chemical Society National Meeting and Exposition, San Francisco, CA. Seminar presented in the Symposium in honor of Marcy H. Towns: ACS Award for Achievement in Research for the Teaching & Learning of Chemistry, March 2017**.**

32. Flynn, A. B., Featherstone, R.E., Bodé, N., Caron, J., Laroche, J., Bélanger, M., Richard, G., Visser, R. “OrgChem101.com: Online learning modules that can be used in blended, flipped, traditional, or other classroom environments.” Symposium: State of the Art: Applying Chemistry Education Research to Practice. 253rdAmerican Chemical Society National Meeting and Exposition, San Francisco, CA.

31. Flynn, A. B. “Learning outcomes guide course choices and give insight into student learning” **Keynote speaker**, C3 Conference, Toronto, Ontario, May 2017.

C3 Conference, Toronto, Ontario, May 2017.

30. Flynn, A. B. “Structuring for learning in a flipped course model” University of Alberta, Edmonton, March 2017.

2016

29. Flynn A. B. "A new organic chemistry curriculum that teaches chemistry’s language—arrows, symbolism, and mechanics—then organizes reactions by mechanistic patterns " Miami University, Miami, OH, USA, October 2016.

28. Flynn, A. B. “Une progression de pédagogies — de cours magistraux aux environments d’apprentissage flexibles | A progression of pedagogies — from lectures to flexible learning environments” Conférence des nouveaux professeurs | New professors’ conference, uOttawa, August 2016.

27. Flynn, A. B. “Flipped and blended chemistry courses: structures, implementation consideration, and evaluation” 2016 Biennial Conference on Chemical Education (BCCE), Greeley, Colorado, August 2016.

26. Flynn, A. B. “Student-directed online learning modules for organic chemistry: interactive, open access, and bilingual”99th Canadian Society for Chemistry Conference and Exhibition, Halifax, NS, June 2016.

25. Flynn, A. B. “A new organic chemistry curriculum that teaches chemistry’s language—arrows, symbolism, and mechanics—then organizes reactions by mechanistic patterns” University of Toronto, Toronto, ON, April 12, 2016.

24. Flynn, A. B. “Structuring and Teaching with a Flipped Course Model”, Wiley conference: Connect for Success, Toronto, ON, April 2016.

23. Flynn, A. B., “Flipped and blended chemistry courses:

structures, implementation consideration, and evaluation", Trent University, Peterborough, ON, March 23, 2016

22. Flynn, A. B., "Structuring and Teaching with a Flipped/Inverted Classroom Model" Wiley conference: Connect for Success, Ottawa, ON, February 2016.

21. Flynn, A. B., "A new organic chemistry curriculum that starts with chemistry's language—arrows, symbolism, and mechanics—then teaches reactions and principles"University of New Hampshire, USA, February 2016.

20. Flynn, A. B., "A new organic chemistry curriculum: arrows and mechanics then chemical principles"University of Nebraska—Lincoln, Nebraska, USA, January 2016.

2015

19. Flynn, A. B., "A new organic chemistry curriculum: Teaching the arrows and mechanics before the chemical principles" Columbia University, New York, NY, USA, December, 2015.

18. Flynn, A. B., "Flipped Courses in an Active Learning Classroom" Presented for an Aarhus University delegation (Denmark), University of Ottawa, October 2015.

17. Flynn A. B., "Arrows Before Mechanisms: Can Students Master Symbolism Before Principles?" Presented at the Gordon Research Conference: Chemistry Education Research and Practice, Lewiston, Maine, USA, June 2015.

16. Flynn, A. B., "Large Blends and Flips in Chemistry Courses" Presented at the Perspectives Symposium, University of Ottawa, May 2015.

2014

15. Flynn, A. B., "Research and Innovation Toward

Improving Learning in Chemistry: Flipped Courses, Synthesis, and a Mechanistic Curriculum" Presented at Purdue University, West Lafayette, Indiana, USA, December 2014.

14. Flynn, A. B., "Structuring and Teaching with a Flipped/Inverted Classroom Model in Organic Chemistry at uOttawa" Presented at the Online Learning: Today and Tomorrow Conference, Carleton University, Ottawa, ON, August 2014.

13. Montpetit. C.; Flynn, A. B.; Taylor, M.; Chapleau, F.; & Giguère, C. "Technologies en enseignement universitaire: Partage d'expériences | Technology and University Teaching: Sharing Experiences" Panel presentation to the Board of Governors of the University of Ottawa, Wakefield, QC, April 2014.

2013

12. Flynn, A. B., "Development of a Chemistry Learning Tool: Free, Online, Interactive and Student-Controlled" University of Ottawa's Centre for University Teaching's Keynote Lecture series. Ottawa, ON, September 2013.

2012

11. Flynn, A. B., "2013 D2L Innovation Award" Discussion session presented at the Centre for University Teaching, University of Ottawa, December 2012.

10. Flynn, A. B., "Nouvelle initiative à la Faculté des sciences : Atelier scientifique préparatoire" Mini-dialogue 2012, event for high school teachers and counselors, University of Ottawa, May, 2012.

2011

9. Flynn, A. B., "Easing the Transition: A New Preparatory

Workshop for Incoming Science Students / Faciliter la transition : un nouvel atelier préparatoire pour les nouveaux étudiants en sciences" Bilingual seminar presented at the Centre for University Teaching's Keynote Lecture Series, University of Ottawa, ON, 2011.

8. Flynn, A. B., "Flashware as an in-class visualization tool for chemical reactions." Seminar presented by videoconference at McMaster University, Hamilton, ON, 2011.

7. Flynn, A. B., "Teaching students to achieve higher orders of thinking earlier in their university careers" Seminar presented at Nelson Education's annual conference, Toronto, February 2011.

6. Flynn, A. B., "What's next? Graduate studies in the Department of Chemistry" Seminar presented at the University of Ottawa BIOX Club's careers night, Ottawa, February 2011.

2010

5. Flynn, A. B., "Panel discussion: Skills and knowledge base required of high school students beginning their University Education." Workshop at the Ottawa-Carleton District School Board professional development conference, Ottawa, February 2010. Declined due to maternity leave.

4. Flynn, A. B., "Teaching large courses" Professor Development Program for Part-Time Professors, University of Ottawa, August 2009. Declined due to maternity leave.

2009

3. Flynn, A. B., "Panel discussion: How can the preparation of high school students and their transition to University be improved?" Workshop at the Ottawa-Carleton District School Board professional development conference

School Board professional development conference, Ottawa, February 2009.

2008

2. Flynn, A. B., “Teaching Organic Chemistry” Seminar presented at the New Professors’ Lecture Program, University of Ottawa, April 2008.

1. Flynn, A. B., “Teaching Large Classes Effectively.” Présentation bilingue. Third Orientation and Professor Development Program for Part-Time Professors, University of Ottawa, September 2008.

CONTRIBUTED PRESENTATIONS

43. Flynn, A. B. “Practical ways to integrate chemistry education research findings into organic chemistry courses” Poster presented at the Royal Society of Chemistry Twitter Poster Conference, March 2019. https://twitter.com/alisonbflynn/status/1102844986415087617 (https://twitter.com/alisonbflynn/status/1102844986415087617)

42. O’Connor, E. K., Roy, K. & Flynn, A. B. “Hack your Success: A Self-Regulated Learning and Growth Mindset Module for post-secondary and beyond. Take an OER Home today”Workshop presented at the Society for Teaching and Learning in Higher Education conference, Sherbrooke, QC, June 2018.

41. Strean, W. B.; Maher, P. T.; Brooks, K.; and Flynn, A. B. “3M Train Wrecks/Dérapages 3M” Seminar presented at the Society for Teaching and Learning in Higher Education conference, Sherbrooke, QC, June 2018.

40. Flynn, A. B.; Raycroft, M. “An intended, enacted, and achieved framework to evaluate a new organic chemistry curriculum” Seminar presented at the 101st Canadian Society for Chemistry Annual Conference, Edmonton, AB, May 2018.

39. Flynn, A. B. "Hack Your Learning: A Self-Regulated learning and growth mindset module" Seminar and workshop in the Teaching and Learning Support Service Lecture Series, April 2018.

38. Flynn, A. B. “What are students’ learning and experiences in an online learning tool designed for cognitive and metacognitive skill development, with features including OER, bilingual, accessible, and learner controlled?” Society for the Teaching and Learning in Higher Education Annual Conference, Halifax, NS, June 2017.

37. Flynn, A. B., “Language of organic reaction mechanisms: isolating students’ use and interpretation of the symbolism” 100thCanadian Society for Chemistry Annual Conference, Toronto, ON, June 2017.

36. Bodé, Galloway, Raycroft, Bongers, Flynn. “Flynn Research Group work” Cross-Faculty Science Education Symposium. uOttawa, May 2017.

35. Flynn, A. B.; Caron, J.; Bodé, N. “Student-directed online learning modules for organic chemistry: interactive, open access, and bilingual” Seminar presented at the Society for Teaching and Learning in Higher Education conference, London, ON, June 2016.

34. Flynn, A. B. “Flipped and blended courses in lecture and active learning rooms: structure and evaluation” Workshop presented at the Society for Teaching and Learning in Higher Education conference, London, ON,

June 2016.

33. Flynn, A. B. “Chemistry Education Research in Canada: What It Is, Who Does It, and How to Get Involved”99th Canadian Society for Chemistry Conference and Exhibition, Halifax, NS, June 2016. Poster.

32. Flynn, A. B. “Symbolism before reactions: What is the effect of a new approach to the mechanistic organic chemistry curriculum?” Seminar presented at the 251st American Chemical Society National Meeting and Exposition, San Diego, CA, USA, March 2016.

31. Flynn, A. B. “Flipped & Blended Organic Chemistry and Spectroscopy Courses: Structure and Evaluation” Seminar presented at the 251st American Chemical Society National Meeting and Exposition, San Diego, CA, USA, March 2016.

30. Flynn, A. B. “Nomenclature101.com” A Workshop for High School Teachers given at the Ottawa-Carleton District School Board’s Pedagogical Activity (PA) day, Ottawa, ON, February 2016.

29. Flynn, A. B. “Learning Outcomes Anchor Flipped Courses” Session presented at the 98th Canadian Society for Chemistry conference, Ottawa, ON, June 2015.

28. Flynn, A. B. “Translating Research into Educational Practice” Workshop presented at the 98th Canadian Society for Chemistry conference, Ottawa, ON, June 2015.

27. Flynn, A. B. “The implementation of Organic Synthesis and Retrosynthesis Learning Activities in a Large Course: Lessons & Recommendations” Session presented at the International Conference for Chemistry Education, Toronto, ON, July 2014. Seminar presented at the International Conference for Chemistry Education, Toronto, ON, July 2014.

26. Flynn, A. B. and Mahaffy, P. “Getting Started in Chemistry Education Research” Session presented at the International Conference for Chemistry Education, Toronto, ON, July 2014.

25. Flynn, A. B.; Caron, J.; Laroche, J.; Daviau-Duguay, M.; Marcoux, C.; & Richard, G. “Nomenclature101.com” Poster presented at the International Conference for Chemistry Education, Toronto, ON, July 2014. *Poster prize*.

24. Flynn, A. B.; Caron, J.; Laroche, J.; Marcoux, C.; & Richard, G. “A Bilingual, Online, Interactive, Learning Tool for Organic Chemistry” Seminar presented at the Society for Teaching and Learning in Higher Education annual conference, Kingston, ON, June 2014. http://www.queensu.ca/stlhe2014/program/concurrent-sessions/concurrent-sessions-2-interactive-workshops-and-panels (http://www.queensu.ca/stlhe2014/program/concurrent-sessions/concurrent-sessions-2-interactive-workshops-and-panels)

23. Flynn, A. B. “Large Courses, Large Flips” Seminar presented at the Canadian Society for Chemistry annual conference, Vancouver, BC, June 2014. http://abstracts.csc2014.ca/00001236.htm (http://abstracts.csc2014.ca/00001236.htm)

22. Flynn, A. B. “Improving In-Class Learning Activities for Retrosynthetic Analysis in Organic Chemistry” Poster presented at the Gordon Research Conference: Chemistry Education Research & Practice, Newport, RI, USA, June 2013.

21. Flynn, A. B. “New way to use clickers to help students learn!! Does it work at all?”Seminar presented at the Society for Teaching and Learning in Higher Education annual conference, Sydney, NS, June 2013.

annual conference, Sydney, NS, June 2013.

20. Flynn, A. B., Caron, J., Laroche, J., Marcoux, C., Richard, G. “Organic chemistry nomenclature: An online learning tool” Poster presented at the Canadian Network for Innovation in Education annual conference, Ottawa, ON, May 2013.

19. Flynn, A. B.; Veilleux-Deschênes, J., “Easing the Transition: A New Preparatory Workshop for Incoming Science Students” Seminar presented at the Ottawa-Carleton District School Board professional development conference, Ottawa, February 2012.

18. Flynn, A. B., “Students CAN achieve higher orders of thinking in introductory organic chemistry courses” Seminar presented at the 94th Canadian Chemistry Conference and Exhibition, Montreal, QC, June 2011.

17. Flynn, A. B., “Regular and timely feedback for student and instructor alike, while connecting in- and out-of-class learning” Seminar presented at the Society for Teaching and Learning in Higher Education annual conference, Saskatoon, SK, June 2011.

16. Flynn, A. B., “What’s next? Exploring the options for students in chemistry and related disciplines in University and beyond” Seminar at the Ottawa-Carleton District School Board professional development conference, Ottawa, February 2011.

15. Flynn, A. B., “Transition from High School to University or College” Roundtable workshop organized for the Ottawa-Carleton District School Board professional development conference, Ottawa, February 2011.

14. Flynn, A. B., “Problem-Based Learning in an Undergraduate Medicinal Chemistry Course” Seminar presented at the Society for Teaching and Learning in Higher Education annual conference, Fredericton, NB

Higher Education annual conference, Fredericton, NB, June 2009.

13. Flynn, A. B., “The Integration of Different Types of Technology to Assess and Enhance Student Learning in Large Organic Chemistry Classes” Seminar presented at 92nd Canadian Chemistry Conference and Exhibition, Hamilton, ON, May 2009.

12. Flynn, A. B., “Problem-Based Learning in an Undergraduate Chemistry Course” ” Seminar presented at 92nd Canadian Chemistry Conference and Exhibition, Hamilton, ON, May 2009.

11. Flynn, A. B., “L’apprentissage par problèmes dans un cours universitaire de laboratoire de chimie médicinale.” Séminaire présenté au 77eCongrès annuel de l’ACFAS, Ottawa, ON, May 2009.

10. Flynn, A. B., “Facilitating the transition of students in chemistry from high school to university.” Workshop presented at the Chemistry Teachers’ Partnership Conference, Ottawa, ON, October 2008.

9. Flynn, A. B.; Ogilvie, W. W., “Synthesis of single isomer tetrasubstituted olefins.” Seminar presented at the 89th Canadian Chemistry Conference and Exhibition, Halifax, NS, May 2006.

8. Flynn, A. B.; Ogilvie, W. W., “Stereodefined synthesis of tetrasubstituted olefins.” Seminar presented at the Ottawa-Carleton Chemistry Institute Day, Ottawa, ON, 2006. Winner of the CSC local section award for outstanding seminar

7. Flynn, A. B.; Ogilvie, W. W., “Regio- and stereoselective synthesis of tetrasubstituted olefins.” Poster presented at the Québec/Ontario Minisymposium in Synthetic and Bioorganic Chemistry, St. Adèle, QC, Nov 2005.

6. Flynn, A. B.; Ogilvie, W. W., “Studies toward the regio- and stereoselective synthesis of tetrasubstituted olefins.” Poster presented at Synthesis Day, Ottawa, ON, 2005.

5. Flynn, A. B.; Ogilvie, W. W., “Improving Accessibility to tetrasubstituted olefins.” Poster presented at the Ottawa-Carleton Chemistry Institute Day, Ottawa, ON, 2005.

4. Flynn, A. B.; Ogilvie, W. W., “Studies towards the Phosphine-Catalyzed Dipolar [3+2] Cycloaddition between alkynes as latent dipoles and cyclopropanes.” Poster presented at Synthesis Day, Ottawa, ON, 2004.

3. Flynn, A. B.; Ogilvie, W. W., “Development of a Fluorescence Based Methodology for Enantioselective Reaction Monitoring.” Poster presented at the Québec/Ontario Minisymposium in Synthetic and Bioorganic Chemistry, Gatineau, QC, 2004.

2. Flynn, A. B.; Ogilvie, W. W., “Application of Fluorescence Resonance Energy Transfer (FRET) to the discovery of enantioselective reactions.” Poster presented at the 87th Canadian Chemistry Conference and Exhibition, London, ON, 2004.

1. Flynn, A. B.; Ogilvie, W. W., “Development of methodology for reaction monitoring through application of Fluorescence Resonance Energy Transfer (FRET).” Poster presented at the Ottawa-Carleton Chemistry Institute Day, Ottawa, ON, 2004.

OUR WORK IN THE MEDIA

24. Liza Agrba. “How Canadian universities are evaluating students during the coronavirus pandemic”. MacLean’s, **March 2020**. LINK

March, **2020**. LINK (https://www.macleans.ca/education/how-canadian-universities-are-evaluating-students-during-the-coronavirus-pandemic/)

23. uOttawa Gazette “Tips for moving face-to-face classes online… FAST!” March 24, 2020. LINK (https://www.uottawa.ca/gazette/en/news/tips-moving-face-face-classes-online-fast)

22. Tim Lougheed. “Curriculum meets coronavirus”. March, **2020**. LINK (1.%09https:/www.cheminst.ca/magazine/article/curriculum-meets-coronavirus)

21. Julia Winter “S1E6: Center on Student Growth”, Podcast, Ideas that Matter, **2020**. (iTunes (https://t.co/bvAdJfbsTw?amp=1), Spotify (https://t.co/6YHyjmZqVE?amp=1))

20. Flynn, A. B. “Chemistry Education Research in the *Canadian Journal of Chemistry*: expanded scope and guidelines for authors” *Canadian Journal of Chemistry*, **2019**, *97*(10), iii–v. https://doi.org/10.1139/cjc-2019-0327 (https://doi.org/10.1139/cjc-2019-0327)

19. Flynn, A. B.; Watson, G.; and Wilson, J. “Write a teaching philosophy statement that stands out” University Affairs, March 6, 2019. https://www.universityaffairs.ca/career-advice/career-advice-article/write-a-teaching-philosophy-statement-that-stands-out/ (https://www.universityaffairs.ca/career-advice/career-advice-article/write-a-teaching-philosophy-statement-that-stands-out/)

18. Growth & Goals module featured during Open Education Week, 2019. https://www.openeducationweek.org/resources/growth-goals-module

(https://www.openeducationweek.org/resources/growth-goals-module)

17. OrgChem101 learning modules featured during Open Education Week, 2019. https://www.openeducationweek.org/resources/orgchem101 (https://www.openeducationweek.org/resources/orgchem101)

16. “Remarkable researchers join a prestigious academy” Gazette, February 21, 2019. https://research.uottawa.ca/news/remarkable-young-researchers-join-prestigious-academy (https://research.uottawa.ca/news/remarkable-young-researchers-join-prestigious-academy)

15. Judith Tobin. “Developing and Integrating an Open Educational Resource to Equip Students for Better Learning at the University of Ottawa, Ontario, Canada” Pockets of Innovation, Contact North | Contact Nord, February 4, 2019. https://teachonline.ca/pockets-innovation/developing-and-integrating-open-educational-resource-equip-students-better-learning-university (https://teachonline.ca/pockets-innovation/developing-and-integrating-open-educational-resource-equip-students-better-learning-university)

14. Sarah Cookall. “U of O study: Chemistry students learn best by identifying patterns” The Fulcrum. January 16, 2019. https://thefulcrum.ca/news/u-of-o-study-chemistry-students-learn-best-by-identifying-patterns/ (https://thefulcrum.ca/news/u-of-o-study-chemistry-students-learn-best-by-identifying-patterns/)

13. Marina Wang. “Meet the Editor: Canadian Journal of Chemistry” Canadian Science Publishing. December 10, 2018. blog.cdnsciencepub.com/meet-the-editor-canadian-

journal-of-chemistry (http://blog.cdnsciencepub.com/meet-the-editor-canadian-journal-of-chemistry/)Agrba, Liza. Learning in Higher Education — Advice for incoming students, Macleans, December 3, 2018, https://www.macleans.ca/education/university/21-tips-every-first-year-student-should-know/ (https://www.macleans.ca/education/university/21-tips-every-first-year-student-should-know/)

12. Visser, R. & Flynn, A. B. “Developing Open Educational Resources in French and English for Students of Organic Chemistry at the University of Ottawa, Canada” *Pockets of Innovation*, Contact North, May 25, 2018, https://teachonline.ca/pockets-innovation/developing-open-educational-resources-french-and-english-students-organic-chemistry-university (https://teachonline.ca/pockets-innovation/developing-open-educational-resources-french-and-english-students-organic-chemistry-university).

11. Nick Baker, Alison Flynn, and Michel Singh “Faculty and Student Collaboration”, eCampusOntario, 2017. https://sxdlab.ecampusontario.ca/videos/faculty-and-student-collaboration/ (https://sxdlab.ecampusontario.ca/videos/faculty-and-student-collaboration/)

10. Tim Lougheed. Overcoming Teaching Challenges in Organic Chemistry, *ACCN - Canadian Chemical News / L'Actualité chimique canadienne*,March/April 2016. http://www.cheminst.ca/magazine/news/overcoming-teaching-challenges-organic-chemistry (http://www.cheminst.ca/magazine/news/overcoming-teaching-challenges-organic-chemistry)

9. David Read. Reorganizing Organic Chemistry, *Education in Chemistry*, Royal Society of Chemistry, June 17th, 2015. http://www.rsc.org/eic/2015/06/teaching-organic-

chemistry-reaction-mechanism (http://www.rsc.org/eic/2015/06/teaching-organic-chemistry-reaction-mechanism)

8. David Read. Flipped Chemistry Revisited, Education in Chemistry, Royal Society of Chemistry, March 5, 2015. http://www.rsc.org/eic/2015/03/flipped-classroom-teaching (http://www.rsc.org/eic/2015/03/flipped-classroom-teaching)

7. Smith, V. What is Blended Learning? *University Affairs Magazine*, November 5th, 2014. http://www.universityaffairs.ca/its-all-in-the-blend.aspx (http://www.universityaffairs.ca/its-all-in-the-blend.aspx)

6. Organic chemistry students get online support for knowledge gap. *ACCN - Canadian Chemical News / L'Actualité chimique canadienne*,July/August, 2014. http://www.cheminst.ca/sites/default/files/pdfs/ACCN/2014PDFs/JulyAugust_2014.pdf (http://www.cheminst.ca/sites/default/files/pdfs/ACCN/2014PDFs/JulyAugust_2014.pdf)

5. Abraham, S. The new active learning classroom. *uOttawa Gazette* February 12th, 2014. http://www.gazette.uottawa.ca/en/2014/02/the-new-active-learning-classroom/ (http://www.gazette.uottawa.ca/en/2014/02/the-new-active-learning-classroom/)

4. Wellman, L., Professor Alison Flynn's university transition program: 450 students strong! uOttawa *Gazette*, October 3rd, 2011.http://www.gazette.uottawa.ca/en/2011/10/professor-alison-flynns-university-transition-program-450-students-strong/ (http://www.gazette.uottawa.ca/en/2011/10/professor-alison-flynns-university-transition-program-450-students-

strong/)

3. Irving, T., New Online Tool for Organic Nomenclature. *ACCN - Canadian Chemical News / L'Actualité chimique canadienne*, January, 2012. http://www.accn.ca/index.php?ci_id=3264&la_id=1 (http://www.accn.ca/index.php?ci_id=3264&la_id=1)

2. Innovative practices in teaching and learning earn University of Ottawa professor inaugural award. The Thinker, June 2012. http://www.calameo.com/read/0002180703314050c8407 (http://www.calameo.com/read/0002180703314050c8407)

1. Teaching / Learning Grants awarded in 2012. The Thinker, September 2012.http://www.saea.uottawa.ca/images/stories/thinker/the_thinker_september_2012.pdf (http://www.saea.uottawa.ca/images/stories/thinker/the_thinker_september_2012.pdf)

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