

Irma Azeneth PATINO ZUNIGA

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EDUCATION

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|---|------|
| PhD in Educational Technology Université Laval | 2021 |
| Master of Education, Higher Education Universidad Autónoma de Nuevo Leon | 2013 |
| Bachelor of Arts, Applied Linguistics Universidad Autónoma de Nuevo Leon | 2006 |

HONOURS AND AWARDS

- PhD thesis with distinction, Faculté des Études Supérieures de l'Université Laval, 2021

SCHOLARSHIPS AND FELLOWSHIPS

- MITACS Accelerate Grant Program. (November 2017-May 2018)
- Grant from the National Council of Science and Technology and the Institute of Innovation and Technology Transfer of Nuevo León (CONACYT-I2T2). (January 2014-December 2017)
- Grant from the Center for Research and Intervention on School Success (CRIRES) 2016-2017 for the writing of scientific articles and presentation of scientific papers. (May 2017)
- Grant for scientific communications awarded by the Association of Student Researchers in Education (ACCESE). (January 2017)
- Grant for scientific publications awarded by the Association of Student Researchers in Education (ACCESE). (January 2016)
- Grant for admission and academic progress from the Faculty of Education at Laval University. (January 2014-October 2017)
- Scholarship from the FFYL at Universidad Autónoma de Nuevo León (UANL) to finance master's degree studies. (2011-2013)
- Scholarship from the "Talent Development Program" at Universidad Autónoma de Nuevo León (UANL) awarded to outstanding undergraduate students. (2001-2006)

TEACHING EXPERIENCE

- Adjoint Professor**, Universidad Autónoma de Nuevo León, Mexico January 2022-June 2022
- Designed and facilitated courses in the School of Philosophy and Letters such as
 - e41-Educational Psychology
 - e51-Translation of legal texts
 - e61-Teaching of French in basic education
 - e61-Educational technology
 - i01-Professional overview of the language sciences
 - t03-Praxis of simultaneous interpreting
 - t91-Consecutive interpreting laboratory
 - t93-Dubbing and Subtitling Laboratory
- Teaching Assistant**, Université Laval, Canada 2020-2021
- Planned and facilitated workshops focusing on French oral communication to immigrants.
- Facilitator**, The University of Western Ontario, Canada Spring 2021
- Planned and facilitated online sociocultural activities and workshops on French language to university students participating in the Explore program.
- Spanish and English language teacher**, École des Ursulines de Québec, Canada 2018-2020
- Planned and facilitated extra-curricular activities for elementary school children integrating ICT technologies for education.
- Instructor**, Faculty of Philosophy and Letters, UANL, Mexico 2009-2014
- Planned and facilitated French as a second language courses to university students and adults.
- Instructor**, Universidad TecMilenio, Mexico 2008-2009
- Planned and facilitated an English course for undergraduate students.
- Instructor**, Faculty of Dentistry, UANL, Mexico 2007
- Designed and delivered an English course for undergraduate students in large group formats; designed evaluation tools and prepare students for standardized language proficiency examinations.
- French as a foreign language teacher**, Secretaria de Educación del Estado de Nuevo León 2005-2007 & 2008-2013
- Facilitated French language courses to secondary school students.
- Teaching assistant**, Académie de Grenoble, France 2007-2008
- Facilitated Spanish language workshops and assisted Spanish language teachers in an elementary and a secondary school.

RESEARCH EXPERIENCE

- Postdoctoral Researcher**, Institute for the Future of Education, Tec de Monterrey June 2022 – to date
- Conducted research studies, participated in scientific articles writing and design and submitted research proposal for external funding for the IRG-R4C [Interdisciplinary Research Group Reasoning for Complexity](#).
- Research Professional**, Faculty of Education, Université Laval March – July 2022
- Project leader: Nadia Naffi (Chairholder of the Chair in Educational Leadership on Innovative Pedagogical Practices in Digital Contexts – National Bank)
- Conducted a systematic literature review and collaborated in the project [Women workers facing the challenge of digital transformation: A case study in the insurance sector](#).
 - Analyzed collected data and collaborated in the project [Transformation IA-santé : Habilitier les professionnels qui ont des responsabilités de formation \(PRF\) à développer les compétences du futur en santé](#).
- Research Assistant**, Faculty of Education, Université Laval July – August 2020
- Project leader: Nadia Naffi (Chairholder of the Chair in Educational Leadership on Innovative Pedagogical Practices in Digital Contexts – National Bank)
- Conducted an analysis of Equity resources publicly shared by Centers for Teaching and Learning in 23 countries; contributed to writing the White Paper [«Disruption in and by Centres for Teaching and Learning During the COVID-19 Pandemic – Leading the Future of Higher Education»](#).
- Doctoral researcher**, Faculty of Education, Université Laval 2014-2021
- Conducted research on affordances of digital games for learning English as a second language.
- Research Assistant**, Université Laval, Canada November 2019- March 2020
- Project leader: Nadia Naffi, (Chairholder of the Chair in Educational Leadership on Innovative Pedagogical Practices in Digital Contexts – National Bank)
- Conducted a literature review on emerging technologies being used in continuing education [« Panorama de l'utilisation des médias sociaux et autres technologies numériques émergentes dans les expériences de formation pour la 4^e révolution industrielle »](#).
- Research Intern**, Pédagosoft, Canada November 2017 – May 2018
- Conducted a literature review on grammar teaching and learning strategies and serious game mechanics; designed game scenarios for a serious game to improve grammar skills of elementary school students.
- Research Assistant**, Faculty of Education, Université Laval March 2017 – February 2018
- Project leader: Margarida Romero
- Participated in seminar planning; performed admin tasks; contributed to writing documents and proposals, assisted associate researchers during interviews with participants; translating, revising, and editing articles and chapters for publication.

- Visiting doctoral researcher**, Universidad Regiomontana (U-ERRE) 2014-2017 (1 visit per year)
- Conducted a critical review of literature and created an annotated bibliography for a longitudinal research project on technologies for teaching languages

PROFESIONAL EXPERIENCE

- Instructional Designer**, Université Laval 2021-2022
- Designed pedagogical activities and educational resources for a MOOC addressed to Instructional designers about designing online courses in the post-covid era.
- Consultor**, ACEF du Nord de Montréal 2019-2020
- Designed a board game on consumer rights.
- Writer of test items**, Universidad TecMilenio 2011-2012
- Designed multiple choice items and questions for standardized modern language examinations and tests
- Instructional Designer**, Tecnológico de Monterrey 2011
- Designed pedagogical activities for a French language online course
- Service Desk Support Analyst**, ACS-Xerox 2009-2013
- Provided IT support to employees of an international company; evaluated French proficiency level of candidates and employees.

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

- Organizer**, PhDchatting collective 2020-2021
- Communications and social media manager**, Association of graduate students at the Faculty of Education (ACCESE) 2015-2016
- Coordinator**, Language Self-learning Center, Faculty of Dentistry (UANL) 2005-2007

PUBLICATIONS

Doctoral thesis

Patino, A. (2021). *Les affordances d'un jeu sérieux éducatif pour l'apprentissage de l'anglais langue seconde chez des étudiants universitaires de premier cycle* [Thèse de doctorat en technologie éducative]. Université Laval.

Chapters in Books

- **Patiño, A.**, & Romero, M. (2020). *El uso de juegos serios para el aprendizaje global y la educación inteligente en museos tecno-creativos*. Dans J. Sanabria-Z, *Cultura participativa en museos tecno-creativos. Reflexiones a partir del proyecto LITCA* (p. 101-126). Editorial Arquitónica.
- **Patiño, A.**, & Romero, M. (2017). *Understanding Game Mechanics under the Activity Theory Approach in DGBL*. Dans *Game-based Learning Theory, Strategies and Performance Outcomes*. (p. 189-201). Nova Science Pub Inc.
- Lille, B., Romero, M., & **Patiño, A.** (2017). *La conception de défis technocréatifs*. Dans *Usages créatifs du numérique : pour l'apprentissage au XXIe siècle*. (p. 53-61). Québec : Presses de l'Université du Québec

Papers in Refereed Conference Proceedings

- Ramírez-Montoya, M. S., Baena-Rojas, J. J., & **Patiño, A.** (2023). *Educational Robotics and Complex Thinking: Instructors Views' on Using Humanoid Robots in Higher Education*. 14th International Conference on Robotics in Education - RiE 2023
- **Patiño, A.** (2020). *Des activités techno-ludiques pour soutenir l'apprentissage de l'espagnol langue étrangère comme activité parascolaire au primaire*. Actes de colloque CIRTA 2019., 31-34.
- Capus, L., **Patiño, A.**, & Guité, F. (2018). *FrancoFunIA : l'ingénierie pédagogique, la ludification et l'intelligence artificielle au service de l'apprentissage du français*. Dans P. Plante & A. Stockless, *Actes du Colloque CIRTA 2018 : Présent et futur de l'enseignement et de l'apprentissage numérique* (p. 12-14). Consulté à l'adresse <https://cirta2018.telug.ca/actes-du-colloque/>
- **Patiño, A.**, Romero, M., & Priego, S. (2017). *Vers une définition des affordances pour l'apprentissage des langues étrangères en contexte des jeux sérieux éducatifs*. Dans A. Stockless, I. Lepage, & P. Plante, *Actes de Colloque CIRTA 2017 : Ouvrir les murs de la classe avec le numérique* (p. 204-209). Consulté à l'adresse https://archipel.uqam.ca/11142/1/201803031_actes_de_colloque_CIRTA_2017.pdf
- **Patiño, A.**, Romero, M., & Proulx, J.-N. (2016). *Analysis of Game and Learning Mechanics According to the Learning Theories* (pp. 1–4). IEEE. <https://doi.org/10.1109/VS-GAMES.2016.7590337> (Scimago H-index 8)
- **Patiño, A.**, & Romero, M. (2015). *Identifying Pedagogical Uses of Serious Games for Learning English as a Second Language*. In A. De Gloria (Ed.), *Games and Learning Alliance* (Vol. 9221, pp. 31–43). Cham: Springer International Publishing. Retrieved from http://link.springer.com/10.1007/978-3-319-22960-7_4

Publications in refereed journals

- **Patino, A.**, Ramirez-Montoya, M. S., & Buenestado-Fernández, M. (2023). Active learning and education 4.0 for complex thinking training: analysis of two case studies in open education. *Smart Learning Environments*, 10(1), 8. <https://doi.org/10.1186/s40561-023-00229-x>
- Alfaro-Ponce, B., **Patino, A.**, & Sanabria-Z, J. (2023). Components of Computational Thinking in Citizen Science Games and Its Contribution to Reasoning for Complexity Through Digital Game-based Learning: A Framework Proposal. *Cogent Education*. <https://doi.org/http://dx.doi.org/10.1080/2331186X.2023.2191751>
- Romero, M., Laferrière, T., Hernandez, L. & **Patino, A.** (2019). Usos pedagógicos de las TIC según la actividad creativa del discente. *Revista Internacional de Tecnologías en la Educación*, 6(1), 45-50.
- **Patino, A.**, & Martínez-Cantú, A. G. (2019). Tensiones en el diseño instruccional de cursos en línea en instituciones de educación superior. *EduTec-e. Revista Electrónica de Tecnología Educativa*, (69), 102-120. <https://doi.org/10.21556/edutec.2019.69.1381>
- Romero, M., & **Patino, A.** (2018). Usos pedagógicos de las TIC : del consumo a la co-creación participativa. *Revista Referencia Pedagógica*, 6(1), 2-15. Consulté à l'adresse <http://rrp.cujae.edu.cu/index.php/rrp>

Professional Papers

- Naffi, N., Davidson, A.-L., **Patino, A.**, Beatty, B., Gbetoglo, E., & Duponsel, N. (2020, septembre). Online learning during COVID-19 : 8 ways universities can improve equity and access. *The Conversation*. <http://theconversation.com/online-learning-during-covid-19-8-ways-universities-can-improve-equity-and-access-14> Naffi, N., Davidson, A.-L., Patino, A., Beatty, B., Gbetoglo, E., & Duponsel, N. (2020, septembre). Online learning during COVID-19 : 8 ways universities can improve equity and access. The Conversation. <http://theconversation.com/online-learning-during-covid-19-8-ways-universities-can-improve-equity-and-access-1452865286>
- Naffi, N., Davidson, A.-L., Clark, R. E., Snyder, D., Kaufman, R., Beatty, B., Wallace, G., **Patino, A.**, Gbetoglo, E., Duponsel, N., Savoie, C., Ruby, I., Paquelin, D., & Fournel, I. (s. d.). Cinq recommandations aux bureaux de soutien à l'enseignement pour aider les professeurs à passer aux cours en ligne. Affaires universitaires. Consulté 25 septembre 2020, à l'adresse <https://www.affairesuniversitaires.ca/opinion/a-mon-avis/cinq-recommandations-aux-bureaux-de-soutien-a-l-enseignement-pour-aider-les-professeurs-a-passer-aux-cours-en-ligne/>
- Naffi, N., Davidson, A.-L., Clark, R. E., Snyder, D., Kaufman, R., Beatty, B., Wallace, G., **Patino, A.**, Gbetoglo, E., Duponsel, N., Savoie, C., Ruby, I., Paquelin, D., & Fournel, I. (2020, septembre). 5 recommendations from teaching centres to teaching centres to help faculty shift online. University Affairs. <https://www.universityaffairs.ca/opinion/in-my-opinion/5-recommendations-from-teaching-centres-to-teaching-centres-to-help-faculty-shift-online/>

Collective works

- Romero, M., Lille, B., & **Patiño, A.** (2017). Usages Créatifs du numérique : pour l'apprentissage au XXIe siècle. Québec : Presses de l'Université du Québec.
- Romero, M., Villalba-Condori, K., & **Patiño, A.** (Éd.). (2018). #CoCreaTIC, usos creativos de las tecnologías para el aprendizaje. Perú : Universidad Católica de Santa María.

Collaborations and mentions in collective works

- Naffi, N., Davidson, A.-L., Snyder, D., Kaufman, R., Clark, R. E., **Patino, A.**, Gbetoglo, E., Duponsel, N., Savoie, C., Beatty, B., Wallace, G., Fournel, I., Ruby, I., & Paquelin, D. (2020). *Disruption in and by Centres for Teaching and Learning During the COVID-19 Pandemic. Leading the Future of Higher Ed.* Observatoire international sur les impacts sociétaux de l'IA et du numérique (OBVIA). <https://www.docdroid.net/L0khasC/whitepaper-disruption-in-and-by-centres-for-teaching-and-learning-during-the-covid-19-pandemic-leading-the-future-of-higher-ed-21-08-2020-pdf>

PRESENTATIONS AND CONFERENCES

Presentations in Peer Reviewed Conferences

- Suárez-Brito, P., Alfaro-Ponce, B., Cruz-Sandoval, M. A., **Patiño-Zúñiga, I. A.**, Ibarra-Vazquez, G., Medina-Vial, A., & Carlos-Arroyo, M. (2023, January). *El reto del pensamiento complejo: Definir formas innovadoras para medir competencias educativas.* <https://hdl.handle.net/11285/650279>
- **Patiño, A.** (2022, May 13). *Las emociones en el aprendizaje de lenguas extranjeras a través del juego digital.* Congreso Internacional sobre Emociones, Discursos y Argumentación, Universidad Autónoma de Nuevo León, Monterrey, Mexico.
- **Patiño, A.** (2022, August 30). *Desarrollo de competencias digitales en futuros docentes de francés para el uso de juegos digitales como herramienta de enseñanza-aprendizaje.* IV Congreso Internacional "Problemas de la enseñanza de la lengua/Lenguaje/ELM/ELE," Monterrey, Mexico.
- **Patino, A.** (2019, October 22). *Des activités techno-ludiques pour soutenir l'apprentissage de l'espagnol langue étrangère comme activité parascolaire au primaire.* Colloque de la Communauté pour l'Innovation et la Recherche sur les Technologies dans l'enseignement\Apprentissage, Sherbrooke, Canada.
- **Patino, A.** (2018). *Les affordances des jeux sérieux éducatifs pour l'apprentissage de l'anglais langue étrangère chez des étudiants universitaires.* Séminaire COCREATIC, Quebec, Canada.

- **Patino, A.** (2018, October 11). *FrancoFunIA : l'ingénierie pédagogique, la ludification et l'intelligence artificielle au service de l'apprentissage du français*. Colloque de la Communauté pour l'Innovation et la Recherche sur les Technologies dans l'enseignement\Apprentissage, Quebec, Canada.
- **Patino, A.**, Osorio Agudelo, D., & Priego, S. (2017). *Les mécaniques de jeu comme affordances pour l'apprentissage des langues secondes*. Sommet de l'Ipad et du numérique en éducation 2017, Montréal, Canada.
- **Patino, A.** (2017, October 11). *Vers une définition des affordances pour l'apprentissage des langues étrangères en contexte des jeux sérieux éducatifs*. Colloque de la Communauté pour l'Innovation et la Recherche sur les Technologies dans l'enseignement\Apprentissage, Montreal, Canada.
- **Patino, A.**, & Romero, M. (2017). *An Activity Theory-based Analysis of Play Activity for DGBL interventions in Formal Education*. Canadian Game Studies Association Conference, Toronto, Canada.
- **Patino, A.**, Romero, M., & Proulx, J.-N. (2016). *Analysis of Game and Learning Mechanics According to the Learning Theories*. 8e International Conference on Games and Virtual Worlds for Serious Applications (VS-Games), Barcelona, Spain.
- **Patino, A.**, Proulx, J.-N., & Romero, M. (2016). *Analyse des mécaniques de jeu et d'apprentissage selon les principales théories de l'apprentissage*. Colloque de la Communauté pour l'Innovation et la Recherche sur les Technologies dans l'enseignement\Apprentissage, Québec, Canada.
- **Patino, A.** (2015, March). *Serious Games for Improving English Language Communicative Competence in Undergraduate Students*. Graduate Symposium of the Department of Education at Concordia University, Montreal, Canada.
- **Patino, A.**, & Romero, M. (2014). *Identifying Pedagogical Uses of Serious Games for Learning English as a Second Language*. GALA Conference 2014, Bucharest, Romania.
- **Patino, A.**, & Romero, M. (2014, October). *L'intégration pédagogique des jeux sérieux pour l'apprentissage de l'anglais langue seconde*. Colloque de la Communauté pour l'Innovation et la Recherche sur les Technologies dans l'enseignement\Apprentissage, Sherbrooke, Canada.

Panel Keynote and Invited presentations

- **Patino, A.** (2023, January 11). *Desarrollo de un videojuego de educación financiera en el marco del razonamiento para la complejidad* [Conference presentation]. Estancia Internacional UNESCO/ICDE Movimiento Educativo Abierto para América Latina, Monterrey, Mexico. <https://repositorio.tec.mx/handle/11285/650029>
- **Patino, A.**, & Naffi, N. (2023, January 23). *Approches de formation pour mieux équiper la force de travail post-pandémique*.

- Naffi, N., & **Patino, A.** (2022, May 25). *Approches de formation tout au long de la vie pour mieux équiper les travailleuses face aux défis de la transformation numérique*. Causerie sur les changements dans le travail su personnel du soutien. 2e édition, Quebec, Canada.
- **Patino, A.** (2022, May 28). *Usos pedagógicos de las TIC para la enseñanza de lenguas*. Seminario en la Escuela de Graduados de la Universidad Pedagógica Nacional, Bogota, Colombia.
- **Patino, A.** (2022, September 5). *DGBL: Aprender a través del juego digital*. Encuentro de Investigadores en Acción, Tecnológico de Monterrey, Monterrey, Mexico.
- **Patino, A.** (2021, October). *Intégrer des jeux pour soutenir l'apprentissage du français dans ma classe*. Précongrès de l'Association Québécoise des Professeurs de Français (AQPF).
- **Patino, A.** (2020, October). *Panorama of Equity resources. Disruption in and by Centres for Teaching and Learning during the COVID-19 pandemic*. [Symposium Leading the future of Higher Ed – Planning for Sustainability].
- **Patino, A.** (2020, 24 August). *Cours de francisation en ligne. Outils et conseils pour les auxiliaires d'enseignement*. École de langues de l'Université Laval (Francisation). Québec, Canada.
- **Patino, A.** (2020, 23 April). *Jeux sérieux : les intégrer dans un cours!* Webinaire en visioconférence organisé par l'APOP à Québec Canada.
- **Patino, A.** (2018, 6 November). *Favorecer el aprendizaje a través del uso de juegos digitales*. Présentation en ligne invitée dans le II Congreso Internacional de tendencias en innovación Educativa CITIE 2018 de l'Universidad Nacional de San Agustín, à Arequipa, Perú.
- **Patino, A.** (2018, 27 novembre). *Vers un modèle d'intégration pédagogique des jeux numériques pour l'apprentissage*. Webinaire organisé par la Communauté pour l'innovation et la Recherche sur les Technologies dans l'enseignement/Apprentissage (CIRTA) à Québec, Canada.
- **Patino, A.** (2017, 4 octobre). *Les mécaniques d'apprentissage dans les jeux sérieux éducatifs*. Invited présentation at course TEN-7028 Jeux et apprentissage de Margarida Romero et Jean-Nicolas Proulx. Université Laval.
- **Patino, A.** (2016, octobre). *Mécaniques de jeux sérieux*. Invited presentation at course TEN-7028 Jeux et apprentissage de la professeure Margarida Romero. Université Laval.
- **Patino, A.** (2015, janvier). *Les concepteurs pédagogiques au Mexique : la conception de la profession dans le nord-est du pays*. Présentation invitée dans le cadre de la série 3 (International) des ateliers de formation de l'Association Canadienne des Concepteurs Pédagogiques (ACCP).

EXPERIENCE AS EXTERNAL EVALUATOR OF RESEARCH PROJECTS

| Student's name | Program | Role | Research project title | Date |
|--------------------------------|---|--|---|---------------|
| Alicia Fernanda Sacoto Macías | Master Degree. Universidad de Guadalajara, Mexico. | External evaluator of research in educational technology | Enseñanza de la Gramática del español en Lengua de Señas Mexicana usando Ambientes Virtuales de Aprendizaje: diseño metodológico para estudiantes sordos de nivel medio superior. | January 2017 |
| Mauricio Martínez Valdez | Bachelor's degree. Universidad Autónoma de Nuevo León, Mexico. | External evaluator | Perception des étudiants sur le style autoritaire d'enseignement dans la classe de FLE | October 2019 |
| Claudia Vera Salas | Master degree. Universidad Autónoma de Nuevo León, Mexico. | External evaluator | La corrección de la producción escrita de los aprendientes de francés nivel A2 | December 2021 |
| Ricardo Alejandro Salinas Moya | Master degree Universidad Autónoma de Nuevo León, Mexico | External evaluator | Localización de videojuegos: enseñanza lingüística y cultural mediante los videojuegos | May 2022 |

PARTICIPATION IN THE SCIENTIFIC COMMITTEE OF INTERNATIONAL CONFERENCES

| Conference | Role | Institution |
|---|--|---|
| II Congreso Internacional de tendencias en Innovación Educativa CITIE 2018 | Evaluator of conference papers | Universidad Nacional de San Agustín, Perú. |
| International Congress on Education and Technology in Sciences CISETC 2019 | Evaluator of conference papers | Universidad Católica de Santa María, Perú. |
| III Congreso Internacional de tendencias en Innovación Educativa CITIE 2020 | Evaluator of conference papers | Universidad Continental, Perú. |
| II International Congress on Education and Technology in Sciences CISETC 2021 | Evaluator of conference papers | Universidad Católica Santo Toribio de Mogrovejo (USAT), Perú. |
| Médiations et Médiatisations , ISSN 2562-0630 | Reviewer of articles as a member of the scientific committee | TELUQ, Québec, Canadá |

MEMBER OF THESIS DIRECTION COMMITTEE OF DOCTORAL STUDENTS

| Student's name | Study Program | Research project | Role | Institution |
|-----------------------|---------------------------------------|--|-------------------|------------------------------------|
| Tania Luna López | Doctorate in Philosophy and Education | Students' autonomy strategies during the process of learning English as a Foreign Language | Thesis co-advisor | Universidad Autónoma de Nuevo León |

ACADEMIC AFFILIATIONS / MEMBERSHIPS

- Fellow member of the UNESCO/ICDE Chair Open Educational Movement for Latin America
- Canadian Game Studies Association (CGSA)
- Serious Game Society (CGS)
- Communauté pour l'Innovation et la Recherche sur les Technologies dans l'enseignement/Apprentissage (CIRTA)

VOLUNTEERING

- Administrator of the #PhDchatting and #GroupeThèse groups. Organizer of webinars (YouTube) and online chats (Twitter) to promote scientific dissemination. 2021.
- Reviewer of scientific articles for the Médiations et médiatisations journal. 2021.
- Volunteer in the foreign student integration program at the Bureau de la Vie Étudiante (BVE) of the Université Laval. 2017-2018.
- Volunteer in the program (Journalistic) in charge of writing articles on speakers' presentations at the colloquium of the Association Québécoise des Utilisateurs d'Outils technologiques à des fins pédagogiques et Sociales (AQUOPS). 2017
- Volunteer in the organization of the CIRTA 2016 colloquium held from October 10 to 11 at the Université Laval in Quebec, Canada.