

DR. CORY MCKAY

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CURRENT POSITIONS

2006- **Professor of Music and Humanities**

Department of Liberal and Creative Arts, Marianopolis College, Westmount, Quebec, Canada

Developed and taught courses in a broad range of areas, including music technology, sound recording, audio production, live computer music, psychoacoustics, signal processing, symbolic music, musicology and video games. Organized graduating music recitals and supervised graduating Arts & Sciences independent projects. Hired and supervised research assistants at McGill University using cross-institutional grants. Developed and oversaw the college's recording studio, co-directed ArtsFest, coached the Reach for the Top team to many provincial championships and directed the Marianopolis Laptop Computer Orchestra. Served on numerous faculty committees, including elected positions. Major independent administrative projects included the development of a new institutional research policy for the college and a detailed formal review of the college's music program.

2013- **Regular Member**

Centre for Interdisciplinary Research in Music Media and Technology, Montreal, Quebec, Canada

Collaborated with other senior researchers on multimillion-dollar music technology research projects, including SIMSSA and MIRAI. Involved in project management and planning; successful grant applications; and hiring and supervising research assistants.

SELECTED PAST POSITIONS

2015-17 **Music Technology Research Consultant**

LANDR Audio / MixGenius, Montreal, Quebec, Canada

Advised on strategic technology planning related to applying machine learning to automatic audio mastering. Researched, proposed, designed and, in some cases, implemented improvements to the deployed system and associated processes.

2004-11 **Sessional Instructor**

Music Technology Area, McGill University, Montreal, Quebec, Canada

Taught courses dealing with topics such as advanced music computer programming, signal processing, sound synthesis, psychoacoustics, sound recording, audio production, symbolic music processing, image processing and video production.

2010 **Postdoctoral Researcher: Musical Metadata Mining**

Computer Science Department, University of Waikato, Hamilton, New Zealand

Designed and implemented software for automatically identifying musical audio recordings, mining on-line sources for associated metadata and extracting audio features from the recordings. Incorporated this software into the Greenstone digital library framework.

2008-10 **Research Assistant: Networked Environment for Music Analysis (NEMA)**

Music Technology Area, McGill University, Montreal, Quebec, Canada

Worked with a multi-institution research group on developing and implementing a general, open and extensible web services-based resource framework for music information retrieval research. Hired and supervised other research assistants.

2002-03 **Research Assistant: Performance Gesture Analysis**

Music Technology Area, McGill University, Montreal, Quebec, Canada

Analyzed motion tracking and video data relating to performance gestures of musicians.

SELECTED EDUCATION

- 2004-10 **Ph.D. – Music Technology (CGPA of 4.0 out of 4.0)**
McGill University, Montreal, Quebec, Canada
- 2002-04 **M.A. – Music Technology (CGPA of 3.9 out of 4.0)**
McGill University, Montreal, Quebec, Canada
- 1998-02 **B.A. – Honours Majors in Music and in Computer Science (87%, Distinction)**
University of Guelph, Guelph, Ontario, Canada
- 1995-98 **B.Sc. – Major in Physics (CGPA of 3.5 out of 4.0, Great Distinction)**
McGill University, Montreal, Quebec, Canada
- 1993-95 **Diploma of Collegial Studies – Pure and Applied Science (91%, Dean’s Honours)**
Dawson College, Montreal, Quebec, Canada

SELECTED RESEARCH GRANTS AND HONOURS

- 2020-27 FRQSC Regroupement stratégique (co-investigator) (\$1,932,000 total)
- 2021-25 FRQSC Soutien aux équipes de recherche (co-investigator) (\$318,001 total)
- 2019-24 SSHRC Insight Grant (collaborator) (\$339,772 total)
- 2020-23 ACLS Digital Extensions Grand (participating scholar) (USD \$150,000 total)
- 2021-22 SSHRC Partnership Grant (co-investigatory) (\$19,951 total)
- 2014-21 SSHRC Partnership Grant (co-investigator) (\$2,726,697 total)
- 2020-21 SSHRC Institutional Connection Grant (collaborator) (\$24,976 total)
- 2016-20 FRQSC Soutien aux équipes de recherche (co-investigator) (\$602,118 total)
- 2014-20 FRQSC Regroupement stratégique (co-investigator) (\$1,459,200 total)
- 2017 McGill University Seed Grant (co-investigator) (\$10,000 total)
- 2014-16 FRQSC Soutien aux équipes de recherche (co-investigator) (\$54,963 total)
- 2004-09 McGill Alma Mater, GREAT and CIRMMT grants (totalling \$8,500)
- 2004-07 SSHRC Canada Graduate Scholarship (\$35,000 per year, \$105,000 total)
- 2006 Outstanding Paper Award at the ISMIR 2006 conference (\$500 award)
- 2005 First place in all categories in the MIREX Symbolic Music Genre Classification contest
- 2003-04 FRQSC Bourse de maîtrise en recherche (\$15,000 per year, \$20,000 total)

LANGUAGES

English and French

RESEARCH INTERESTS

- **Computational Musicology:** applying machine learning and statistical analysis to Renaissance (and other) music; composer attribution; empirical style delineation by genre, region, etc.
- **Music Information Retrieval (MIR):** automatic music production; multimodal feature extraction (audio, symbolic, lyrics, metadata, images); automatic chord labelling; responsibly addressing intrinsic ambiguity in musical machine learning; general automatic music classification.
- **Digital Music Libraries:** open music research databases; music-related data models; automatic musical metadata annotation; standardized open music-related data formats.
- **Music Performance:** automatic accompaniment systems; analysis of expressive gestures.
- **Education:** AI-based music tutors; automatic error detection systems; music visualization.

SELECTED ACADEMIC SERVICE

- 2008- Marianopolis Laptop Orchestra (MLOrk) director
- 2012- Marianopolis Reach for the Top head coach (and Quebec League Coordinator 2016-)
- 2020-22 Advisory Panel (*Beethoven in the House: Digital Studies of Domestic Music Arrangements*)
- 2018-21 MCTU Auditing Committee
- 2018-20 ISMIR 2020 conference Publication Co-Chair and Local Organizing Committee
- 2017-20 Marianopolis ArtsFest Performance Award Jury
- 2019-20 Marianopolis Broadcast Network faculty advisor
- 2019 Marianopolis College Institutional Research Policy implementation coordinator
- 2013-18 Marianopolis Hiring and Selection Committees (*Music, Humanities, Math and Arts & Sciences*)
- 2012-17 Marianopolis Department of Liberal & Creative Arts Curriculum Committee (*elected*)
- 2008-17 Marianopolis ArtsFest Organizing Committee
- 2016-17 Marianopolis Humanities Student Workload Equity Working Group
- 2014, 17 LCA Departmental Chairperson Selection Committee (*elected as chair in 2014*)
- 2017 Faculty advisor to Marianopolis Records audio recording and production student group
- 2006-16 Journal of Interdisciplinary Music Studies Advisory Board (*Associate Editor 2006-07*)
- 2014-16 ArtsFest Co-Coordinator (*a major annual exhibition of student music, film, visual arts, poetry, etc.*)
- 2015 Marianopolis College and McGill University Music Program Development Coordinator
- 2014 Marianopolis Arts and Sciences Admission Selection Committee
- 2014 Marianopolis Music Grade Resolution Committee
- 2009-13 Marianopolis Arts Program Assessment, Development and Evaluation Committee (PADE)
- 2008-09 Marianopolis Admissions Task Force on Language Proficiency
- 2008 Marianopolis Technology in Teaching and Learning Committee
- 2002-07 McGill Music Technology Area Committee (*Graduate Student Representative*)
- 2007 Local organizing committee: Society of Music Perception & Cognition conference (SMPC)

SELECTED STUDENT RESEARCH SUPERVISION / EVALUATION

- 2018-21 Ph.D. co-supervisor (*Yaolong Ju, McGill University*)
- 2021 External Ph.D. examiner (*David Daniel Albarracín Molina, Universidad de Málaga*)
- 2017-20 SIMSSA DB project supervisor (*Gustavo Polins Pedro + Yalong Ju, McGill University*)
- 2015-20 jSymbolic project supervisor (*Rian Adamian + Tristano Tenaglia, McGill University*)
- 2014-15 Senior external Ph.D. examiner (*Tiago Videira, Universidade Nova de Lisboa / UT Austin*)
- 2008-10 NEMA project supervisor (*Jessica Thompson, McGill University*)

SELECTED REVIEW COMMITTEES

- 2005-21 International Society for Music Information Retrieval Conference (ISMIR)
- 2008-21 International Computer Music Conference (ICMC)
- 2020-21 Mathematics
- 2021 Digital Libraries for Musicology (DLfM)
- 2017-20 NSERC Discovery Grants
- 2019-20 Transactions of the International Society for Music Information Retrieval (TISMIR)
- 2015,18 External referee for University of Lethbridge Research Fund
- 2014-17 Computer Music Journal (CMJ)
- 2017 International Journal on Digital Libraries (IJDL)
- 2011-15 Journal of New Music Research (JNMR)
- 2007-14 IEEE Transactions on Audio, Speech and Language Processing
- 2010-11 Pattern Recognition Letters

ACADEMIC BOOK CHAPTERS

McKay, C., and I. Fujinaga. 2013. Expressing musical features, class labels, ontologies, and metadata using ACE XML 2.0. In *Structuring music through markup language: Designs and architectures*, ed. J. Steyn, 48–79. Hershey, PA: IGI Global.

ACADEMIC JOURNAL ARTICLES

Cuenca, M. E., and C. McKay. 2021. Exploring musical style in the anonymous and doubtfully attributed mass movements of the Coimbra manuscripts: A statistical and machine learning approach. *Journal of New Music Research* 50 (3): 199–219.

McKay, C., J. Cumming, and I. Fujinaga. 2021. Lessons learned in a large-scale project to digitize and computationally analyze musical scores. *Digital Scholarship in the Humanities* 36 (s2): ii198–ii202.

McKay, C., and I. Fujinaga. 2007. Style-independent computer-assisted exploratory analysis of large music collections. *Journal of Interdisciplinary Music Studies* 1 (1): 63–85.

Wanderley, M., B. Vines, N. Middleton, C. McKay, and W. Hatch. 2005. The musical significance of clarinetists' ancillary gestures: An exploration of the field. *Journal of New Music Research* 34 (1): 97–113.

SELECTED PEER-REVIEWED ACADEMIC CONFERENCE PUBLICATIONS

Cumming, J., and C. McKay. 2021. Using corpus studies to find the origins of the madrigal. Poster paper in the *Proceedings of the Future Directions of Music Cognition Conference*.

Ju, Y., S. Margot, C. McKay, and I. Fujinaga. 2020. Automatic chord labelling: A figured bass approach. *Proceedings of DLfM 2020: The 7th International Conference on Digital Libraries for Musicology*. 27–31.

Ju, Y., S. Margot, C. McKay, L. Dahn, and I. Fujinaga. 2020. Automatic figured bass annotation using the new Bach Chorales Figured Bass dataset. *Proceedings of the International Society for Music Information Retrieval Conference*. 640–6.

Ju, Y., S. Margot, C. McKay, and I. Fujinaga. 2020. Figured bass encodings for Bach chorales in various symbolic formats: A case study. *Music Encoding Conference Proceedings*. 71–4.

Ju, Y., S. Howes, C. McKay, N. Condit-Schultz, J. Calvo-Zaragoza, and I. Fujinaga. 2019. An interactive workflow for generating chord labels for homorhythmic music in symbolic formats. *Proceedings of the International Society for Music Information Retrieval Conference*. 862–9.

Cumming, J., C. McKay, J. Stuchbery, and I. Fujinaga. 2018. Methodologies for creating symbolic corpora of Western music before 1600. *Proceedings of the International Society for Music Information Retrieval Conference*. 491–8.

McKay, C., J. Cumming, and I. Fujinaga. 2018. jSymbolic 2.2: Extracting features from symbolic music for use in musicological and MIR research. *Proceedings of the International Society for Music Information Retrieval Conference*. 348–54.

Barbosa, J., C. McKay, and I. Fujinaga. 2015. Evaluating automated classification techniques for folk music genres from the Brazilian Northeast. *Proceedings of the 15th Brazilian Symposium on Computer Music*. 3–12.

McKay, C. 2013. jProductionCritic: An educational tool for detecting technical errors in audio mixes. *Proceedings of the International Society for Music Information Retrieval Conference*. 71–6.

McKay, C., and D. Bainbridge. 2011. A musical web mining and audio feature extraction extension to the Greenstone digital library software. *Proceedings of the International Society for Music Information Retrieval Conference*. 459–464.

**SELECTED PEER-REVIEWED ACADEMIC CONFERENCE PUBLICATIONS
(continued)**

- Angeles, B., C. McKay, and I. Fujinaga. 2010. Discovering metadata inconsistencies. *Proceedings of the International Society for Music Information Retrieval Conference*. 195–200.
- McKay, C., J. A. Burgoyne, J. Hockman, J. B. L. Smith, G. Vigiensoni, and I. Fujinaga. 2010. Evaluating the genre classification performance of lyrical features relative to audio, symbolic and cultural features. *Proceedings of the International Society for Music Information Retrieval Conference*. 213–8.
- McKay, C., and I. Fujinaga. 2010. Improving automatic music classification performance by extracting features from different types of data. *Proceedings of the ACM SIGMM International Conference on Multimedia Information Retrieval*. 257–66.
- Vigiensoni, G., C. McKay, and I. Fujinaga. 2010. Using jWebMiner 2.0 to improve music classification performance by combining different types of features mined from the web. *Proceedings of the International Society for Music Information Retrieval Conference*. 607–12.
- McKay, C., and I. Fujinaga. 2009. jMIR: Tools for automatic music classification. *Proceedings of the International Computer Music Conference*. 65–8.
- McKay, C., J. A. Burgoyne, J. Thompson, and I. Fujinaga. 2009. Using ACE XML 2.0 to store and share feature, instance and class data for musical classification. *Proceedings of the International Society for Music Information Retrieval Conference*. 303–8.
- Thompson, J., C. McKay, J. A. Burgoyne, and I. Fujinaga. 2009. Additions and improvements to the ACE 2.0 music classifier. *Proceedings of the International Society for Music Information Retrieval Conference*. 435–40.
- McKay, C., and I. Fujinaga. 2008. Combining features extracted from audio, symbolic and cultural sources. *Proceedings of the International Conference on Music Information Retrieval*. 597–602.
- McKay, C., and I. Fujinaga. 2007. jWebMiner: A web-based feature extractor. *Proceedings of the International Conference on Music Information Retrieval*. 113–4.
- McEnnis, D., C. McKay, and I. Fujinaga. 2006. jAudio: Additions and improvements. *Proceedings of the International Conference on Music Information Retrieval*. 385–6.
- McEnnis, D., C. McKay, and I. Fujinaga. 2006. Overview of OMEN. *Proceedings of the International Conference on Music Information Retrieval*. 7–12.
- McKay, C., D. McEnnis, and I. Fujinaga. 2006. A large publicly accessible prototype audio database for music research. *Proceedings of the International Conference on Music Information Retrieval*. 160–3.
- McKay, C., and I. Fujinaga. 2006. jSymbolic: A feature extractor for MIDI files. *Proceedings of the International Computer Music Conference*. 302–5.
- McKay, C., and I. Fujinaga. 2006. Musical genre classification: Is it worth pursuing and how can it be improved?. *Proceedings of the International Conference on Music Information Retrieval*. 101–6.
- Fiebrink, R., C. McKay, and I. Fujinaga. 2005. Combining D2K and JGAP for efficient feature weighting for classification tasks in music information retrieval. *Proceedings of the International Conference on Music Information Retrieval*. 510–3
- McEnnis, D., C. McKay, I. Fujinaga, and P. Depalle. 2005. jAudio: A feature extraction library. *Proceedings of the International Conference on Music Information Retrieval*. 600–3.
- McKay, C., R. Fiebrink, D. McEnnis, B. Li, and I. Fujinaga. 2005. ACE: A framework for optimizing music classification. *Proceedings of the International Conference on Music Information Retrieval*. 42–9.
- McKay, C., D. McEnnis, R. Fiebrink, and I. Fujinaga. 2005. ACE: A general-purpose classification ensemble optimization framework. *Proceedings of the International Computer Music Conference*. 161–4.
- McKay, C., and I. Fujinaga. 2005. Automatic music classification and the importance of instrument identification. *Proceedings of the Conference on Interdisciplinary Musicology*. CD-ROM.
- Sinyor, E., C. McKay, R. Fiebrink, D. McEnnis, and I. Fujinaga. 2005. Beatbox classification using ACE. *Proceedings of the International Conference on Music Information Retrieval*. 672–5.

**SELECTED PEER-REVIEWED ACADEMIC CONFERENCE PUBLICATIONS
(continued)**

- McKay, C., and I. Fujinaga. 2004. Automatic genre classification as a study of the viability of high-level features for music classification. *Proceedings of the International Computer Music Conference*. 367–70.
- McKay, C., and I. Fujinaga. 2004. Automatic genre classification using large high-level musical feature sets. *Proceedings of the International Conference on Music Information Retrieval*. 525–30.

**SELECTED PEER-REVIEWED ACADEMIC CONFERENCE PRESENTATIONS
(NO PROCEEDINGS)**

- Cuence, M. E., and C. McKay. 2021. Influencias musicales en las misas y motetes de Cristóbal de Morales y Francisco Guerrero: Una aproximación estadística. Presented at the *Congreso de la Sociedad Española de Musicología*.
- McKay, C., and M. E. Cuenca. 2021. Musical influences on the masses and motets of Cristóbal de Morales and Francisco Guerrero: A statistical approach. Presented at the *Medieval and Renaissance Music Conference*.
- Rodriguez-García, E., and C. McKay. 2021. *Ave festiva ferculis*: Exploring attribution by combining manual and computational analysis. Presented at the *Medieval and Renaissance Music Conference*.
- McKay, C., R. Adamian, J. Cumming, and I. Fujinaga. 2020. Exploring Renaissance music using n-gram aggregates to summarize local musical content. Presented at the *Medieval and Renaissance Music Conference*.
- Cuenca, M. E., and C. McKay. 2019. Análisis estadístico de misas ibéricas renacentistas a través del software jSymbolic. Presented at the *El análisis musical actual: Marco teórico e interdisciplinarietà* conference.
- Cuenca, M. E., and C. McKay. 2019. Exploring musical style in the anonymous and doubtfully attributed mass movements of the Coimbra manuscripts: A statistical approach. Presented at the *Medieval and Renaissance Music Conference*.
- Hopkins, E., Y. Ju, G. Polins Pedro, C. McKay, J. Cumming, and I. Fujinaga. 2019. SIMSSA DB: Symbolic music discovery and search. Poster presentation at the *International Conference on Digital Libraries for Musicology*.
- Ju, Y., G. Polins Pedro, C. McKay, E. Hopkins, J. Cumming, and I. Fujinaga. 2019. Enabling music search and analysis: A database for symbolic music files. Presented at the *Music Encoding Conference*.
- McKay, C., E. Hopkins, G. Polins Pedro, Y. Ju, A. Kam, J. Cumming, and I. Fujinaga. 2019. A collaborative symbolic music database for computational research on music. Presented at the *Medieval and Renaissance Music Conference*.
- McKay, C., J. Cumming, and I. Fujinaga. 2019. Lessons learned in a large-scale project to digitize and computationally analyze musical scores. Presented at the *Digital Humanities Conference*.
- Cumming, J., and C. McKay. 2018. Revisiting the origins of the Italian madrigal using machine learning. Presented at the *Medieval and Renaissance Music Conference*.
- Fujinaga, I., J. Cumming, A. Hankinson, R. Krämer, C. McKay, P. Schubert, and J. Wild. 2017. Large-corpus music research. Presented at the *Congress of the International Musicology Society*.
- McKay, C., A. Hankinson, J. Cumming, and I. Fujinaga. 2017. A database model for computational music research. Poster presented at the *International Workshop on Digital Libraries for Musicology*.
- McKay, C., J. Cumming, and I. Fujinaga. 2017. Characterizing composers using jSymbolic2 features. *Extended Abstracts for the Late-Breaking Demo Session of the 18th International Society for Music Information Retrieval Conference*.

**SELECTED PEER-REVIEWED ACADEMIC CONFERENCE PRESENTATIONS
(NO PROCEEDINGS) (continued)**

- McKay, C., T. Tenaglia, J. Cumming, and I. Fujinaga. 2017. Using statistical feature extraction to distinguish the styles of different composers. Presented at the *Medieval and Renaissance Music Conference*.
- McKay, C., T. Tenaglia, and I. Fujinaga. 2016. jSymbolic2: Extracting features from symbolic music representations. *Extended Abstracts for the Late-Breaking Demo Session of the 17th International Society for Music Information Retrieval Conference*.
- McKay, C., and I. Fujinaga. 2015. Building an infrastructure for a 21st-century global music library. *Extended Abstracts for the Late-Breaking Demo Session of the 16th International Society for Music Information Retrieval Conference*.
- Fujinaga, I., and C. McKay. 2008. ACE: Autonomous Classification Engine. Presented at the *International Conference on Music Perception and Cognition*.
- Fujinaga, I., J. A. Burgoyne, C. Lai, B. Li, C. McKay, and L. Pugin. 2007. Distributed Digital Music Archives and Libraries (DDMAL). Presented at the *Joint Conference of the Canadian Association of Music Libraries and the Association of Quebec Music Libraries*.
- McKay, C., and I. Fujinaga. 2006. Style-independent computer-assisted exploratory analysis of large music collections. Presented at the *Joint Meeting of the American Musicological Society and the Society for Music Theory*.
- McKay, C. 2005. Approaches to overcoming problems in interactive musical performance systems. Presented at the *McGill Graduate Students Society Symposium*.
- McKay, C., and I. Fujinaga. 2005. The Bodhidharma system and the results of the MIREX 2005 symbolic genre classification contest. Poster presented at the *International Conference on Music Information Retrieval MIREX Session*.

SELECTED INTERNATIONAL INVITED PRESENTATIONS AND PUBLICATIONS

- McKay, C. 2021. Exploring composer attribution in motet cycles using machine learning. *Gaffurius Codices Online*, Schola Cantorum Basiliensis.
- McKay, C. 2021. What can MIR teach us about music? What can music teach us in MIR?. Presented at the *Women in Music Information Retrieval (WiMIR) Workshop*.
- McKay, C. 2020. Digital musicology via jSymbolic and machine learning. *Invited Speaker*. Brandeis University, Waltham, USA. 3 March 2020.
- McKay, C. 2019. SIMSSA DB: A collaborative musicological research database. Presented at the *Digital Humanities Conference Digital Musicology Study Group*.
- McKay, C., and M. E. Cuenca. 2019. CRIM, machine learning and big data: A case study on the Coimbra manuscripts. Presented at the *Counterpoints: Renaissance Music and Scholarly Debate in the Digital Domain* conference.
- Cumming, J., and C. McKay. 2018. Contrapuntal style: Josquin Desprez vs. Pierre de la Rue. Presented at the *Conference on Pierre de la Rue and Music at the Habsburg-Burgundian Court*.
- McKay, C. 2018. jSymbolic: A software application for music information retrieval and analysis. *Invited Speaker*. CESEM, Nova University of Lisbon, Lisbon, Portugal. 8 March 2018.
- McKay, C. 2018. Performing statistical musicological research using jSymbolic and machine learning. Presented at *The Anatomy of Polyphonic Music around 1500 International Conference*.
- McKay, C. 2018. SIMSSA DB: A database for computational musicological research. Presented at the *Congress of the International Association of Music Libraries, Archives and Documentation Centres SIMSSA Workshop*.
- McKay, C. 2012. Classifying music with jMIR. *Invited Speaker*. Department of Languages and Science of Computation, University of Malaga, Malaga, Spain. 10 January 2012.

**SELECTED INTERNATIONAL INVITED PRESENTATIONS AND PUBLICATIONS
(continued)**

- McKay, C., J. A. Burgoyne, and I. Fujinaga. 2009. jMIR and ACE XML: Tools for performing and sharing research in automatic music classification. Presented at the *ACM/IEEE Joint Conference on Digital Libraries Workshop on Integrating Digital Library Content with Computational Tools and Services*, University of Texas, Austin, USA. 19 June 2009.
- McKay, C., J. Frank, and J. Turel. 2007. Audiofile: No box, no limit. Presented at *Pop & Policy 2007: Music Fast Forward*.

SELECTED LOCAL INVITED ACADEMIC PRESENTATIONS

- Cumming, J., C. McKay, N. Nápoles López, and S. Margot. 2019. Contrapuntal style: Pierre de la Rue vs. Josquin Des Prez. Presented at the *CIRMMT Workshop on SIMSSA (Single Interface for Music Score Searching and Analysis)*, McGill University, Montreal, Canada. 21 Saturday 2019.
- Hopkins, E., G. Polins Pedro, Y. Ju, C. McKay, J. Cumming, and I. Fujinaga. 2019. SIMSSA DB: A brief overview of the data model. Presented at the *DACT (Digital Analysis of Chant Transmission) Workshop*, McGill University, Montreal, Canada. 21 Saturday 2019.
- McKay, C., and R. Adamian. 2019. jSymbolic in 2019: Updates and improvements. Presented at the *CIRMMT Workshop on SIMSSA (Single Interface for Music Score Searching and Analysis)*, McGill University, Montreal, Canada. 21 Saturday 2019.

THESES

- McKay, C. 2010. Automatic music classification with jMIR. *Ph.D. Dissertation*. McGill University, Canada.
- McKay, C. 2004. Automatic genre classification of MIDI recordings. *M.A. Thesis*. McGill University, Canada.
- McKay, C. 2002. SpeciesChecker: A system for automatically proofreading species counterpoint. *Undergraduate Thesis*. University of Guelph, Canada.
- McKay, C., and T. M. Luong. 1998. Localization of mobile robots using magnetic fields. *Undergraduate Thesis*. McGill University, Canada.

PERSONAL INTERESTS

Cycling, ice skating, jazz guitar, blues guitar, computer music, cooking, tea/wine/whiskey tasting, photography, poetry, astrophysics, artificial intelligence, travel.

References available upon request.