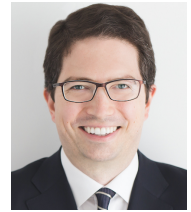


# BRYAN RENNE

bryan@renne.org · //bryan.renne.org/



## RESEARCH

- *Medicine*: Topics in Neurosurgery
- *Logic*: Dynamic Epistemic Logic, Justification Logic, Modal Logic, Evidence-based Belief Revision, Multi-agent Systems, Formal Epistemology

## EDUCATION

---

University of British Columbia (UBC) — Vancouver, Canada Aug. 2015 – May 2019  
Doctor of Medicine (M.D.)

---

CUNY Graduate Center — New York City, USA Aug. 2002 – May 2008  
Ph.D., Computer Science · May 2008  
M.Phil., Computer Science · May 2007

---

Cornell University — Ithaca, USA Aug. 1998 – May 2002  
B.Sc., Computer Science · May 2002

## EXPERIENCE

---

University of Saskatchewan, Dept. of Academic Family Medicine — Saskatoon, Canada Jan. 2022—  
Resident Doctor, Family Medicine

---

University of Saskatchewan, Division of Neurosurgery — Saskatoon, Canada July 2019 – Dec. 2021 | 2.5 yrs  
Resident Doctor, Neurosurgery (transferred to Family Medicine Jan. 2022)

---

BC Children's Hospital, Division of Neurosurgery — Vancouver, Canada June 2016 – Aug. 2016 | 3 mos  
Summer Student Researcher  
Supervisor: Paul Steinbok (Division of Neurosurgery, BC Children's Hospital)

---

University of British Columbia, Dept. of Family Practice — Vancouver, Canada Oct. 2013 – May 2014 | 8 mos  
Volunteer Researcher, Personalized Medicine Initiative  
Supervisor: Martin Dawes (Head, UBC Dept. of Family Practice)

---

University of Amsterdam, ILLC — Amsterdam, Netherlands Jan. 2012 – Dec. 2014 | 3 yrs  
Postdoctoral Researcher  
Institute for Logic, Language and Computation (ILLC)

---

University of British Columbia, Dept. of Philosophy — Vancouver, Canada Feb. 2011 – Sep. 2014 | 3.6 yrs  
Visiting/Honorary Postdoctoral Fellow

---

University of Groningen, Faculty of Philosophy — Groningen, Netherlands Feb. 2009 – Jan. 2011 | 3 yrs  
Postdoctoral Researcher

---

**CUNY Graduate Center, Ph.D. Program in Computer Science** — New York City, USA      Aug. 2003 – Dec. 2007 | 4.3 yrs  
Grader

- Theoretical Computer Science: Fall 2007, Fall 2006, Fall 2005, Fall 2004, Fall 2003.
- Analysis of Algorithms: Fall 2007, Fall 2006, Fall 2005, Fall 2004, Fall 2003.
- Logical Foundations of AI: Spring 2004.

---

**Hunter College (CUNY), Dept. of Computer Science** — New York City, USA      Aug. 2003 – May 2005 | 1.7 yrs  
Visiting Lecturer

- CSCI 120, Introduction to Computers: Spring 2005.
- CSCI 235, Software Design and Analysis 2: Fall 2004, Spring 2004, Fall 2003.

---

**Cornell University, Dept. of Mathematics** — Ithaca, USA      Jan. 2002 – May. 2002 | 5 mos  
Grader

- Calculus 111: Spring 2002.

---

## AWARDS AND GRANTS

---

**Univ. of Saskatchewan Dept. of Surgery 1st Place Podium Presentation Award (CA\$1000)**      November 2021  
Presented “Traumatic Spinal Cord Injuries among Indigenous and non-Indigenous Peoples of Canada” (see Talks Given)  
Resident Research Day, University of Saskatchewan, College of Medicine, Department of Surgery  
Saskatoon, Canada

---

**University of Saskatchewan Department of Surgery Travel Award (CA\$410)**      September 2021  
For fees re poster accepted at the 2021 International Spinal Cord Society (ISCoS) Annual Meeting (see Publications)  
University of Saskatchewan, College of Medicine, Department of Surgery  
Saskatoon, Canada

---

**UBC Summer Student Research Program (SSRP) Grant (CA\$3,200 over 8 weeks)**      Summer 2016  
For summer research at BC Children’s Hospital, Division of Neurosurgery  
University of British Columbia, Faculty of Medicine  
Vancouver, Canada

---

**Netherlands “Veni” Grant (€250,000 over 3 years)**      2012 – 2014  
For 3-year postdoctoral position at ILLC Amsterdam  
Netherlands Organisation for Scientific Research (NWO)  
Den Haag, Netherlands

---

**CUNY Sponsored Dissertation Fellowship (US\$18,000 over 1 year)**      2007 – 2008  
For 1-year of dissertation writing  
CUNY Graduate Center  
New York City, USA

---

**CUNY Doctoral Student Research Grant (US\$1,500)**      2006 – 2007  
For travel/research  
CUNY Graduate Center  
New York City, USA

---

## PUBLICATIONS (IN MEDICINE)

4. **Traumatic Spinal Cord Injuries among Aboriginal and Non-Aboriginal Populations of Canada** poster, 2021  
Bryan Renne, Syed Uzair Ahmed, Suzanne Humphreys, Dilnur Kurban, Carly S. Rivers, Christiana Cheng, Di Wang, Vanessa Noonan, Melanie Jeffrey, Xia (Lucy) Liu, Daryl R. Fournay  
International Spinal Cord Society (ISCoS) Annual Meeting, September 29 – October 2, 2021.
3. **Cerebellar mutism after posterior fossa tumor resection in children: a multicenter international retrospective study to determine possible modifiable factors** journal article, 2020  
Bryan Renne, Julia Radic, Deepak Agrawal, Brittany Albrecht, Christopher M. Bonfield, Gesa Cohrs, Taylor Davis, Ashok Gupta, Andrea L. O. Hebb, Maria Lamberti-Pasculli, Friederike Knerlich-Lukoschus, Spencer Lindsay, P. Daniel McNeely, Shibu Pillai, Hitesh Inder Singh Rai, Katherine D. Sborov, Aleksander Vitali, Simon Walling, Peter Woerdeman, Wihasto Suryaningtyas, Douglas Cochrane, Ash Singhal, Paul Steinbok  
Child's Nervous System, 36(6):1159–1169, 2020. doi: 10.1007/s00381-019-04058-7
2. **Bobble-head doll syndrome: report of 2 cases and a review of the literature, with video documentation of the clinical phenomenon** journal article, 2018  
Bryan Renne, Stefan Rueckriegel, Sudheesh Ramachandran, Julia Radic, Paul Steinbok, Ash Singhal  
Journal of Neurosurgery: Pediatrics 5:1–11, Jan 2018. doi: 10.3171/2017.9.PEDS16704
1. **Cerebellar Mutism after Posterior Fossa Tumor Resection in Children: A Multi-center International Retrospective Study to Determine Possible Modifiable Factors. In Proceedings of 45th Annual Meeting of International Society for Pediatric Neurosurgery, Denver, USA, 8-12 October, 2017** abstract, 2017  
Bryan Renne, Julia Radic, Deepak Agrawal, Brittany Albrecht, Christopher Bonfield, Gesa Cohrs, Taylor Davis, Ashok Gupta, Andrea L.O. Hebb, Friederike Knerlich-Lukoschus, Spencer Lindsay, Dan McNeely, Shibu Pillai, Hitesh Inder Singh Rai, Katherine D. Sborov, Aleksander Vitali, Simon Walling, Douglas Cochrane, Ash Singhal, Paul Steinbok  
Child's Nervous System 33:1805, 2017. doi: 10.1007/s00381-017-3557-0

## TALKS GIVEN (IN MEDICINE)

14. **"Traumatic Spinal Cord Injuries among Indigenous and non-Indigenous Peoples of Canada"** 23 Nov. 2021  
University of Saskatchewan Department of Surgery Resident Research Day  
Saskatoon, Canada (virtual)  
★ 1st Place Podium Presentation Award ★
13. **"CSF Disorders"** 17 Sep. 2021  
Universities of Manitoba and Saskatchewan, Neurosurgery Joint Curriculum Talks, General Block  
Winnipeg, Canada and Saskatoon, Canada (video conference)
12. **"Surgical Foundations Neurosurgery Review"** 3 Aug. 2021  
University of Saskatchewan Department of Surgery, Surgical Foundations  
(review talk given to PGY2 residents taking the Royal College Surgical Foundations exam that year)  
Winnipeg, Canada (virtual)

- |       |  |              |
|-------|--|--------------|
| 11.   | <b>“Technology in Residency”</b><br>University of Saskatchewan, Postgraduate Medical Education (PGME)<br>New Resident Orientation “Boot Camp,” Resident Panel<br>(part of 3-talk panel presentation to all new USask residents; I was also the panel’s overall coordinator)<br>Saskatoon, Canada (virtual) | 25 June 2020 |
| <hr/> |  |              |
| 10.   | <b>“Traumatic Spinal Cord Injuries among Aboriginal and non-Aboriginal Peoples of Canada”</b><br>University of Manitoba 13th Dwight Parkinson Research Day<br>Winnipeg, Canada (virtual)   | 2 June 2020  |
| <hr/> |  |              |
| 9.    | <b>“Peritumoral Edema and Meningioma”</b><br>University of Saskatchewan Neuroscience Grand Rounds<br>Saskatoon, Canada (virtual)   | 5 Mar. 2021  |
| <hr/> |  |              |
| 8.    | <b>“Meningioma”</b><br>Universities of Manitoba and Saskatchewan, Neurosurgery Joint Curriculum Talks, Oncology Block<br>Winnipeg, Canada and Saskatoon, Canada (video conference)   | 19 Feb. 2021 |
| <hr/> |  |              |
| 7.    | <b>“Carotid Revascularization: History, Trials, Updates”</b><br>Universities of Manitoba and Saskatchewan, Neurosurgery Joint Curriculum Talks, Vascular Block<br>Winnipeg, Canada and Saskatoon, Canada (video conference)  | 4 Dec. 2020  |
| <hr/> |  |              |
| 6.    | <b>“Cervical Spine Trauma — C2”</b><br>University of Saskatchewan Divisions of Neurosurgery and Orthopedic Surgery, Spine Rounds<br>Saskatoon, Canada  | 5 Nov. 2020  |
| <hr/> |  |              |
| 5.    | <b>“Mutism after Posterior Fossa Surgery”</b><br>University of Saskatchewan Department of Surgery Resident Research Day<br>Saskatoon, Canada   | 8 Oct. 2020  |
| <hr/> |  |              |
| 4.    | <b>“Fluids &amp; Acid Base”</b><br>University of Saskatchewan Department of Surgery, Surgical Foundations<br>(topic talk for co-residents taking the Royal College Surgical Foundations exam that year)<br>Saskatoon, Canada   | 5 May 2020   |
| <hr/> |  |              |
| 3.    | <b>“Nonaneurysmal Subarachnoid Hemorrhage”</b><br>University of Saskatchewan Neuroscience Grand Rounds<br>Saskatoon, Canada  | 20 Dec. 2019 |
| <hr/> |  |              |
| 2.    | <b>“Cerebellar Mutism Syndrome”</b><br>Kris Kumar Lecture, Resident Presentation<br>Regina, Canada   | 19 Oct. 2019 |

- 
1. "Cerebellar Mutism after Posterior Fossa Tumor Resection in Children: A Multi-center International Retrospective Study to Determine Possible Modifiable Factors" 11 Oct. 2017  
45th Annual Meeting of International Society for Pediatric Neurosurgery (ISPN)  
Denver, USA

## ACADEMIC SERVICE (IN MEDICINE)

3. Residency Program Committee (RPC), Elected Member July 2019 – June 2021 | 2 yrs  
Division of Neurosurgery, University of Saskatchewan
2. University of Saskatchewan MD Program Multiple Mini Interview (MMI) Assessor 14 March 2021  
College of Medicine, University of Saskatchewan
1. New Resident Orientation "Boot Camp," Resident Panel, Coordinator June 25, 2020  
Postgraduate Medical Education, University of Saskatchewan  
*coordinated 3-talk resident-to-resident orientation for all new USask residents; gave 1 talk*

## INVITED TALKS GIVEN (IN LOGIC)

- 
18. "Nonmonotonic Reasons and Revisable Justified Belief" 3 Oct. 2014  
Workshop on The Logical Dynamics of Information, Agency and Interaction  
University of Amsterdam, Institute for Logic, Language and Computation (ILLC)  
Amsterdam, Netherlands
- 
17. "What is the role of epistemic logic in economic theory and game theory?" 24 Aug. 2014  
(Short speech followed by leadership of an informal group discussion)  
14th Society for the Advancement of Economic Theory (SAET) Conference on Current Trends in Economics,  
Satellite Workshop C Foundational Issues in Economics and Game Theory  
Waseda University  
Tokyo, Japan
- 
16. "Dynamic Justification Logic for Formal Epistemology" 21 Aug. 2014  
14th Society for the Advancement of Economic Theory (SAET) Conference on Current Trends in Economics,  
Session on Logical Perspectives on Social Interaction and Epistemic Justification  
Waseda University  
Tokyo, Japan
- 
15. "The Logic of Justified Belief, Explicit Knowledge, and Conclusive Evidence" 13 Jan. 2014  
NASA Langley Research Center, Safety-Critical Avionics Systems Branch  
Hampton, Virginia, USA
- 
14. "The Logic of Justified Belief, Explicit Knowledge, and Conclusive Evidence" 16 May 2013  
Institut d'Histoire et de Philosophie des Sciences et des Techniques (IHIT)  
Université Paris 1 Panthéon-Sorbonne  
Paris, France

- 
13. **"The Dynamic Logic of Justified Knowledge and Belief"** 23 May 2012  
 The Constructive in Logic and Applications: A Conference in Honor of the 60th Birthday of Sergei Artemov  
 CUNY Graduate Center  
 New York City, USA

---

  12. **"Arrow Update Logic"** 17 Sep. 2010  
 ICE-TCS Lectures Series  
 Icelandic Centre of Excellence in Theoretical Computer Science (ICE-TCS), Reykjavík University  
 Reykjavík, Iceland

---

  11. **"Multi-Agent Justification Logic: Communication and Evidence Elimination"** 15 Sep. 2010  
 ICE-TCS Workshop on Logic and Concurrency  
 Icelandic Centre of Excellence in Theoretical Computer Science (ICE-TCS), Reykjavík University  
 Reykjavík, Iceland

---

  10. **"Multi-Agent Justification Logic: Communication and Evidence Elimination"** 28 Aug. 2010  
 Information Processing, Rational Beliefs and Social Interaction (10w2133)  
 Banff International Research Station (BIRS) for Mathematical Innovation and Discovery, Banff Centre  
 Banff, Alberta, Canada

---

  9. **"How to Tell Time in Epistemic Logic"** 10 Aug. 2010  
 Work-in-Progress Workshop of Professor Margaret Anne Cameron  
 University of Victoria, Department of Philosophy  
 Victoria, British Columbia, Canada

---

  8. **"Evidence Elimination in Justification Logic"** 20 May 2010  
 Justification Logics Seminar  
 Research Group for Theoretical Computer Science and Logic, Institute of Computer Science and Applied Mathematics, Faculty of Science, University of Bern  
 Bern, Switzerland

---

  7. **"Evidence Elimination in Multi-Agent Justification Logic"** 17 Feb. 2010  
 Logic and Interactive Rationality (LIRa) seminar  
 University of Amsterdam, Institute for Logic, Language and Computation (ILLC)  
 Amsterdam, Netherlands

---

  6. **"Dynamic Epistemic Logic"** 27 July 2009  
 Summer 2009 seminar of Professor Ray Jennings  
 Simon Fraser University, Department of Philosophy  
 Barnaby, British Columbia, Canada

---

  5. **"Strategies Made Explicit in Dynamic Game Logic": A Paper by Sujata Ghosh** 15 June 2009  
 The P. van Emde Boas Swap Session of The Third Workshop in Decisions, Games, and Logic (DGL)  
 Université de Lausanne, Faculté des Hautes Etudes Commerciales (HEC Lausanne)  
 Lausanne, Switzerland

- |       |   |              |
|-------|---|--------------|
| 4.    | <b>“Simple Evidence Derogation in Justification Logic”</b><br>Groningen Logic Colloquium (Grolog)<br>University of Groningen, Faculty of Philosophy<br>Groningen, Netherlands | 19 Feb. 2009 |
| <hr/> |   |              |
| 3.    | <b>“Reasoning About Evidence in Hypothetical Situations”</b><br>Epistemology Meets Logic, Informally<br>Stanford University<br>Stanford, California, USA                      | 31 May 2008  |
| <hr/> |   |              |
| 2.    | <b>“Epistemic Updates in Justification Logics”</b><br>Dynamic Logic Montréal<br>Université du Québec à Montréal<br>Montréal, Québec, Canada                                   | 20 June 2007 |
| <hr/> |   |              |
| 1.    | <b>“Propositional Games with Explicit Strategies”</b><br>13th Workshop on Games, Logic, Language, and Computation (GLLC)<br>University of Amsterdam<br>Amsterdam, Netherlands | 3 Oct. 2006  |

## OTHER TALKS GIVEN (IN LOGIC)

- |       |   |              |
|-------|---|--------------|
| 18.   | <b>“Belief as Willingness to Bet”</b><br>Logic and Interactive Rationality (LIRa) Seminar<br>University of Amsterdam, Institute for Logic, Language and Computation (ILLC)<br>Amsterdam, Netherlands                          | 11 Sep. 2014 |
| <hr/> |   |              |
| 17.   | <b>“Dynamic Justification Logic for Formal Epistemology”</b><br>Logic and Interactive Rationality (LIRa) Seminar<br>University of Amsterdam, Institute for Logic, Language and Computation (ILLC)<br>Amsterdam, Netherlands   | 15 May 2014  |
| <hr/> |   |              |
| 16.   | <b>“The Logic of Justified Belief, Explicit Knowledge, and Conclusive Evidence”</b><br>Logic Tea (student seminar)<br>University of Amsterdam, Institute for Logic, Language and Computation (ILLC)<br>Amsterdam, Netherlands | 25 June 2013 |
| <hr/> |   |              |
| 15.   | <b>“The Logic of Belief Change, Soft Evidence and Defeasible Knowledge”</b><br>19th Workshop on Logic, Language, Information and Computation (WoLLIC)<br>University of Buenos Aires<br>Buenos Aires, Argentina                | 4 Sep. 2012  |

- |       |   |              |
|-------|---|--------------|
| 14.   | <b>“Evidence Elimination in Multi-Agent Justification Logic”</b><br>12th Conference on Theoretical Aspects of Rationality and Knowledge (TARK)<br>Stanford University<br>Stanford, California, USA  | 7 July 2009  |
| <hr/> |   |              |
| 13.   | <b>“Expressivity Questions in Dynamic Epistemic Logic II”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center<br>New York City, USA   | 4 Sep. 2007  |
| <hr/> |   |              |
| 12.   | <b>“Expressivity Questions in Dynamic Epistemic Logic I”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center<br>New York City, USA  | 28 Aug. 2007 |
| <hr/> |   |              |
| 11.   | <b>“The Relative Expressivity of Public and Private Communication in BMS Logic”</b><br>Workshop on Logic, Rationality, and Interaction (LORI)<br>Beijing Normal University<br>Beijing, China  | 9 Aug. 2007  |
| <hr/> |   |              |
| 10.   | <b>“Bisimulation and Public Announcements in Logics of Explicit Knowledge”</b><br>Workshop on Rationality and Knowledge<br>18th European Summer School in Logic, Language, and Information (ESSLLI)<br>Universidad de Málaga<br>Málaga, Spain | 8 Aug. 2006  |
| <hr/> |   |              |
| 9.    | <b>“Semantic Cut-Elimination for Two Explicit Modal Logics”</b><br>11th Student Session of the European Summer School in Logic, Language, and Information (ESSLLI)<br>Universidad de Málaga<br>Málaga, Spain                                  | 31 July 2006 |
| <hr/> |   |              |
| 8.    | <b>“Propositional Games with Explicit Strategies”</b><br>13th Workshop on Logic, Language, Information and Computation (WoLLIC)<br>Stanford University<br>Stanford, California  | 19 July 2006 |
| <hr/> |   |              |
| 7.    | <b>“Propositional Games and Explicit Strategies”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA   | 2 May 2006   |



- 
- |    |   |              |
|----|---|--------------|
| 6. | <b>“Bisimulation and Public Announcements in Logics of Explicit Knowledge”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA | 14 Mar. 2006 |
|----|---|--------------|
- 
- |    |  |              |
|----|--|--------------|
| 5. | <b>“Public Announcements in Logics of Explicit Knowledge”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA | 25 Oct. 2005 |
|----|--|--------------|
- 
- |    |   |             |
|----|---|-------------|
| 4. | <b>“Updates in the Logic of Knowledge”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA | 5 Apr. 2005 |
|----|---|-------------|
- 
- |    |   |              |
|----|---|--------------|
| 3. | <b>“On Game Semantics for the Logic of Proofs”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA | 14 Oct. 2003 |
|----|---|--------------|
- 
- |    |  |              |
|----|--|--------------|
| 2. | <b>“Overview of Robert Constable’s <i>Types in Logic, Mathematics, and Programming</i> in Sam Buss (Ed.) <i>Handbook of Proof Theory</i>, Elsevier Science, 1997”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA | 30 Sep. 2003 |
|----|--|--------------|
- 
- |    |   |              |
|----|---|--------------|
| 1. | <b>“LP Tableaux Revisited”</b><br>Seminar in Computational Logic<br>CUNY Graduate Center, Ph.D. Program in Computer Science<br>New York City, USA | 16 Sep. 2003 |
|----|---|--------------|
- 

## REFEREED PUBLICATIONS (IN LOGIC)

**Note:** in these publications, author names are ordered by last name (i.e., no “first author” distinction).

- 
- |     |   |   |
|-----|---|---|
| 21. | <b>Knowledge, Justification, and Reasons-based Belief</b><br>Paul Égré, Paul Marty, and Bryan Renne<br><i>The Review of Symbolic Logic</i> , July 2021. | journal article, 2021<br>doi: 10.1017/S1755020319000522 |
|-----|---|---|
- 
- |     |  |  |
|-----|--|--|
| 20. | <b>The Logic of Qualitative Probability</b><br>James P. Delgrande, Bryan Renne, and Joshua Sack<br><i>Artificial Intelligence</i> , 275:457–486, 2019. | journal article, 2019<br>doi: 10.1016/j.artint.2019.07.002 |
|-----|--|--|
- 
- |     |  |   |
|-----|--|---|
| 19. | <b>Dynamic Epistemic Logic</b><br>Alexandru Baltag and Bryan Renne<br>In Edward N. Zalta, editor, <i>The Stanford Encyclopedia of Philosophy</i> , 2016. | encyclopedia article, 2016<br><a href="https://plato.stanford.edu/entries/dynamic-epistemic/">//plato.stanford.edu/entries/dynamic-epistemic/</a> |
|-----|--|---|
-

18. **Update, Probability, Knowledge and Belief** conference article, 2016  
 Jan van Eijck and Bryan Renne  
 In L. Becklemishev and S. Demri, editors, *Advances of Modal Logic (AiML)*, Volume 11, Budapest, Hungary. College Publications, 2016.

---

17. **Logics of Temporal-Epistemic Actions** journal article, 2016  
 Bryan Renne, Joshua Sack, and Audrey Yap doi: 10.1007/s11229-015-0773-6  
*Synthese*, 193(3):813–849, 2016.

---

16. **On a Minimal Logic of Default Conditionals** paper in collection, 2016  
 James P. Delgrande and Bryan Renne  
 In C. Beirle, G. Brewka, and M.Thimm, editors, *Computational Models of Rationality: Essays dedicated to Gabriele Kern-Isberner on the occasion of her 60th birthday*, pages 73–83. College Publications, 2016.

---

15. **The Logic of Qualitative Probability** conference article, 2015  
 James P. Delgrande and Bryan Renne [//ijcai.org/papers15/Papers/IJCAI15-411.pdf](http://ijcai.org/papers15/Papers/IJCAI15-411.pdf)  
 In Q. Yang and M. Wooldridge, editors, *Proceedings of the 24th International Joint Conference on Artificial Intelligence (IJCAI-15)*, pages 2904–2910, Buenos Aires, Argentina. AAAI Press, 2015.

---

14. **The Logic of Justified Belief, Explicit Knowledge, and Conclusive Evidence** journal article, 2014  
 Alexandru Baltag, Bryan Renne, and Sonja Smets doi: 10.1016/j.apal.2013.07.005  
*Annals of Pure and Applied Logic*, 165(1):49–81, 2014.

---

13. **Multi-Agent Justification Logic: Communication and Evidence Elimination** journal article, 2012  
 Bryan Renne doi: 10.1007/s11229-011-9968-7  
*Synthese*, 185(S1):43–82, 2012.

---

12. **The Logic of Justified Belief Change, Soft Evidence and Defeasible Knowledge** conference article, 2012  
 Alexandru Baltag, Bryan Renne, and Sonja Smets doi: 10.1007/978-3-642-32621-9\_13  
 In L. Ong and R. de Queiroz, editors, *Proceedings of the 19th Workshop on Logic, Language, Information and Computation (WoLLIC 2012)*, volume 7456 of *Lecture Notes in Computer Science*, pages 168–190, Buenos Aires, Argentina. Springer-Verlag Berlin Heidelberg, 2012.

---

11. **Generalized Arrow Update Logic** conference article, 2012  
 Barteld Kooi and Bryan Renne doi: 10.1145/2000378.2000403  
 In Krzysztof R. Apt, editor, *Proceedings of the 13th Conference of Theoretical Aspects of Rationality and Knowledge (TARK XIII)*, pages 205–211, Groningen, The Netherlands. ACM, 2012.

---

10. **Arrow Update Logic** journal article, 2011  
 Barteld Kooi and Bryan Renne doi: 10.1017/S1755020311000189  
*Review of Symbolic Logic*, 4(4):536–559, 2011.

---

9. **Public Communication in Justification Logic** journal article, 2011  
 Bryan Renne doi: 10.1093/logcom/exq026  
*Journal of Logic and Computation*, 21(6):1005–1034, 2011.

- 
8. **Dynamic Epistemic Temporal Logic** conference article, 2009  
 Bryan Renne, Joshua Sack, and Audrey Yap doi: 10.1007/978-3-642-04893-7\_21  
 In X. He, J. Hortsy, and E. Pacuit, editors, *Logic, Rationality and Interaction: Second International Workshop, LORI 2009, Chongqing, China, October 8–11, 2009, Proceedings (LORI-II)*, volume 5834/2009 of *Lecture Notes in Computer Science*, pages 263–277. Springer Berlin/Heidelberg, 2009.

---

  7. **Propositional Games with Explicit Strategies** journal article, 2009  
 Bryan Renne doi: 10.1016/j.ic.2008.11.005  
*Information and Computation*, 207(2):1015–1043, 2009.

---

  6. **Evidence Elimination in Multi-Agent Justification Logic** conference article, 2009  
 Bryan Renne doi: 10.1145/1562814.1562845  
 In A. Heifetz, editor, *Proceedings of the 12th Conference of Theoretical Aspects of Rationality and Knowledge (TARK XIII)*, pages 227–236, Stanford, California, USA. ACM, 2009.

---

  5. **Public and Private Communication are Different: Results on Relative Expressivity** journal article, 2008  
 Bryan Renne doi: 10.1007/s11229-008-9395-6  
*Synthese*, 165(2):225–245, 2008.

---

  4. **The Relative Expressivity of Public and Private Communication in BMS Logic** conference article, 2007  
 Bryan Renne  
 In J. van Benthem, S. Ju, and F. Veltman, editors, *A Meeting of the Minds: Proceedings of the Workshop on Logic, Rationality and Interaction, Beijing, 2007 (LORI-I)*, volume 8 of *Texts in Computer Science*, pages 213–229. College Publications, 2007.

---

  3. **Propositional Games with Explicit Strategies** conference article, 2006  
 Bryan Renne doi: 10.1016/j.entcs.2006.05.042  
 In G. Mints and R. de Queiroz, editors, *Proceedings of the 13th Workshop on Logic, Language, Information and Computation (WoLLIC 2006)*, volume 165 of *Electronic Notes in Theoretical Computer Science*, pages 133–144, Stanford, California, USA, 2006.

---

  2. **Bisimulation and Public Announcements in Logics of Explicit Knowledge** conference article, 2006  
 Bryan Renne  
 In S.N. Artemov and R. Parikh, editors, *Proceedings of the Workshop on Rationality and Knowledge, 18th European Summer School in Logic, Language and Information (ESSLI 2006)*, Málaga, Spain, 2006.

---

  1. **Semantic Cut-Elimination for Two Explicit Modal Logics** conference article, 2006  
 Bryan Renne  
 In J. Huitink and S. Katrenko, editors, *Proceedings of the 11th ESSLI Student Session (ESSLI 2006 StuS)*, Málaga, Spain, 2006.

## NON-REFEREED PUBLICATIONS (IN LOGIC)

**Note:** in these publications, author names are ordered by last name (i.e., no “first author” distinction).

- 
14. **Revisable Justified Belief: Preliminary Report** technical report, 2015  
 Alexandru Baltag, Bryan Renne, and Sonja Smets //arxiv.org/abs/1503.08141  
 E-print 1503.081412, arXiv.org, March 2015. arXiv:1503.08141 [cs.LO]

13. **Knowledge, Justification, and Reason-Based Belief** technical report, 2015  
Paul Egré, Paul Marty, and Bryan Renne [//arxiv.org/abs/1412.1862](https://arxiv.org/abs/1412.1862)  
E-print 1412.1862, arXiv.org, May 2015. arXiv:1412.1862 [cs.LO]
12. **Belief as Willingness to Bet** technical report, 2014  
Jan van Eijck and Bryan Renne [//arxiv.org/abs/1412.5090](https://arxiv.org/abs/1412.5090)  
E-print 1412.5090, arXiv.org, December 2014. arXiv:1412.5090 [cs.LO]
11. **Logics of Temporal-Epistemic Actions** technical report, 2014  
Bryan Renne, Joshua Sack, and Audrey Yap [//arxiv.org/abs/1411.6279](https://arxiv.org/abs/1411.6279)  
E-print 1411.6279, arXiv.org, November 2014. arXiv:1411.6279 [cs.LO]
10. **Comments on the Logic of Justification** conference article, 2014  
Bryan Renne  
*Logic Across the University: Foundations and Applications—Proceedings of the Tsinghua Logic Conference, Beijing, 14–16 October 2013*, pages 13–14, London, 2013. College Publications.
9. **Simple Evidence Elimination in Justification Logic** invited article in a collection, 2011  
Bryan Renne [doi: 10.1007/978-94-007-0074-1](https://doi.org/10.1007/978-94-007-0074-1)  
In P. Girard, O. Roy, and M. Marion, editors, *Dynamic Formal Epistemology*, volume 351 of *Synthese Library*, chapter 7, pages 127–149. Springer, 2011. Invited submission.
8. **Justified Belief Change** conference article, 2010  
Samuel Bucheli, Roman Kuznets, Bryan Renne, Joshua Sack, and Thomas Studer [//goo.gl/iznQ7j](https://goo.gl/iznQ7j)  
In X. Arrazola and M. Ponte, editors, *Proceedings of the Second ILCLI International Workshop on Logic and Philosophy of Knowledge, Communication and Action (LogKCA-10)*. The University of the Basque Country Press, 2010.
7. **Dynamic Epistemic Logic with Justification** dissertation, 2008  
Bryan Renne [renne-dissertation.pdf](#)  
Ph.D. thesis, The City University of New York, 2008.
6. **A Survey of Dynamic Epistemic Logic** unpublished article, 2008  
Bryan Renne  
Manuscript, September 2008. (Now outdated; see *Stanford Encyclopedia of Philosophy* article above.)
5. **Public and Private Communication are Different: Results on Relative Expressivity** technical report, 2008  
Bryan Renne [//academicworks.cuny.edu/gc\\_cs\\_tr/306](https://academicworks.cuny.edu/gc_cs_tr/306)  
Technical Report TR-2008001, CUNY Ph.D. Program in Computer Science, 2008.
4. **Public Communication in Justification Logic** technical report, 2007  
Bryan Renne [//academicworks.cuny.edu/gc\\_cs\\_tr/305](https://academicworks.cuny.edu/gc_cs_tr/305)  
Technical Report TR-2007025, CUNY Ph.D. Program in Computer Science, 2007.
3. **The Relative Expressivity of Public and Private Communication in BMS Logic** technical report, 2007  
Bryan Renne [//academicworks.cuny.edu/gc\\_cs\\_tr/292](https://academicworks.cuny.edu/gc_cs_tr/292)  
Technical Report TR-2007012, CUNY Ph.D. Program in Computer Science, 2007.

- 
2. **Propositional Games with Explicit Strategies** technical report, 2005  
Bryan Renne [//academicworks.cuny.edu/gc\\_cs\\_tr/267](http://academicworks.cuny.edu/gc_cs_tr/267)  
Technical Report TR-2005012, CUNY Ph.D. Program in Computer Science, 2005.
- 
1. **Tableaux for the Logic of Proofs** technical report, 2004  
Bryan Renne [//academicworks.cuny.edu/gc\\_cs\\_tr/237](http://academicworks.cuny.edu/gc_cs_tr/237)  
Technical Report TR-2004001, CUNY Ph.D. Program in Computer Science, 2004.
- 

## TEACHING

---

**Dynamic Logics for Formal Epistemology** — [//www.nasslli2014.com/courses/dynamic-logic/](http://www.nasslli2014.com/courses/dynamic-logic/) 21–26 June 2014  
Alexandru Baltag, Bryan Renne, and Sonja Smets  
2014 North American Summer School for Logic, Language, and Information (NASSLLI)  
University of Maryland  
College Park, USA

---

**Temporal Logic** — [//www.joshuasack.info/courses/2013/illc-time.html](http://www.joshuasack.info/courses/2013/illc-time.html) 4 June – 7 July 2013  
Bryan Renne and Joshua Sack  
Project Course, M.Sc. in Logic Program  
University of Amsterdam, Institute for Logic, Language and Computation (ILLC)  
Amsterdam, Netherlands

---

**Justification Logic** — [//goo.gl/jj9IEf](http://goo.gl/jj9IEf) 5–28 June 2012  
Bryan Renne  
Project Course, M.Sc. in Logic Program  
University of Amsterdam, Institute for Logic, Language and Computation (ILLC)  
Amsterdam, Netherlands

---

**CSCI 120: Introduction to Computers** — [//goo.gl/KgU1Mz](http://goo.gl/KgU1Mz) Spring 2005  
Bryan Renne  
Hunter College, Department of Computer Science  
New York City, USA

---

**CSCI 235: Software Design and Analysis 2** — [//goo.gl/qjMoFE](http://goo.gl/qjMoFE) Spring 2004, Fall 2004, Fall 2003  
Bryan Renne  
Hunter College, Department of Computer Science  
New York City, USA

---

## ACADEMIC SERVICE (IN LOGIC)

---

**Committee member for theses** (defense date ↓)

1. **MSc Thesis Committee Member (external)** 23 June 2015  
Moritz M. Bäuml, MSc in Logic  
Institute for Logic, Language and Computation (ILLC)  
University of Amsterdam

---

| Committee member for conferences  |  | (conference dates ↓) |
|---|--|----------------------|
| 9. <b>Program Committee Member</b> //loft.epicenter.name/                 | 12th Conference on Logic and the Foundations of Game and Decision Theory (LOFT)<br>Maastricht, Netherlands         | 20–22 July 2016      |
| 8. <b>Program Committee Member</b> //golori.org/                          | 5th International Conference on Logic, Rationality and Interaction (LORI)<br>Taipei, Taiwan                        | 28–31 Oct. 2015      |
| 7. <b>Program Committee Member</b> //folk.uib.no/nmita/LOFT11/            | 11th Conference on Logic and the Foundations of Game and Decision Theory (LOFT)<br>Bergen, Norway                  | 27–30 July 2014      |
| 6. <b>Program Committee Member</b> //ijcai-13.org/                        | International Joint Conference on Artificial Intelligence (IJCAI)<br>Beijing, China                                | 3–9 Aug. 2013        |
| 5. <b>Program Committee Member</b> //lfcs.info/lfcs-2013/                 | 2013 Symposium on Logical Foundations of Computer Science (LFCS)<br>San Diego, California, USA                     | 6–8 Jan. 2013        |
| 4. <b>Program Committee Member</b> //personal.us.es/hvd/loft/             | 11th Conference on Logic and the Foundations of Game and Decision Theory (LOFT)<br>Sevilla, Spain                  | 18–20 June 2012      |
| 3. <b>Program Committee Member</b> //ijcai-11.iiia.csic.es/               | International Joint Conference on Artificial Intelligence (IJCAI)<br>Barcelona, Spain                              | 16–22 July 2011      |
| 2. <b>Local Organizing Committee Member</b> //www.philos.rug.nl/TARK2011/ | 13th Conference on Theoretical Aspects of Rationality and Knowledge (TARK)<br>Groningen, Netherlands               | 11–15 July 2011      |
| 1. <b>Co-chair, Logic and Computation Section</b> //goo.gl/dQ4pyX         | 12th Student Session<br>19th European Summer School in Logic, Language and Information (ESSLLI)<br>Dublin, Ireland | 6–17 Aug. 2007       |

---

**Anonymous expert reviewer for journals** (ordered alphabetically; multiple reviews for some)

9. Annals of Pure and Applied Logic
8. Artificial Intelligence
7. Fundamenta Informaticae
6. Journal of Applied Non-classical Logics
5. Journal of Autonomous Agents and Multi-Agent Systems
4. Journal of Logic and Computation
3. The Logic Journal of the IGPL
2. Logique et Analyse
1. Synthese

---

| Anonymous expert reviewer for conferences |   | (conference dates ↓) |
|---|---|----------------------|
| 23. <b>LOFT</b>                           | 12th Conference on Logic and the Foundations of Game and Decision Theory<br>Maastricht, Netherlands                           | 20–22 July 2016      |
| 22. <b>LORI</b>                           | 5th International Conference on Logic, Rationality and Interaction (LORI)<br>Taipei, Taiwan                                   | 28–31 Oct. 2015      |
| 21. <b>WoLLIC</b>                         | 21st Workshop on Logic, Language, Information, and Computation<br>Universidad Técnica Federico Sante María, Valparaíso, Chile | 25–29 Aug. 2014      |

|            |  |                 |
|------------|--|-----------------|
| 20. AiML   | Advances in Modal Logic 2014<br>University of Groningen, Netherlands   | 5–8 Aug. 2014   |
| 19. LOFT   | 11th Conference on Logic and the Foundations of Game and Decision Theory<br>Bergen, Norway                                   | 27–30 July 2014 |
| 18. WoLLIC | 20th Workshop on Logic, Language, Information, and Computation<br>Technische Universität Darmstadt, Germany                  | 20–23 Aug. 2013 |
| 17. IJCAI  | 23rd International Joint Conference on Artificial Intelligence<br>Beijing, China   | 3–9 Aug. 2013   |
| 16. CPA    | Annual Congress of the Canadian Philosophical Association<br>University of Victoria, British Columbia, Canada                | 2–5 June 2013   |
| 15. ICLA   | 5th Indian Conference on Logic and its Applications<br>Institute of Mathematical Sciences, Chennai, India                    | 10–12 Jan. 2013 |
| 14. TARK   | 14th Conference on Theoretical Aspects of Rationality and Knowledge<br>Institute of Mathematical Sciences, Chennai, India    | 7–9 Jan. 2013   |
| 13. LFCS   | Symposium on Logical Foundations of Computer Science<br>San Diego, California, USA   | 6–8 Jan. 2013   |
| 12. LOFT   | 10th Conference on Logic and the Foundations of Game and Decision Theory<br>Sevilla, Spain                                   | 18–20 June 2012 |
| 11. LICS   | 26th Annual IEEE Symposium on Logic in Computer Science<br>University of Toronto, Ontario, Canada                            | 21–24 June 2011 |
| 10. IJCAI  | 22nd International Joint Conference on Artificial Intelligence<br>Barcelona, Spain   | 16–22 July 2011 |
| 9. TARK    | 13th Conference on Theoretical Aspects of Rationality and Knowledge<br>University of Groningen, Netherlands                  | 11–15 July 2011 |
| 8. AAMAS   | 10th Conference on Autonomous Agents and Multiagent Systems<br>Taipei, Taiwan  | 2–6 May 2011    |
| 7. AiML    | Advances in Modal Logic<br>Steklov Mathematical Institute, Moscow, Russia  | 24–27 Aug. 2010 |
| 6. StuS    | 15th ESSLLI Student Session<br>University of Copenhagen, Denmark   | 9–20 Aug. 2010  |
| 5. TARK    | 12th Conference on Theoretical Aspects of Rationality and Knowledge<br>Stanford University, Stanford, California, USA        | 6–8 July 2009   |
| 4. WoLLIC  | 16th Workshop on Logic, Language, Information, and Computation<br>National Center of Sciences, Tokyo, Japan                  | 21–24 June 2009 |
| 3. LFCS    | Symposium on Logical Foundations of Computer Science<br>Deerfield Beach, Florida, USA  | 3–6 Jan. 2009   |
| 2. CSR     | 2nd International Computer Science Symposium in Russia<br>Ekaterinburg, Russia   | 3–7 Sep. 2007   |
| 1. TARK    | 11th Conference on Theoretical Aspects of Rationality and Knowledge<br>Faculté Universitaires Saint-Louis, Brussels, Belgium | 25–27 June 2007 |

---

#### Anonymous expert reviewer for book submissions

1. *Synthese Library*: Studies in Epistemology, Logic, Methodology and Philosophy of Science. Springer.

## COMMUNITY VOLUNTEER WORK

---

Cornell Alumni Admissions Ambassador Network — Vancouver, Canada Aug. 2012 – July 2019

Volunteer

- Meet with designated undergraduate applicants to Cornell University (Ithaca, USA)
- Write short post-meeting report to Undergraduate Admissions Office providing perspective on applicant

---

Saint Paul's Hospital, Providence Health Care — Vancouver, Canada Oct. 2011 – July 2015

Volunteer

- Renal dialysis: coffee cart, patient visiting (1.5 hrs/wk, Oct. 2011 – July 2015)
- Palliative care: patient and family visiting (2 hrs/wk, Dec. 2012 – June 2014)

---

University of British Columbia Postdoctoral Association — Vancouver, Canada 8 Mar. 2012

Volunteer presenter, "Celebrate Research Week" outreach event at Science World British Columbia

- Presented "Logic in Our World" poster to interest kids in scientific research (3.5 hrs)