Charles H. Pence

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Appointments

2018– **Université catholique de Louvain**

2026– Professeur [*Associate Professor*]
2023–2026 Chargé de cours à titre définitif [*Tenured Assistant Professor*]
2018–2023 Chargé de cours [*Assistant Professor*]

2018– Institut supérieur de philosophie
2023– Louvain Institute of Biomolecular Science and Technology
2018– Faculté de philosophie, arts et lettres

2024–2027 Président, École de philosophie [*Head of Teaching, Philosophy*]
2018– Directeur, Centre de philosophie des sciences et sociétés (CEFISES)

2014–2018 **Louisiana State University**

2014–2018 Assistant Professor, Department of Philosophy and Religious Studies
2017–2018 Director, LSU Ethics Institute

Affiliations

2023–2026 Collegium [*Young Academy*], Académie royale de Belgique
2026– National Committee for Logic, History and Philosophy of Science, Royal Academies for Science and the Arts of Belgium (RASAB)
2025– Commission Éthique, Réseau Santé Louvain
2025– Center for Philosophy of Science, Hong Kong University of Science and Technology
2023– Scientific Committee, Louvain4Evolution, UCLouvain
2021– Research Group on Data, Robotics, Artificial Intelligence, Law & Society (DRAILS), UCLouvain
2020–2024 Centre de recherche en éthique de la santé (HELESI), UCLouvain
2013–2017 Emerging Technologies of National Security and Intelligence, University of Notre Dame

Visiting

2026 Erasmus+ Teaching Fellowship: Yerevan State University, Armenia
2025 Erasmus+ Teaching Fellowship: Ilia State University, Georgia
2013 Pre-Doctoral Fellow, National Evolutionary Synthesis Center (NESCent)

Education

2007–2014 University of Notre Dame, Ph.D. in History and Philosophy of Science
2007–2009 University of Notre Dame, M.A. in Philosophy

2003–2007 Princeton University, A.B. in Philosophy, *cum laude*

Books and Edited Collections

2026 Pence, C.H., ed. 2026. *Scientific Methodology in Nineteenth-Century Britain. 4 vols.* London: Routledge. https://doi.org/10.4324/9781003263814.

2025 Pence, C.H. 2025. *Integrative Promise: Explanatory Virtues in Biology.* Cham: Springer. https://doi.org/10.1007/978-3-031-88471-9.

2022 Pence, C.H. 2022. *The Rise of Chance in Evolutionary Theory: A Pompous Parade of Arithmetic.* London: Academic Press / Elsevier. https://www.elsevier.com/books/the-rise-of-chance-in-evolutionary-theory/pence/978-0-323-91291-4.

2021 Pence, C.H. 2021. *The Causal Structure of Natural Selection.* Cambridge: Cambridge University Press. https://doi.org/10.1017/9781108680691.

2016 Ramsey, G., and C.H. Pence, eds. 2016. *Chance in Evolution.* Chicago: University of Chicago Press. https://doi.org/10.7208/chicago/9780226401911.001.0001.

Articles and Book Chapters

forthcoming Pence, C.H. Forthcoming. "What is the History of Evolutionary Theory About? [Contribution to Book Forum on Radick, G., Disputed Inheritance]." *Studies in History and Philosophy of Science.*

forthcoming Kaiser, K., and C.H. Pence. Forthcoming. "Digital History and Philosophy of Science." In *Blackwell Companion to Integrated History and Philosophy of Science,* edited by Y. Shan. Malden, MA: Blackwell.

forthcoming Pence, C.H., and S. Conix. Forthcoming. "Mapping Controversy: A Cartography of Taxonomy and Biodiversity for the Philosophy of Biology." In *Experimental Philosophy and Corpus Analysis,* edited by J. Ulatowski, D. Weijers, and J. Sytsma. London: Bloomsbury.

2025 Bertoldi, N., and C.H. Pence. 2025. "'Population' in Biology and Statistics." *Studies in History and Philosophy of Science* 109:1–11. https://doi.org/10.1016/j.shpsa.2024.12.014.

2025 Gaillard, M., C.H. Pence, and M. Botbol-Baum. 2025. "Organoid Ethical Typology: Varieties of Three-Dimensional Stem Cell Constructs and the Many Issues They Raise in Bioethics." *Biology of the Cell* 117 (1): e2400093. https://doi.org/10.1111/boc.202400093.

2025 Pence, C.H. 2025. "Randomness, Chaos and Prediction in Evolutionary Theory." *Philosophy, Politics and Critique* 2 (2): 157–169. https://doi.org/10.3366/ppc.2025.0075.

2025 Pence, C.H. 2025. "Textual Analysis and Conceptual Cartography." In *Methods in the Philosophy of Science: A User's Guide,* edited by S. Veigl and A. Currie, 443–461. Cambridge, MA: MIT Press. https://mitpress.mit.edu/9780262552240/methods-in-the-philosophy-of-science/.

2024 Bertoldi, N., F. Lareau, C.H. Pence, and C. Malaterre. 2024. "A Quantitative Window on the History of Statistics: Topic-Modelling 120 Years of Biometrika." *Digital Scholarship in the Humanities* 39:13–29. https://doi.org/10.1093/llc/fqad072.

2024 Casali, M., M. Michon, and C.H. Pence. 2024. "Introduction : Le vague dans les sciences." *Lato Sensu* 11 (1): 1–4. https://doi.org/10.20416/LSRSPS.V11I1.1.

2024 Conix, S., V. Cuypers, and C.H. Pence. 2024. "Measuring and Explaining Disagreement in Bird Taxonomy." *European Journal of Taxonomy* 943 (1): 288–307. https://doi.org/10.5852/ejt.2024.943.2601.

2024 Evans, N.G., and C.H. Pence. 2024. "Gain of Function Research and Model Organisms in Biology." *Journal of Medical Ethics* 50 (3): 201–206. https://doi.org/10.1136/jme-2022-108853.

2024 Lennox, J., and C.H. Pence. 2024. "Darwinism." In *Stanford Encyclopedia of Philosophy,* edited by E.N. Zalta and U. Nodelman. Stanford, CA: Metaphysics Research Lab. https://plato.stanford.edu/entries/darwinism/.

2024 Pence, C.H. 2024. "Popper y la interpretación propensivista de la probabilidad [Popper and the Propensity Interpretation of Probability, trans. V.J. Luque]." In *Karl Popper: Herencia y actualidad*, edited by S. Pérez-González, V.J. Luque, and J. Gimeno-Simó, 203–224. València: Universitat de València. https://omp.uv.es/index.php/PUV/catalog/book/510.

2024 Pence, C.H. 2024. "Putting Ambiguity to Work: Biodiversity and Rules of Engagement for Vagueness in Science." *Lato Sensu* 11 (1): 5–15. https://doi.org/10.20416/LSRSPS.V11I1.2.

2024 Pence, C.H. 2024. "The Modern Synthesis and 'Progress' in Evolution: A View from the Journal Literature." *History and Philosophy of the Life Sciences* 46 (4): 39. https://doi.org/10.1007/s40656-024-00634-6.

2024 Pence, C.H. 2024. "John Herschel's Methodology in the Scientific Community." In *The Cambridge Companion to John Herschel*, edited by S. Case and L.M. Verburgt, 257–279. Cambridge: Cambridge University Press. https://doi.org/10.1017/9781009237727.013.

2023 Lean, O.M., L. Rivelli, and C.H. Pence. 2023. "Digital Literature Analysis for Empirical Philosophy of Science." *British Journal for the Philosophy of Science* 74 (4): 875–898. https://doi.org/10.1086/715049.

2023 Pence, C.H. 2023. "Origin's Chapter IX and X: From Old Objections to Novel Explanations: Darwin on the Fossil Record." In *Understanding Evolution in Darwin's "Origin": The Emerging Context of Evolutionary Thinking*, edited by M. E. Brzezinski Prestes, 321–331. Cham: Springer. https://doi.org/10.1007/978-3-031-40165-7_20.

2023 Pence, C.H., and D.J. Hicks. 2023. "Challenges for 'Community' in Science and Values: Cases from Robotics Research." *HUMANA.MENTE Journal of Philosophical Studies* 16 (44): 1–32. https://www.humanamente.eu/index.php/HM/article/view/385.

2022 Pence, C.H. 2022. "Un seuil entre deux mondes ? Les animaux et les êtres humains de Darwin à nos jours." *Revue Théologique de Louvain* 53 (4): 436–452. https://doi.org/10.2143/RTL.53.4.3291310.

2022 Pence, C.H. 2022. "Charles Darwin (1809–1882)." In *Internet Encyclopedia of Philosophy*, edited by J. Fieser and B. Dowden. https://iep.utm.edu/darwin/.

2022 Pence, C.H. 2022. "How Not to Fight About Theory: The Debate Between Biometry and Mendelism in Nature, 1890–1915." In *The Dynamics of Science: Computational Frontiers in History and Philosophy of Science*, edited by G. Ramsey and A. De Block, 147–163. Pittsburgh: University of Pittsburgh Press. https://upittpress.org/books/9780822947370/.

2022 Pence, C.H. 2022. "Of Stirps and Chromosomes: Generality Through Detail." *Studies in History and Philosophy of Science* 94:177–190. https://doi.org/10.1016/j.shpsa.2022.06.015.

2022 Pence, C.H. 2022. "Testing and Discovery: Responding to Challenges to Digital Philosophy of Science." *Metaphilosophy* 53 (2-3): 238–253. https://doi.org/10.1111/meta.12549.

2022 Pence, C.H. 2022. "Whatever Happened to Reversion?" *Studies in History and Philosophy of Science* 92:97–108. https://doi.org/10.1016/j.shpsa.2022.01.019.

2022 Pence, C.H., and L. Rivelli. 2022. "Editorial Introduction to "Digital Studies of Digital Science"." *Synthese* 200:328. https://doi.org/10.1007/s11229-022-03802-y.

2021 Pence, C.H. 2021. "W.F.R. Weldon Changes His Mind." *European Journal for Philosophy of Science* 11 (3): 61. https://doi.org/10.1007/s13194-021-00384-3.

2019 Pence, C.H. 2019. "Locating Uncertainty in Stochastic Evolutionary Models: Divergence Time Estimation." *Biology & Philosophy* 34:21. https://doi.org/10.1007/s10539-019-9683-1.

2018 Pence, C.H. 2018. "Sir John F. W. Herschel and Charles Darwin: Nineteenth-Century Science and its Methodology." *HOPOS* 8 (1): 108–140. https://doi.org/10.1086/695719.

2018 Pence, C.H., and G. Ramsey. 2018. "How to Do Digital Philosophy of Science." *Philosophy of Science* 85 (5): 930–941. https://doi.org/10.1086/699697.

2018 Pence, C.H., and D.G. Swaim. 2018. "The Economy of Nature: The Structure of Evolution in Linnaeus, Darwin, and the Modern Synthesis." *European Journal for Philosophy of Science* 8 (3): 435–454. https://doi.org/10.1007/s13194-017-0194-0.

2017 Pence, C.H. 2017. "Is Genetic Drift a Force?" *Synthese* 194 (6): 1967–1988. https://doi.org/10.1007/s11229-016-1031-2.

2016 Mendelson, T.C., C.L. Fitzpatrick, M.E. Hauber, C.H. Pence, R.L. Rodriguez, R.J. Safran, C.A. Stern, and J.R. Stevens. 2016. "Cognitive Phenotypes and the Evolution of Animal Decisions." *Trends in Ecology and Evolution* 31 (11): 850–859. https://doi.org/10.1016/j.tree.2016.08.008.

2016 Pence, C.H. 2016. "RLetters: A Web-Based Application for Text Analysis of Journal Articles." *PLoS ONE* 11 (1): e0146004. https://doi.org/10.1371/journal.pone.0146004.

2016 Ramsey, G., and C.H. Pence. 2016. "Chance in Evolution from Darwin to Contemporary Biology." In *Chance in Evolution,* edited by G. Ramsey and C.H. Pence, 1–11. Chicago: University of Chicago Press. https://doi.org/10.7208/chicago/9780226401911.001.0001.

2016 Ramsey, G., and C.H. Pence. 2016. "evoText: A New Tool for Analyzing the Biological Sciences." *Studies in History and Philosophy of Biological and Biomedical Sciences* 57:83–87. https://doi.org/10.1016/j.shpsc.2016.04.003.

2015 Pence, C.H. 2015. "The Early History of Chance in Evolution." *Studies in History and Philosophy of Science* 50:48–58. https://doi.org/10.1016/j.shpsa.2014.09.006.

2015 Pence, C.H. 2015. "Military Genomic Testing: Proportionality, Expected Benefits, and the Connection between Genotypes and Phenotypes." *Journal of Law and the Biosciences* 2 (1): 85–91. https://doi.org/10.1093/jlb/lsu035.

2015 Pence, C.H., and G. Ramsey. 2015. "Is Organismic Fitness at the Basis of Evolutionary Theory?" *Philosophy of Science* 82 (5): 1081–1091. https://doi.org/10.1086/683442.

2013 Pence, C.H., and G. Ramsey. 2013. "A New Foundation for the Propensity Interpretation of Fitness." *British Journal for the Philosophy of Science* 64 (4): 851–881. https://doi.org/10.1093/bjps/axs037.

2013 Ramsey, G., and C.H. Pence. 2013. "Fitness: Philosophical Problems." In *eLS,* edited by A. Clarke. Milton Park, UK: John Wiley & Sons. https://doi.org/10.1002/9780470015902.a0003443.pub2.

2012 Pence, C.H., and L. Buchak. 2012. "Oyun: A New, Free Program for Iterated Prisoner's Dilemma Tournaments in the Classroom." *Evolution: Education and Outreach* 5 (3): 467–476. https://doi.org/10.1007/s12052-012-0434-x.

2012 Philip, J.T., C.H. Pence, and H.V. Goodson. 2012. "MTBindingSim: Simulate Protein Binding to Microtubules." *Bioinformatics* 28 (3): 441–443. https://doi.org/10.1093/bioinformatics/btr684.

2011 Pence, C.H. 2011. "'Describing Our Whole Experience': The Statistical Philosophies of W.F.R. Weldon and Karl Pearson." *Studies in History and Philosophy of Biological and Biomedical Sciences* 42 (4): 475–485. https://doi.org/10.1016/j.shpsc.2011.07.011.

2011 Pence, C.H. 2011. "Nietzsche's Aesthetic Critique of Darwin." *History and Philosophy of the Life Sciences* 33 (2): 165–190. https://www.jstor.org/stable/23335115.

Gray Literature

2024 Arnould, J., K. Bartik, A. Coustenis, V. Dehant, A. Husniaux, E. Javaux, A. Kazarian, et al. 2024. "Manifeste pour une exploration et une utilisation de l'espace mieux contrôlées et plus responsables / Manifesto for a More Responsible and Better Controlled Space Exploration and Utilization." Académie royale de Belgique, https://academieroyale.be/fr/actualites-detail/messages/manifeste-pour-exploration-utilisation-espace-mieux-controlees-plus-responsables/.

2022 Gaillard, M., C.H. Pence, and M. Botbol-Baum. 2022. "Typology for artificial biological entities." HYBRIDA: Embedding a comprehensive ethical dimension to organoid-based research and resulting technologies [EU H2020 SwafS], https://doi.org/10.3030/101006012.

2022 Gaillard, M., C.H. Pence, and M. Botbol-Baum. 2022. "The challenging history of organoid research and its implications for ontology and ethics." HYBRIDA: Embedding a comprehensive ethical dimension to organoid-based research and resulting technologies [EU H2020 SwafS], https://doi.org/10.3030/101006012.

2022 Gaillard, M., C.H. Pence, and M. Botbol-Baum. 2022. "Identification and discussion of conceptual uncertainties relating to organoids, chimeric entities, and hybrids." HYBRIDA: Embedding a comprehensive ethical dimension to organoid-based research and resulting technologies [EU H2020 SwafS], https://doi.org/10.3030/101006012.

Book Reviews

2026 Garaev, A., and C.H. Pence. 2026. "[Review of] Philosophy of Physiology. Cambridge Elements in the Philosophy of Biology. By Maël Lemoine." *Quarterly Review of Biology* 101 (1): 53–54. https://doi.org/10.1086/739729.

2026 Pence, C.H. 2026. "[Review of] Laurent Loison: Beyond Lamarckism: Plasticity in Darwinian Evolution, 1890–1970." *Journal of the History of Biology*, https://doi.org/10.1007/s10739-026-09871-w.

2025 Pence, C.H. 2025. "[Review of] Stephen Case, Creatures of Reason: John Herschel and the Invention of Science." *British Journal for the History of Science* 58:742–743. https://doi.org/10.1017/S0007087425101027.

2025 Pence, C.H. 2025. "Quantitative Studies of Philosophy [Review of Eugenio Petrovich, A Quantitative Portrait of Philosophy: Looking Through the Margins]." *Metascience* 34 (1): 33–35. https://doi.org/10.1007/s11016-024-01039-8.

2025 Pence, C.H. 2025. "[Review of] Disputed Inheritance: The Battle over Mendel and the Future of Biology. By Gregory Radick." *Quarterly Review of Biology* 100 (1): 30–31. https://doi.org/10.1086/734513.

2024 Pence, C.H. 2024. "[Review of] Evolution and the Machinery of Chance, Marshall Abrams." *BJPS Review of Books*, https://www.thebsps.org/reviewofbooks/pence-on-abrams/.

2023 Bautista Perpinyà, M., and C.H. Pence. 2023. "[Review of] Catastrophic Thinking, David Sepkoski." *BJPS Review of Books*, https://www.thebsps.org/reviewofbooks/perpinya-pence-on-sepkoski/.

2022 Deleuze, C., and C.H. Pence. 2022. "Compte rendu [Review of] : Béatrice Desvergne. De la biologie à la médecine personnalisée : mieux soigner demain ?" *Lato Sensu* 9 (1): 21–22. https://doi.org/10.20416/LSRSPS.V9I1.3.

2022 Pence, C.H. 2022. "The Proof of the Pudding. [Review of Yafeng Shan, Doing Integrated History and Philosophy of Science: A Case Study of the Origin of Genetics]." *Metascience* 31 (2): 179–181. https://doi.org/10.1007/s11016-022-00744-6.

2020 Pence, C.H. 2020. "[Review of] How Biology Shapes Philosophy, David Livingstone Smith." *BJPS Review of Books*, https://www.thebsps.org/reviewofbooks/pence-on-smith/.

2020 Pence, C.H. 2020. "[Review of] Evolutionary Causation: Biological and Philosophical Reflections. Vienna Series in Theoretical Biology edited by Tobias Uller and Kevin N. Laland." *Quarterly Review of Biology* 95 (2): 150–151. https://doi.org/10.1086/709062.

2018 Pence, C.H. 2018. "[Review of] Buckets from an English Sea: 1832 and the Making of Charles Darwin by Louis B. Rosenblatt." *Quarterly Review of Biology* 93 (4): 356. https://doi.org/10.1086/700773.

2018 Pence, C.H. 2018. "[Review of] Origins of Darwin's Evolution: Solving the Species Puzzle Through Time and Place by J. David Archibald." *Quarterly Review of Biology* 93 (2): 128–129. https://doi.org/10.1086/698027.

2017 Pence, C.H. 2017. "[Review of] Robert J. Richards and Michael Ruse, Debating Darwin." *HOPOS* 7 (2): 397–400. https://doi.org/10.1086/693430.

2015 Pence, C.H. 2015. "The Many Chances of Charles Darwin [Essay Review]." *Studies in History and Philosophy of Biological and Biomedical Sciences* 53:107–110. https://doi.org/10.1016/j.shpsc.2015.07.008.

2015 Pence, C.H. 2015. "[Review of] Darwin's Dice: The Idea of Chance in the Thought of Charles Darwin." *Reports of the National Center for Science Education* 35 (6): 11.

2014 Pence, C.H. 2014. "Busting Myths about 'Species' [Review of Species: A History of the Idea, by John Wilkins]." *Evolution: Education and Outreach* 7:21. https://doi.org/10.1186/s12052-014-0021-4.

2013 Hollocher, H., C.H. Pence, G. Ramsey, and M.M. Wirth. 2013. "A Path to Success? A Review of Evolution, Development, and the Predictable Genome by David L. Stern." *Evolution and Development* 15 (1): 80–82. https://doi.org/10.1111/ede.12016.

2013 Pence, C.H. 2013. "[Review of] Staffan Müller-Wille and Hans-Jörg Rheinberger, A Cultural History of Heredity." *HOPOS* 3 (1): 168–172. https://doi.org/10.1086/668913.

2011 Hollocher, H., A. Fuentes, C.H. Pence, G. Ramsey, D.J. Sportiello, and M.M. Wirth. 2011. "[Review of] On the Origin of Stories: Evolution, Cognition, and Fiction." *Quarterly Review of Biology* 86 (2): 137–138. https://doi.org/10.1086/659913.

2011 Pence, C.H., H. Hollocher, R. Nichols, G. Ramsey, E. Siu, and D.J. Sportiello. 2011. "[Review of] Elliott Sober: Did Darwin Write the Origin Backwards? Philosophical Essays on Darwin's Theory." *Philosophy of Science* 78 (4): 705–709. https://doi.org/10.1086/661775.

2010 Ramsey, G., H. Hollocher, A. Fuentes, C.H. Pence, and E. Siu. 2010. "[Review of] Darwinian Populations and Natural Selection." *Quarterly Review of Biology* 85 (4): 499–500. https://doi.org/10.1086/656856.

Awards and Honors

2023 Editor's Choice, *BJPS* 74 (4), "Digital Literature Analysis for Philosophy of Science"
2022 Elected to Collegium (Young Academy) of the Académie royale de Belgique
2015–2016 LSU Tiger Athletic Foundation Undergraduate Teaching Award
July 2014 Most-Read Paper, *BJPS*, "A New Foundation for the Propensity Interpretation of Fitness"
2013 Sir Karl Popper Prize, "A New Foundation for the Propensity Interpretation of Fitness"
2013 Editor's Choice, *BJPS* 64 (4), "A New Foundation for the Propensity Interpretation of Fitness"
2012 Phillip R. Sloan Prize, Notre Dame Program in History and Philosophy of Science
2007–2012 Lilly Presidential Graduate Fellowship, Graduate School, University of Notre Dame
2012 Second Place – Humanities, Notre Dame Graduate Research Symposium
2012 Best Presentation – Forum Topic: Reimagining School, Notre Dame Graduate Research Symposium
2012 Striving for Excellence in Teaching Certification, Notre Dame Kaneb Center for Teaching & Learning
2007 J. Walker Tomb Senior Thesis Prize, Philosophy Department, Princeton University

Grants

Principal Investigator or Co-PI

2026–2028 Nature's Possibilities: A Philosophical Inquiry into Scientific Modality, UCLouvain ARC-PDR Incentive Grant
2025–2030 Health, Biological Fitness and Environmental Diversity, Australian Research Council (ARC) Discovery Project
2023–2028 Stability of Regulators in Embryonic Development: Epistemic Implications of a Changing Viewpoint (Epistemodevo), UCLouvain ARC
2021–2024 Taxonomic Disorder: Mapping & Response (DisSurvey), FNRS PDR
2020–2024 Embedding a Comprehensive Ethical Dimension to Organoid-Based Research and Resulting Technologies (HYBRIDA), EC H2020 SWAFS
2021–2022 Mechanisms and Ontic Causation in Life Sciences, FNRS-MOST (Taiwan) Bilateral Mobility Project
2019–2021 Forage de texte et approches numériques en histoire et philosophie des sciences (PHILONUM), Wallonie-Bruxelles–Québec projet de coopération
2019–2021 Digital History and Philosophy of Biology (DHPB), FNRS MIS
2019 L'histoire des premiers jours de la génétique : ressources d'enseignement secondaire et bachelier, UCLouvain Université numérique
2018–2019 The Development of Chance and Statistics in Evolutionary Biology, NSF HPS Scholars' Award

2017 Manship Summer Research Fellowship, LSU College of Humanities and Social Sciences
2015–2016 The evoText Project, NSF HPS Scholars' Award
2015 Manship Summer Research Fellowship, LSU College of Humanities and Social Sciences

Consultancies and Working Groups

2026–2031 Consultant, Botanical Legacies: Towards a New History and Philosophy of Virtual Herbaria (BOTLEG), Ruhr University Bochum
2023–2025 Group of Experts, ARC Centre of Excellence for the Mathematical Analysis of Cellular Systems (MACSYS), University of Melbourne
2022–2024 Working Group on Causality, Biodiversité Occitanie (BiodivOc), Région Occitanie, Institut de Botanique, Montpellier
2023 Consultant, Philosophy of Science for Cultural Evolution, John Templeton Foundation, Cal State University, Fullerton
2016 Consultant, Safeguarding Cyberspace with Ethical Rules for Cyberwarfare, NSF, Cal Poly, NPS, WMU

Talks and Conferences

13 keynote talks • 78 invited talks • 35 refereed talks • 13 poster and other presentations
3 (co-)organized conferences • 8 (co-)organized seminars/sessions • 13 other invited workshops

Unabridged list: https://archive.charlespence.net/talks.pdf

Media Coverage

including *The New York Times* • *RTBF* • *La Libre* • ABC • NBC

Unabridged list: https://archive.charlespence.net/media.pdf

Students and Post-Doctoral Fellows

Supervision

6 postdocs, 1 in progress • 7 PhDs in progress (3 co-promoted) • 19 master's, 3 in progress • 17 bachelor's, 1 in progress

Committees

6 PhDs, 2 in progress • 20 master's • 2 bachelor's • 1 HDR (France)

Successful Grant Applications Supervised

FNRS CR Postdoc [2]
UCLouvain FSR Postdoc [3]
WBI IN Excellence Postdoc [1]
FNRS ASP PhD [1]
Short-Term Mobility Grants (FNRS, Congo, etc.) [3]

Academic Service

2024– Executive Editor, *Philosophy, Theory, and Practice in Biology*
2019–2024 Editor, *Philosophy, Theory, and Practice in Biology*

2025– Associate Editor, *Biology & Philosophy*
Special Issue Editor, *Synthese*, *Lato Sensu*, *Revue philosophique de Louvain*

Referee: 33 journals • Invited book reviewer: 6 journals
Book proposal referee: 5 academic presses • Grant referee: 8 funding agencies

Recent Committee and Society Service (abridged)

2025–2027 Member, Finance Committee, ISHPSSB
2024–2027 Elected Member, Board (*Conseil d'administration*), SPS
2023–2025 Elected Co-chair, Program Committee, ISHPSSB
2023–2024 Jury, Prix Dr. Frans Jonckheere for the History of Science or Technology, Académie royale de Belgique

Member: PSA • EPSA • SPS • BSLPS • ISHPSSB • HOPOS • Shesvie

Public Service

2024 Member, Working Group, Ethics of Space Exploration, Académie royale de Belgique
2023–2024 Member, Expert Group, « *Présent·e·s pour le futur* » (Ethics of Nuclear Waste), Fondation Roi Baudouin

Local Service (abridged)

2024–2027 Head of Teaching (*Président d'école*), Philosophy, UCLouvain
2026– Member, Scientific Collections Management Committee, UCLouvain
2024– Union Representative (CSC/CNE), Works Council (*Conseil d'entreprise*), UCLouvain
2023–2029 Member, Disciplinary Doctoral Commission (CDD), Philosophy, UCLouvain
2023– Member, Commission on Publications and Research Promotion, ISP, UCLouvain
2022– Member, Consultative Committee of Researchers, Euraxess, ARH, UCLouvain
2020–2025 Member, Users' Committee, Centre de traitement automatique du language (Cental), UCLouvain
2022–2024 Member, Scientific Committee, Chaire Altissia 2.0, FIAL, UCLouvain
2022–2024 Secretary, Jury of the Bachelor Program, Philosophy, UCLouvain
2023 Jury, Prix Mercier, UCLouvain / KU Leuven

Languages

English (native) • French (proficient/C2) • Spanish (elementary/A2) • Dutch, German (basic/A1)

Last revised: October 12, 2026