

# William Stafford

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AOS: Philosophy of mathematics and logic, Philosophy of language, Mathematical logic  
AOC: Kant, History of analytic philosophy, Rational choice theory

## Education

2017-21 PhD in Philosophy, University of California, Irvine  
2015-17 MA in Philosophy, University of California, Irvine  
2013-15 MPhil in Philosophy, University of Warwick  
2009-13 BA (HONS) in Philosophy, University of Stirling (First class)

## Appointments

2022-24 MARIE SKŁODOWSKA-CURIE ACTIONS POSTDOCTORAL RESEARCHER University of Bristol, UK  
Project: *Truth in Proof-Theoretic Semantics*  
2021-22 POSTDOCTORAL RESEARCHER Institute of Philosophy, Czech Academy of Sciences, Czech Republic  
Project: *Meaningful Formalism: A Philosophy of Mathematics for Type Theory*  
F20,Su-F19 TEACHING ASSOCIATE University of California, Irvine, USA

## Publications

Stafford, W. The Potential in Frege's Theorem. *Review of Symbolic Logic* 1-25 (2020 [online](#)).  
Stafford, W. Proof-Theoretic Semantics and Inquisitive Logic. *J Philos Logic* **50**, 1199–1229 (2021).  
Stafford, W. The Decidability of Proof-Theoretic Validity. *The Logica Yearbook 2021* M. Blichka and I. Sedlar (eds), College Publications, London, (2022).

## Works in Progress

Drafts available on request or at [willstafford.info/manuscripts](http://willstafford.info/manuscripts).

*Generalised Proof-Theoretic Validity for Intuitionistic Logic* with Victor Nascimento (R & R)

*Proof-Theoretic Validity and Prawitz's conjecture* (under review)

*Analyticity of Logic and Proof-Theoretic Semantics* (under review)

*On the difficulty of discovering mathematical proofs* with Andy Arana (under review)

*The Untyped  $\lambda$ -Calculus as a Foundation for Natural Language Semantics* (in preparation)

## Prizes and Awards

- 2020-21 *LPS Service Award*-Award recognising outstanding service to department and its graduate program.  
2020 *A. Kimball Romney Award for Outstanding Graduate Paper*  
2013 *Murray MacBeath Prize*- Awarded for achieving the best First Class Honours performance in Philosophy

## Fellowships and Scholarships

- 2022-24 *Marie Skłodowska-Curie Actions Postdoctoral Fellowship*  
Winter 2021 *Werner Fellowship*-Prestigious fellowship from estate of Christian Werner funding research pursuits of the UCI Social Science's top graduate students  
Spring 2020 *Otto W. Shaler Scholarship*- Financial support to international graduate students who demonstrate outstanding past academic achievement as well as future promise  
W20,S19,W18 *Associate Dean Fellowship*  
2015-21 *School of Social Sciences Merit Fellowship*  
2013-15 *Arts and Humanities Research Council Research preparation masters studentship*

## Talks

Invited talks are marked with a \*.

- Oct 2022 \*[Logic and Set Theory Seminar](#): Bristol  
*Is the Proof-Theoretically Valid Logic Intuitionistic?*  
Sept 2022 \*[Formalization in Logic, Language, and Mathematics Conference](#): Nancy  
*Is the Proof-Theoretically Valid Logic Intuitionistic?*  
Sept 2022 \*[FFIUM Project Closing Workshop](#): Munich  
*Is the Proof-Theoretically Valid Logic Intuitionistic?*

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|-----------|--|--|
| Sept 2022 | PhDs in Logic: Turin   | <i>Proof-Theoretic Validity and Intuitionistic Logic</i>   |
| June 2022 | Postgraduate Session of the Joint Session of the Aristotelian Society and Mind           | <i>Following all the rules; Intuitionistic completeness for generalised proof-theoretic validity</i> |
| Dec 2021  | The 3rd Workshop on Proof Theory and its Applications: Fuchal                            | <i>Decidability and Finitary Character of Proof-Theoretic Validity</i>                               |
| Sep 2021  | Logica 2021: Hejnice   | <i>Decidability and Finitary Character of Proof-Theoretic Validity</i>                               |
| July 2021 | Association of Symbolic Logic European Summer Meeting (Logic Colloquium): online/Poznań  | <i>Completeness of intuitionistic logic for generalised proof-theoretic semantics</i>                |
| June 2021 | Australasian Association of Logic 2021: online   | <i>Analyticity of Logic and Proof-Theoretic Semantics</i>  |
| Apr 2021  | *Logic Super Group: online   | <i>In Defence of Proof-Theoretic Semantics</i>   |
| Apr 2021  | APA Pacific Division: online   | <i>Frege's Theorem and the Potential Infinite</i>  |
| Feb 2021  | *Seminars of the Department of Logic, Czech Academy of Sciences: online                  | <i>In Defence of Proof-Theoretic Semantics</i>   |
| Nov 2020  | Midwest PhilMath Workshop: online  | <i>Genus as a Measure of Complexity of Proof</i>   |
| July 2020 | *MCMP Colloquium in Mathematical Philosophy: Logic and Language: online                  | <i>The Logic of Proof-Theoretic Validity</i>   |
| July 2020 | *Orange County and Inland Empire History and Philosophy of Mathematics and Logic: online | <i>The Logic of Proof-Theoretic Validity</i>   |
| Mar 2019  | Third Tübingen Conference on Proof-Theoretic Semantics: Tübingen                         | <i>An Inquisitive Proof-Theoretic Semantics</i>  |
| July 2018 | Association of Symbolic Logic European Summer Meeting (Logic Colloquium): Udine          | <i>An Analysis of Property Theory with Curryng Types as an Intensional Semantics</i>                 |
| Aug 2017  | Association of Symbolic Logic European Summer Meeting (Logic Colloquium): Stockholm      | <i>Genus as a Measure of Complexity of Proof</i>   |
| July 2016 | Association of Symbolic Logic European Summer Meeting (Logic Colloquium): Leeds          | <i>The Modal Analogue of Frege's Theorem</i>   |

## Teaching

**Instructor, UCI:** Critical Reasoning, Making of Modern Science, Introduction to Logic

**Teaching Assistant, UCI:** Metalogic, Making of Modern Science, Naturalised Epistemology, Introduction to Symbolic Logic, Introduction to Inductive Logic, Introduction to Linguistics (within Language Sciences), Introduction to Psychology (within Psychology)

**Teaching Assistant, Warwick:** Introduction to Logic

**Guest Lecturing** Martin-Löf Type Theory, joint upper division and graduate course by Sean Walsh at UCI, topic: Heyting arithmetic and MLTT, December 2018

Philosophy, Science, and Mathematics, upper-level core seminar for student, majors by Hannah Rubin at University of Notre Dame, topic: Paperfolding, Proof Purity, and Euclidean Geometric Content (with Mike Schneider), October 2021

## Professional Service

2018-19 Graduate Representative for the Department of Logic and Philosophy of Science, UCI

## Public Outreach

2021 Co-organiser WonderPhilosophy - workshop on graduate school applications for first-generation students

2019 Ask a Philosopher - booths in public places where anyone can discuss philosophical questions

2014-15 Philosophy in Schools, The Philosophy Foundation - guided discussions in schools

## References

References can be sent via interfolio via the interfolio emails below. If only three references can be contacted please contact Dr Klev, Prof Walsh, and Prof Wehmeier.

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