

Ulrike Hahn – Curriculum Vitae

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EDUCATION AND ACADEMIC QUALIFICATIONS

- 1996 DPhil, Department of Experimental Psychology, University of Oxford. Title: "Cases and Rules in Categorization", viva April 1997
- 1993 MSc 'Cognitive Science and Natural Language', Centre for Cognitive Science, University of Edinburgh.
- 1993 Second State Law Exam, Munich = Qualification for all Legal Professions, including Admission to the Bar. following: Legal Internship, State of Bavaria, Germany; 1989-1992

POSTS HELD

- 2012- Professor, Department of Psychological Sciences, Birkbeck, University of London
- 1998-2012 Lecturer, School of Psychology, University of Wales, Cardiff,(2003 Senior Lecturer, 2007 Reader, 2009 Professor)
- 1996-98 Lecturer, Dept. of Psychology, University of Warwick.
- 1993-94 Tutor for Jurisprudence, Law Faculty, University of Edinburgh.
- 1989-92 'Referendariat' i.e. Legal Internship including Local and District Court, District Attorney and Criminal Court, State Administration and Law Firm, State of Bavaria (Munich).

HONOURS & AWARDS

- 2011 British Psychological Society Cognitive Section Prize.
Awarded for Hahn, U. & Warren, P.A. (2009) Perceptions of randomness: Why three heads are better than four. *Psychological Review*. 116, 454-461.
- 2013 Kerstin Hesselgren Professorship, Swedish Research Council.
- 2013 Anneliese Maier Research Award, Humboldt Foundation, Germany.

PUBLICATIONS

- Zhao, J., Hahn, U., & Osherson, D. (in press). Perception and identification of random events. *Journal of Experimental Psychology: Human Perception and Performance*.
- Maio, G.R., Hahn, U., Frost, J-M., Kuppens, Rehman, T.N., & Kamble, S. (2014) Social Values as Arguments: Similar is Convincing. *Frontiers in Psychology*.
- Hahn, U. (2014) The Bayesian Boom: Good thing or bad? *Frontiers in Cognitive Science*, Vol. 5, Article 765.

- Hahn, U. (2014). Experiential limitation in judgment and decision. *Topics in Cognitive Science*, 6, 229-244.
- Jarvstad, A., Hahn, U., Warren, P., & Rushton, S., (2014) Are perceptuo-motor decisions really more optimal than cognitive decisions? *Cognition*, 130, 397-416.
- Krahe, C., Hahn, U. & Whitney, K. (2013) Is seeing (musical) believing? The eye versus the ear in emotional responses to music. *Psychology of Music*. Online first.
- Jarvstad, A., Hahn, U., Rushton, S., & Warren, P. (2013) Perceptuo-motor, cognitive and description-based decisions seem equally good. *Proceedings of the National Academy of Science*. 110(40), 16271-16276.
- Harris, A.J.L., Corner, A.J. & Hahn, U. (2013) James is polite and punctual (and useless): A Bayesian formalization of faint praise. *Thinking & Reasoning*, special issue on 'The new paradigm in Reasoning'. *Thinking & Reasoning*, 19, 414-429.
- Hahn, U., Oaksford, M. & Harris, A.K.L. (2013) Rational inference, rational argument. *Argument & Computation*, 4, 21-35.
- Evans, L.E., Maio, G, Corner, A.J, Hodgetts, C. J., Ahmed, S & Hahn, U. (2013) Self-interest and pro-environmental behavior. *Nature Climate Change*, 3, 122–125.
- Corner, A.J. & Hahn, U. (2013) Normative theories of argumentation: Are some norms better than others?. *Synthese*, 190, 3579-3610.
- Jarvstad, A, Rushton, S., Warren, P. & Hahn, U. (2012) Knowing When to Move On: Cognitive and Perceptual Decisions in Time. *Psychological Science*, 23, 589-597.
- Hornikx, J. & Hahn, U. (2012) Reasoning and argumentation: Toward an integrated psychology of argumentation. *Thinking & Reasoning*, 18, 225-243.
- Hornikx, J. & Hahn, U. eds. (2012). Reasoning and argumentation: A special issue. *Thinking & Reasoning*. Volume 18, Issue 3.
- Hodgetts, C.J. and Hahn, U. (2012) Similarity-based asymmetries in perceptual matching. *Acta Psychologica*, 139, 291-299.
- Perlman, A., Hahn, U. Edwards, D.C. & Pothos, E.M. (2012) Further attempts to clarify the importance of category variability for categorization. *Journal of Cognitive Psychology*, 24, 203-220.
- Hahn, U. (2011). The problem of circularity in evidence, argument and explanation. *Perspectives on Psychological Science*, 6, 172-182.
- Jarvstad, A. & Hahn, U. (2011) Source reliability and the conjunction fallacy. *Cognitive Science*, 35, 682-711.
- Corner, A.J., Hahn, U. & Oaksford, M. (2011). The psychological mechanism of the slippery slope argument. *Journal of Memory and Language*, 64, 153-170.
- Harris, A.J.L. & Hahn, U. (2011). Unrealistic optimism about future life events: A cautionary note. *Psychological Review*, 118, 135-154.
- Hahn, U. and Warren, P.A. (2010). Why three heads are a better bet than four: A reply to Sun,

- Tweney and Wang. *Psychological Review*, 117, 706-711.
- Hahn, U. and Warren, P.A. (2010). Postscript: All together now: “Three heads are better than four”. *Psychological Review*, 117, 711.
- Pothos, E.M., Hahn, U. & Prat-Sala, M. (2010) Contingent necessity vs. logical necessity in categorization. *Thinking & Reasoning*, 16, 45-64.
- Corner, A.J. & Hahn, U. (2010) Message Framing, Normative Advocacy & Persuasive Success. *Argumentation*, 24, 153-163.
- Hahn, U., Prat-Sala, M., Pothos, E.M. & Brumby, D.P. (2010) Exemplar similarity and rule application. *Cognition*, 114, 1-18.
- Hahn, U., Harris, A.J.L., & Corner, A.J. (2009). Argument Content and Argument Source: An Exploration. *Informal Logic*, 29, 337-367.
- Hodgetts, C.J., Hahn, U. & Chater, N. (2009) Transformation and alignment in similarity. *Cognition*, 113, 62-79.
- Maio, G.R., Hahn, U., Frost, J.-M. & Cheung, W.-Y. (2009) Applying the Value of Equality Unequally: Effects of Value Instantiations that Vary in Typicality. *Journal of Personality and Social Psychology*, 97, 598-614.
- Close, J., Hahn, U. & Honey, R. (2009) Contextual modulation of stimulus generalization in rats. *Journal of Experimental Psychology: Animal Behavior Processes*, 35, 509-515.
- Harris, A.J.L. & Hahn, U. (2009) Bayesian rationality in evaluating multiple testimonies: Incorporating the role of coherence. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 35, 1366-73.
- Corner, A.J. & Hahn, U. (2009) Evaluating Science Arguments: Evidence, Uncertainty & Argument Strength. *Journal of Experimental Psychology: Applied*, 15, 199-212.
- Hahn, U. & Warren, P.A. (2009) Perceptions of randomness: Why three heads are better than four. *Psychological Review*. 116, 454-461.
- Hahn, U., Close, J. & Graf, M. (2009) Transformation direction influences shape similarity judgments. *Psychological Science*, 20, 447-454.
- Pothos, E.M., Hahn, U. & Prat-Sala, M. (2009) Similarity chains in the transformational paradigm. *European Journal of Cognitive Psychology*, 29, 1100-1120.
- Harris, A.J.L., Corner, A. & Hahn, U. (2009) Estimating the Probability of Negative Events. *Cognition*, 10, 51-64.
- Corner, A. & Hahn, U. (2007) Evaluating the Meta-Slope: Is there a Slippery Slope Argument against Slippery Slope Arguments? *Argumentation*, 21, 349-359.
- Hahn, U. & Oaksford, M. (2007) The burden of proof and its role in argumentation. *Argumentation*, 21, 39-61.
- Prat-Sala, M. & Hahn, U. (2007) Catalan children’s sensitivity to the discourse constraints imposed by different kinds of questions. *Language Learning*, 57, 443-467.

- Hahn, U. & Oaksford, M. (2007) The Rationality of Informal Argumentation: A Bayesian Approach to Reasoning Fallacies. *Psychological Review*, 114, 704-732.
- Hahn, U. & Oaksford, M. (2006) Why a normative theory of argument strength and why might one want it to be Bayesian? *Informal Logic*, 26,1-24.
- Oaksford, M. & Hahn, U. (2006) Non-monotonicity and Informal Reasoning: Comment on Ferguson (2003). *Argumentation*, 20, 245-251.
- Hahn, U. & Oaksford, M. (2006) A Bayesian Approach to Informal Reasoning Fallacies. *Synthese*, 152, 207-23.
- Bailey, T.M & Hahn, U. (2005) Phoneme similarity and confusability. *Journal of Memory and Language*, 52, 339-362.
- Hahn, U. & Bailey, T.M. (2005) What makes words sound similar? *Cognition*, 97, 227-267.
- Hahn, U., Bailey, T.M., Elvin, L.B.C. (2005) Effects of category coherence on category learning, memory, and generalization. *Memory & Cognition*, 33, 289-302.
- Oaksford, M., & Hahn, U. (2004) A Bayesian approach to the argument from ignorance. *Canadian Journal of Experimental Psychology*, 58, 121-131.
- Hahn, U., Chater, N., & Richardson, L.B.C. (2003) Similarity as Transformation. *Cognition*, 87, 1-32.
- Hahn, U. and Heit, E. (2002) Semantic Similarity, *Cognitive Psychology of*. International Encyclopedia of Social and Behavioural Sciences. Elsevier. Pp. 13878-13881
- Hahn, U. (2002) Rule-based Thought. *Encyclopedia of Cognitive Science*. MacMillan.
- Hahn, U. (2002) Similarity. *Encyclopedia of Cognitive Science*. MacMillan.
- Heit, E. & Hahn, U. (2001) Diversity based reasoning in children. *Cognitive Psychology*, 43, 243-273.
- Bailey, T.M., & Hahn, U. (2001) Determinants of wordlikeness: Phonotactics or lexical neighbourhoods? *Journal of Memory and Language*, 44, 568-591.
- Hahn, U., & Nakisa, R.C. (2000) German Inflection: Single or Dual Route? *Cognitive Psychology*, 41, 313-360.
- Pothos, E., & Hahn, U. (2000) So concepts aren't definitions, but do they have necessary *or* sufficient features? *British Journal of Psychology*, 91, 439-450.
- Hahn, U. (1999) Language Acquisition Also Needs Non-Connectionist Models. *Journal of Child Language* 26, 245-248.
- Hahn, U., & Chater, N. (1998) Similarity and Rules: Distinct? Exhaustive? Empirically Distinguishable? *Cognition*, 65, 197-230.
- Hahn, U., & Chater, N. (1998) Understanding Similarity: a Joint Project for Psychology, Case-Based Reasoning and Law. *Artificial Intelligence Review*, 12, 393-427.
- Hahn, U., & Vogel, C. (1997) Notes on Logicism: Formalization and Legal Knowledge. *European Journal of Law, Philosophy and Computer Science*, 1, 331-344.

BOOK CHAPTERS

- Hahn, U. & Harris, A.J.L. (2014) What does it mean to be biased: rationality and motivated reasoning. *The Psychology of Learning and Motivation*, Vol. 61, 41-102.
- Hahn, U. (2014) Similarity. *Wiley Interdisciplinary Reviews: Cognitive Science*, in press. John Wiley & Sons, Inc.
- Hahn, U., Oaksford, M. & Harris, A.J.L. (2013). Testimony and argument: A Bayesian perspective. In, Zenker, F. (ed). *Bayesian Argumentation*. Springer Library. pp. 15- 38.
- Oaksford, M. & Hahn, U. (2013). Why are we convinced by the ad hominem argument? Source reliability or pragma-dialectics? In, Zenker, F. (ed). *Bayesian Argumentation*. Springer Library. pp. 39-58.
- Hahn, U. & Oaksford, M. (2012). Rational Argument. In, Morrison and Holyoak (eds.) *Oxford Handbook of Thinking and Reasoning*. pp. 277-298.
- Chater, N., Oaksford, M., Heit, E., & Hahn, U. (2010) Inductive logic and empirical psychology. In S. Hartmann, & J. Woods (Eds.), *The Handbook of Philosophical Logic (Volume 10)*, Berlin: Springer-Verlag. pp. 553-620.
- Chater, N., Oaksford, M., Heit, E. & Hahn, U. (2010) Bayesian Models of Cognition. *Wiley Interdisciplinary Reviews: Cognitive Science*, 1, 811-823. John Wiley & Sons, Inc.
- Close, J., Hahn, U., Hodgetts, C. & Pothos, E.M. (2010) Rules versus similarity in concept learning, In, D. Mareschal, P.C. Quinn & S. Lea (eds.) *The making of human concepts*. Oxford University Press. pp. 29-52.
- Hahn, U. & Oaksford, M. (2008) Inference from absence in language and thought. In , N. Chater and M. Oaksford (eds.) *The Probabilistic Mind*. Oxford University Press. pp. 121-142.
- Oaksford, M., Chater, N., & Hahn, U. (2008). Human reasoning and argumentation: The probabilistic approach. In J. Adler, & L. Rips (Eds.), *Reasoning: Studies of human inference and its foundations*. Cambridge: Cambridge University Press. pp. 383-413.
- Oaksford, M. & Hahn U. (2007) Induction, Deduction and Argument Strength in Human Reasoning and Argumentation. In A., Feeney & E., Heit (Eds.) *Inductive reasoning*. Cambridge University Press. pp. 269-301.
- Heit, E. Hahn, U. & Feeney, A. (2005) Defending Diversity. In W. Ahn, R. L. Goldstone, B. C. Love, A. B. Markman, & P. Wolff, (Eds.), *Categorization inside and outside of the lab: Festschrift in honor of Douglas L. Medin*. APA Press. Pp. 87-100.
- Hahn, U. and Greenhow, J. (2002) Kategorisierung: Exemplar- vs. Prototypen-Modelle. In, D. Janetzko, M. Hildebrandt & H.A. Meyer (eds.) *Das Experimental-psychologische Praktikum im Labor und WWW*. Hogrefe
- Nakisa, R.C., Plunkett, K., & Hahn, U. (2000) A Cross-linguistic Comparison of Single and Dual-Route Models of Inflectional Morphology. In P. Broeder, & J. Murre (Eds.), *Cognitive Models of Language Acquisition*. Oxford University Press.
- Hahn, U., & Chater, N. (1997) Concepts and Similarity. In K. Lamberts and D. Shanks (Eds.), *Knowledge, Concepts and Categories* (pp. 43-92). Hove, Psychology Press: MIT Press.

Bankowski, Z., White, I., & Hahn, U. (1995) Introduction. In, Z. Bankowski, I. White & U. Hahn (eds.) *Informatics and the Foundations of Legal Reasoning*, Kluwer. pp. 1-72.

BOOKS

Hahn, U. & Oaksford, M. (in prep.) *The Fallacies*. Contracted by Oxford University Press.

Hahn, U., & Ramscar, M. (Eds.) (2001) *Similarity and Categorization*. Oxford University Press.

Ramscar, M., Hahn, U., Pain, H., & Cambouropoulos, C. (Eds.) (1997) *Proceedings of the International Workshop on Similarity and Categorization*, University of Edinburgh 1997. Department of Artificial Intelligence, University of Edinburgh.

Bankowski, Z., White, I., & Hahn, U. (eds) (1995) *Informatics and the Foundations of Legal Reasoning*, Kluwer.

COMMENTARIES & REVIEWS

Hahn, U. (2011) Why rational norms are indispensable. *Commentary on Elqayam and Evans. Behavioral and Brain Sciences*, 34, 257-258.

Hahn, U. (2011) *The Gambler's Fallacy*, Oxford Bibliographies Online.

Hahn, U. (2009) Explaining more by drawing on less. *Commentary on Oaksford, M. & Chater, N. Behavioral and Brain Sciences*, 32, 90-91.

Hahn, U., Frost, J.M., Maio, G.R. (2005) What's in a heuristic. *Commentary on Sunstein, C. Behavioral and Brain Sciences*, 28, 551-552.

Hahn, U. (2005) Is this what the debate on rules was about? *Commentary on Pothos, E. Behavioral and Brain Sciences*, 28, 45-46.

Hahn, U. (2004) Review of 'The Verdict of the Court: Passing Judgment in Law and Psychology by Jenny McEwan'. *Journal of Law and Society*, 31, 629-632.

Hahn, U. (2004) Review of Dietrich & Markman "Cognitive dynamics: Conceptual and representational change in humans and machines. *European Journal of Cognitive Psychology*, 16, 473-475.

Hahn, U. (2002) Information, Information Transfer and Information Processing. *Commentary on Shanker & King: The emergence of a new paradigm in ape language research. Behavioral and Brain Sciences*, 25, 626-627.

Hahn, U. (1999) The dual-route account of German - Where it's not a schema theory it's probably wrong. *Open peer commentary on Clahsen, H. Behavioural and Brain Sciences*, 22, 1024.

Hahn, U., & Chater, N. (1998) Real-world categories don't allow uniform feature spaces - not just across categories but within categories also. *Open peer commentary on Schyns, P.G., Goldstone, R.L., & Thibaut, J. The development of features in object concepts. Behavioural and Brain Sciences*, 21 (1), 28.

Hahn, U., & Chater, N. (1998) The notion of distal similarity is ill-defined. *Open peer commentary on Edelman, S. Representation is representation of similarities. Behavioural and Brain Sciences*, 21, 474.

Chater, N., & Hahn, U. (1998) What *is* the dynamical hypothesis? Open peer commentary on van Gelder, T. *Behavioural and Brain Sciences*, 21, 633.

PAPERS IN REFEREED CONFERENCE PROCEEDINGS

Warren, P., Gostoli, U., Farmer, G., Boyle, M., El-Deredy, W., Howes, A & Hahn, U. (2014) Assessing the 'bias' in human randomness perception. *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*. pp 3072-3077.

Harris, A.J.L., Shah, P., Catmur, C., Bird, G. & Hahn, U. (2013) Autism, optimism and positive events: Evidence against a general optimistic bias. *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*.

Katherine Scott, K., Sakkalou, E., Ellis-Davies, K., Hilbrink, E., Hahn, U. & Gattis, M. (2013) Infant contributions to joint attention predict vocabulary development. *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*.

Close, J., Hahn, U. & Honey, R. (2010) The Influence of Within-Category Structure on Stimulus Similarity and Stimulus Generalization. *Proceedings of the 32nd Annual Meeting of the Cognitive Science Society*. pp. 1619-1624.

Corner, A.J., Harris, A.J.L. & Hahn, U. (2010) Conservatism in Belief Revision and Participant Skepticism. *Proceedings of the 32nd Annual Meeting of the Cognitive Science Society*. Pp. 1625-1630.

Harris, A.J., Corner, A.J. & Hahn, U. (2009) "Damned by Faint Praise": A Bayesian account. *Proceedings of the 31st Annual Meeting of the Cognitive Science Society*. pp. 292-297

Walsh, C.R., Hahn, U. & DeGregorio, L. (2009) Severe Outcomes and their Influence on Judgments of Causation. *Proceedings of the 31st Annual Meeting of the Cognitive Science Society*. pp. 550-554.

Jarvstad, A. & Hahn, U. (2009) Unreliable sources and the conjunction fallacy. *Proceedings of the 31st Annual Meeting of the Cognitive Science Society*. pp. 3034-3039.

Hodgetts, C. , Hahn, U. & Chater, N. (2009) Transformations and Asymmetry. *Proceedings of the 31st Annual Meeting of the Cognitive Science Society*. pp. 2968-2973.

Hodgetts, C. , Hahn, U. & Chater, N. (2009) The role of transformations and structure in the same-different paradigm. *Proceedings of the 31st Annual Meeting of the Cognitive Science Society*. pp. 1400-1405.

Brumby, D.P. & Hahn, U. (2007) Rules and Exemplars in Categorization: A Computational Exploration. *Proceedings of the 29th Annual Meeting of the Cognitive Science Society*. pp. 131-136.

Harris, A., Corner, A. & Hahn, U. (2007) Estimating the probability of negative events. In S. Vosniadou, D. Kayser, & A. Protopapas (Eds.), *Proceedings of EuroCogSci07: The European Cognitive Science Conference* (pp. 353-358). Hove, UK: Lawrence Erlbaum Associates.

Corner, A., Hahn, U. & Oaksford, M. (2006) The Slippery Slope Argument – Probability, Utility & Category Reappraisal. *Proceedings of the 28th Annual Meeting of the Cognitive Science Society*. pp. 1145-1150.

Hahn, U., Oaksford, M. & Bayindir, H. (2005) How convinced should we be by negative evidence? *Proceedings of the 27th Annual Meeting of the Cognitive Science Society*. pp. 887-892.

Hahn, U., Oaksford, M. & Corner, A. (2005) Circular arguments, begging the question and the

formalization of argument strength. Proceedings of AMKCL05 –Adaptive Knowledge Representation and Reasoning. Helsinki. Pp. 34-40.

Hahn, U., Prat-Sala, M., & Pothos, E. (2002) How Similarity Affects the Ease of Rule Application. In Proceedings of the 24th Annual Meeting of the Cognitive Science Society. Mahwah, NJ: Erlbaum.

Hahn, U., Chater, N., & Richardson, L.B. (2001) Similarity: A transformational approach. In Proceedings of the 23 Annual Meeting of the Cognitive Science Society. pp. 393-397.

Heit, E. and Hahn, U. (1999) Diversity-Based Reasoning in Children Age 5 to 8. Proceedings of the Twenty-First Annual Meeting of the Cognitive Science Society. Mahawah, NJ: Erlbaum.

Ramscar, M.J.A. and Hahn, U. (1998). Wittgenstein and the ontological status of analogy. In Holyoak, K, Gentner, D and Kokinov, B (eds.) Advances in Analogy Research , New Bulgarian University Press, Sofia, Bulgaria, pp 390-402.

Hahn, U., Nakisa, R.C., Bailey, T.M., Holmes, M., Kemp, D. and Palmer, L. (1998) Experimental Evidence Against the Dual-Route Account of Inflectional Morphology. Proceedings of the 20th Annual Meeting of the Cognitive Science Society. Mahwah, NJ: Erlbaum.

Bailey, T.M and Hahn, U. (1998) Determinants of Wordlikeness. Proceedings of the 20th Annual Meeting of the Cognitive Science Society. Mahwah, NJ: Erlbaum.

Ramscar, M. and Hahn, U. (1998) What family resemblances are not: The continuing relevance of Wittgenstein to the study of concepts and categories. Proceedings of the 20th Annual Meeting of the Cognitive Science Society. Mahwah, NJ: Erlbaum.

Hahn, U., and Chater, N. (1998) On following rules: When is behavior rule-guided. Proceedings of the 20th Annual Meeting of the Cognitive Science Society. Mahwah, NJ: Erlbaum.

Vogel, C., Collin, C. and Hahn, U. (1997) A Dynamic Semantics for Sense Extension. Veale, T. (ed.) MIND II: Computational Models of Creative Computation.

Chater, N. and Hahn, U. (1997) Representational Distortion, Similarity and the Universal Law of Generalization. Proceedings of the International Interdisciplinary Workshop on Similarity and Categorization. University of Edinburgh.

Hahn, U., Nakisa, R. and Plunkett, K. (1997) The Dual-Route Model of the English Past Tense: Another case where defaults don't help. Proceedings of the GALA97 Conference on Language Acquisition, University of Edinburgh.

Nakisa, R.C. and Hahn, U. (1996) Where Defaults Don't Help: the case of the German Plural System. Proceedings of the 18th Annual Meeting of the Cognitive Science Society, San Diego.

Hahn, U., Chater, N. and Henley, R. (1996) Weighting in Similarity Judgements: an investigation of the "MAX Hypothesis". Proceedings of the 18th Annual Meeting of the Cognitive Science Society, San Diego.

Vogel, C. and Hahn, U. and Branigan, H. (1995) Cross-serial Dependencies Are Not Hard to Process. Proceedings of the 4th International Conference on the Cognitive Science of Natural Language Processing, Dublin.

RESEARCH GRANTS

Warren, P.A., El Deredy, W., Howes, A., Hahn, U., Zank, H. & Talmi, D. (2013-2015) A new perspective on human judgement and decision making as optimal: A framework for behaviour change. Economic and Social Research Council (£250,000).

Gattis, M., Carpenter, M., Hahn, U., & Want, S. (2007-2010). Infant imitation in natural contexts: characteristics, development, and functions. Funded by Leverhulme Foundation (£252,343).

Mareschal, D. et al. (2005): 36 month STREP EU grant to study "From associations to rules in the development of concepts". Five partner collaboration, total value: ca. £880,535; contributing node Cardiff: Pothos, E.M., Hahn, U. & Bailey, T.M., ca. £94,825.

Hahn, U., Pothos, E.M., & Oaksford, M.R. (1999). The role of similarity in rule application. Funded by The Nuffield Foundation (£5,235).

Hahn, U. (1997-1999). Type and token frequency in inflectional morphology. Funded by the British Academy (£3,700).

Hahn, U., & Chater, N. (1999). Testing representational distortion - A new theory of similarity. Funded by The Leverhulme Trust (£10,480).

Pothos, E. & Hahn, U. Features in Conceptual Structure. (1999) University of Wales Academic Support Fund (£11,073)

Maylor, E. & Hahn, U. Age of Acquisition Effects in Young and Elderly. (1998) Research and Training Initiative Fund, Univ. of Warwick (£1444 pounds)

SELECTED TALKS

June 2014, Centre for Adaptive Rationality, Max Planck Institute for Human Development, Berlin: "The accuracy of motivated reasoning."

June 2014, Dept. of Psychology, University of York: "The accuracy of motivated reasoning."

Feb. 2014. Public Lecture, University of Lund: "What makes you think you're right?: Some thoughts on rational argument".

Feb. 2014. Dept. of Philosophy, Lund: "The accuracy of motivated reasoning."

Oct. 2013. Operationalization, 2013, Interdisciplinary Workshop, Freiburg, Germany; Keynote: "Rational argument: from theory to data and back".

June, 2013. Manchester Child Language Seminar, 2013: "Production and comprehension of the plural: Examining converging versus isolated cues."

May 2013. Invited speaker: Methodological Issues in the Special Sciences, Bertinoro, Italy: "Some thoughts on mental causation".

April, 2013. Keynote: Models and Decisions 2013, LMU Munich: "Modelling Human Decision Making: Some Puzzles".

April, 2013. Dept. of Psychology, University of Manchester: "Are people really unrealistically optimistic?".

Mar 2013. Keynote: New Frameworks of Rationality, Schloss Etelson, Germany: "Pessimism about unrealistic optimism".

Feb. 2013, London Judgment and Decision-Making Series, University College London: “Decisions, Variability, and Risk”.

Feb. 2013, Dept. of Psychology, University of Uppsala: “Pessimism about unrealistic optimism”.

Dec. 2012, Dept. of Computer Science, University of York: “What makes things similar?”

Oct. 2012, Invited Speaker: University of Birmingham, Interdisciplinary workshop on human decision-making: “Non-compensatory strategies: a character argument.”

Oct. 2012, International conference "New Directions in the Philosophy of Science", Bertinoro (Bologna): Commentary on Coherence and Ecological Rationality.

Sept. 2012, Invited Speaker: Workshop on Formal Methods in Argument Reconstruction, University of Konstanz: “Bayesian analysis of natural language arguments.”

July 2012, ICT 2012, International Conference on Thinking, London: “The Bayesian Boom: Good Thing or Bad?”

May, 2012, Invited Speaker: International Workshop on Formal, Experimental, and Informal Approaches to Argumentation (FEI2A)University of Toulouse: “Weigh(t)ing arguments.”

March 2012, Dept. of Psychology, Swansea University: “Rational argument, rational inference”.

Feb. 2012, Dept. of Experimental Psychology, Bristol Decision Making Seminar Series: “Experiential limitation, judgment, and decision”.

Dec 2011, Invited speaker, COCONAT 2011 Conference on Computing Natural Reasoning, Tilburg, Netherlands: “Rational Argument: A Bayesian Perspective”.

Sept 2011, Keynote speaker, SIMBAD 2011 Conference on Similarity Based Classification, Venice: “What makes things similar”.

Sept 2011, Workshop on Similarity, Oxford: “What makes things similar”.

Sept. 2011, Keynote Speaker, British Psychological Society Cognitive Section Conference, Keele: “Perceptions of Randomness.”

July 2011, Invited Speaker, 14th International Congress on Logic, Methodology and Philosophy of Science, Nancy, France: “Measuring Argument Strength: A Bayesian Approach”.

June 2011, Invited speaker, Workshop on Adaptive Behavior and Cognition, Plymouth: “Non-compensatory strategies: a character argument.”

June 2011, Keynote speaker, XPrag 2011 conference on Experimental Pragmatics, Barcelona: “Rational argument: where reasoning meets communication.”

May 2011, EuroCogsci 2011, Sofia, Bulgaria: “A Bayesian perspective on testimony”.

May 2011, Dept. of Philosophy, University of Lund, Sweden: “How rational are we?”

May 2011, Lund Philosophical Society: “Fallacies of Argumentation, A Bayesian Approach.”

Oct. 2010, Invited speaker, Workshop on Bayesian Argumentation, University of Lund, Sweden:

“Testimony: A Bayesian Perspective”.

Sept. 2010, Invited speaker, Conference on Pluralism in the foundations of Statistics, Kent: “Experiential statistics: Taking the limitations of our experience into account.”

July 2010, Conference of the International Society for the Study of Argumentation, Amsterdam: “Plausible argument: the problem of evaluation”.

June 2010, Manchester Informatics, University of Manchester: “Expected utility, variability, and risk.”

Mar. 2010, London Judgment and Decision Making Seminars, University College London: “Experiential limitation, judgment, and decision.”

Jan. 2010, Centre for Adaptive Behavior and Cognition, Max Planck Institute for Human Development, Berlin: “What makes things similar?”.

Dec. 2009, Nierstein, Germany, Meeting on Explanation in Psychology: “Strong arguments, weak arguments, and their implications for explanation”.

Nov. 2009, Cognitive Seminar, Dept. of Psychology and Brain Sciences, Indiana University, Bloomington: “What makes things similar?”.

Nov. 2009, Logic Seminar, Dept. of Mathematics, Indiana University, Bloomington: “Fallacies of argumentation”.

July 2009, 31st Annual Meeting of the Cognitive Science Society, Amsterdam: “Argument quality: A Bayesian approach to the fallacies.”

Mar. 2009, Invited speaker Workshop “Comparison and similarity-based classification”, 31st Annual Meeting of the German Linguistics Society (DGfS), Osnabruck, Germany: “What makes things similar”?

Nov. 2008, Tilburg University Institute for Logic and Philosophy of Science, Netherlands: “Perceptions of randomness”.

Sept. 2008, Linguistics Colloquium, University of British Columbia, Vancouver: “Poverty of stimulus and inference from absence”

July 2008, International Association for the Study of Child Language, Edinburgh: “Inference from absence-A Bayesian perspective”.

Jan. 2008, Departmental Seminar, Psychology, Univ. of Winchester: “The relationship between comprehension and production in language development”.

Nov. 2007, Departmental Seminar, Experimental Psychology, Univ. of Bristol: “The rationality of informal argument”.

Oct. 2007, Departmental Seminar, Psychology, Univ. of Reading: “Fallacies of argumentation”

Sept. 2007, Prolog07: The Third Workshop on Combining Probability and Logic, University of Kent, Canterbury: “Explaining the fallacies: Implications for the roles of probability and logic in argumentation”.

Mar. 2007, Invited Speaker, Annual Nant Gwrtheirn Language Acquisition Workshop: “Statistical

learning: power and limitations”.

Dec. 2006, Departmental Seminar, Psychology, Plymouth University: “What makes a good argument?”.

Sept. 2006, Reasoning Workshop in honour of David Over, Birkbeck College, London: “What argumentation tells us about logic”.

June 2006, Invited speaker, conference ‘The probabilistic mind: Prospects for rational models of cognition’, London: “The rationality of informal argumentation: A Bayesian approach to the fallacies”.

Mar. 2006, Dept. of Psychology, Univ. of Liverpool: ”Production before comprehension in language development”.

July 2005, Invited Speaker, symposium on Argumentation at the Meeting of the Society for Text and Discourse, Amsterdam: “Supporting values with other values: Do opposites attract?”

June 2005, Invited speaker, conference on Adaptive models of cognition and language, Helsinki: “Circular arguments, begging the question, and the formalization of argument strength”

Mar. 2005, Dept. of Psychology, Oxford Brookes: “A new look at argumentation fallacies”.

May 2004, Dept. Of Psychology, Univ. of Warwick: “Classic reasoning fallacies reconsidered”.

Mar 2004 Dept. of Psychology, Univ. of Liverpool: “Variability and cognition”.

Mar. 2004 Dept. of Psychology, Univ. of Hertfordshire: “Can production precede comprehension in grammatical development?”.

Jan. 2004 Cognitive Science Institute, Univ. of Osnabrueck, Germany: “How instance similarity influences rule application”.

Nov. 2003 University of Victoria, B.C.: “Variability and cognition”.

Oct. 2003 Stanford University, Developmental Brownbag Series: “A crosslinguistic study of word order development”.

Oct. 2003 Stanford University: “Variability and cognition”.

Oct. 2003 Center for the Study of Language and Information, Stanford: “What do we do with rules”.

June 2003 “Rules and similarity” Invited speaker, conference on concepts and conceptual development. University of Lund, Sweden.

May 2002 “The inflectional morphology debate”, University of Nottingham.

May 2002 “Similarity as transformation”. ESRC Seminar Series “Knowledge, Categories, and Concepts”; Meeting at University College London.

Nov. 1999 “The inflectional morphology debate” Birkbeck College, London.

June 1998 “Rules and similarity” ESRC Seminar Series “Knowledge, Categories, and Concepts”; Meeting at the University of Warwick.

- Dec. 1997 "Exemplar models in language: Applying the Generalized Context Model to inflectional morphology". Presentation as member of the ESRC Seminar Series "Knowledge, Categories, and Concepts"; Meeting at the University of Birmingham.
- Sept. 1997 "Learning to Inflect: Single-route or dual-route?". BPS Developmental Section, Loughborough.
- Sept. 1997 "Experimental evidence against the dual-route account of inflectional morphology." BPS Cognitive Section XIV Annual Conference, Bristol.
- June 1997 "Learning to inflect: Single-route or dual-route?" Invited Talk, Colloquium of the Special Research Group Psycholinguistic Research, Universities of Wuppertal and Dusseldorf, Germany.
- March 1997 "Inflectional morphology: Dual-route, single-route or analogy and filter?" Department of Psychology. Univ. of Exeter.
- Dec. 1996 "Representational distortion: Towards a new theory of similarity". Invited Talk. Workshop on Similarity and Categorization. University of Edinburgh.
- Dec. 1996 "Similarity: A psychological perspective". Department of Artificial Intelligence, University of Edinburgh.
- Sept. 1996 "Representational distortion as a theory of similarity". British Psychological Society: Cognitive Section. XIII Annual Conference, Univ. of Keele.
- Sept. 1996 "Benchmarks for models of similarity". British Psychological Society: Cognitive Section. XIII Annual Conference, Univ. of Keele.
- March 1996 "Deriving feature weights in similarity judgements". Experimental Psychology Society, Bristol.
- 1996 "Similarity: Problems, experiments, modelling". Department of Psychology, Univ. of Exeter.
- Nov. 1995 "Can law be formalized?". Centre for Criminology and the Social and Philosophical Study of Law, Univ. of Edinburgh.
- June 1995 "Formalization, computation, and law". 17th World Congress of the Internationale Vereinigung f'ur Rechtstheorie, Bologna.

PHD STUDENTS

- 1999 - Lucy Richardson (BBSRC-CASE with Unilever)
- 2000 – Andrew Brand (EPSRC)
- 2002 – John-Mark Frost (School of Psychology GTA- as second supervisor with Dr. Greg Maio)
- 2004 – Adam Corner (ESRC)
- 2005 – Adam Harris (ESRC)
- 2006 – James Close (EU FP6 funded)
- 2006 – Carl Hodgetts (EU FP6 funded)
- 2007 – Andreas Jarvstad (ESRC) – British Psychological Society Best Dissertation Award
- 2011 - Katherine Scott (with Dr. Merideth Gattis)

COURSES TAUGHT

Developmental Psychology, year 2 (1996-1998); Introduction to Development (1996-1998); Cognitive Psychology: Concepts and Reasoning (1998-2001), Foundations for the Study of Cognition (Philosophy of Science, Philosophy of Mind & Computation, year 2, 2001 -), Language Development, final year (2000-); Cognitive and Biological Psychology, year 1 (1998-2002).

PROFESSIONAL ACTIVITIES

2008-2012 Associate Editor: Psychonomic Bulletin & Review

2010 – Associate Editor: Frontiers in Cognitive Science

2012 – Senior Editorial Board: Topics in Cognitive Psychology

2009-2010 Editorial Board: Psychological Review

OCCASIONAL REVIEWING

Journals:

Psychological Review; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory and Cognition; Journal of Experimental Psychology: Human Perception and Performance; Cognition; Cognitive Psychology; Journal of Memory and Language; Behavioral and Brain Sciences; Trends in Cognitive Science; Psychonomic Bulletin & Review; Personality and Social Psychology Bulletin; Cognitive Science; Topics in Cognitive Science; Memory & Cognition; Proceedings of the National Academy of Science; Perspectives on Psychological Science; Neuropsychologia; Neuroscience & Biobehavioral Reviews; Journal of Behavioral Medicine; Journal of Mathematical Psychology; Developmental Science; Cognitive Development; Language Learning; Journal of Child Language; Learning and Individual Differences; Applied Psycholinguistics; Lingua; Thinking and Reasoning; Quarterly Journal of Experimental Psychology; Risk Analysis; British Journal of Psychology; Synthese; Philosophy of Science; European Journal of Philosophy of Science; Artificial Intelligence Review; International Journal of Pattern Recognition and Artificial Intelligence; Argumentation; Discourse Processes; Media Psychology; Journal of Applied Logic

Major Conferences: Annual Meeting of the Cognitive Science Society; NIPS (Neural Information Processing Systems)

Funding Bodies:

UK: Nuffield Foundation; Economic and Social Research Council; Medical Research Council; Biotechnology and Biological Sciences Research Council;

International: Israel Science Foundation; National Science Foundation (USA); Deutsche Forschungsgemeinschaft (German national research association); Research Foundation of Flanders, Belgium (FWO); Austrian Science Fund (FWF); Swiss National Science Foundation.

Programme Committees: Annual Meeting of the Cognitive Science Society: Workshop and Tutorial Committee 2010, 2012; Programme Committee 2012, 2013. Conference on Experimental Pragmatics, XPrag 2011. International Conference on Thinking, 2012. Rules 2013.

Panel member, Conference of the Cognitive Science Society Awards Committee: High level modelling award, 2011, 2012.

EXTERNAL EXAMINING

External Examiner, BSc Cognitive Science, University of Hertfordshire

External Examiner BSc Psychology, University College London (2010-2013)

External Examiner PhD: University of Hertfordshire (2003), University of Warwick (2005), City University, London (2008), University of Durham (2010), University of New South Wales, Australia (2011), University of Lund, Sweden (2011), University College London (2013).

Doctoral Committee Member, Psychology & Educational Sciences, Leuven, Belgium (2009)

CONFERENCE ORGANIZATION

International Workshop on Similarity and Categorization, Dept. Of Artificial Intelligence, University of Edinburgh, 1997; Symposium: Argument Quality an Interdisciplinary Perspective, Annual Meeting of the Cognitive Science Society, 2010; Symposium: Argumentation, ICT 2012; Computational Models of Cognition, Birkbeck, 2013;

REFEREES

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