Tobias Gerstenberg

PhD candidate London, UK

Education

 University College London PhD Candidate Title: The Attribution of Responsibility amongst Multiple Agents Supervisors: Dr. David Lagnado & Prof. Nick Chater Research Interests: Theories of causality; Bayesian approaches the Formal models of responsibility attribution 	England Aug 2009 - present to cognition;
• Humboldt University • Course Attendance - Psychology, Computer Science, Philosophy and Theology	Berlin, Germany Oct 2008 - Aug 2009
 University College London MSc Cognitive and Decision Sciences Project: Spreading the Blame - The Allocation of Responsibility at tiple Causes Supervisor: Dr. David Lagnado Project Grade: 90 (out of 100) Overall Grade: 82 (out of 100) 	England Sep 2007 - Sep 2008 mongst Mul-
• Humboldt University • Vordiplom (eqvl. BSc) - Final Grade: 1.6 (from 1 down to 6)	Berlin, Germany Sep 2005 - July 2007
 Scheffel Gymnasium Abitur (eqvl. A-levels) Main Subjects: English, Biology, Mathematics and German Final Grade: 1.0 (from 1 down to 6) 	Bad Säckingen, Germany Sep 1995 - July 2004
Work Experience	
• University College London • Student Member of the Organising Committee for CPB Seminar Series	England July 2011 - June 2012

 Invitation and hosting of speakers (Prof. Michael Waldmann and Prof. Eric-Jan Wagenmakers) for the Cognitive, Perceptual and Brain Sciences (CPB) seminar series

- University College London
- LJDM Seminar Organisation

 Invitation and hosting of speakers for the London Judgement and Decision Making (LJDM) seminar series, www.ljdm.info

- University College London
- Demonstratorship

England Sep 2009 - Sep 2010

July 2010 - June 2012

England

 Advising 2nd year psychology students during the process of running their first experimental studies

•	Community Development Center	Anand, India
•	Social Work	Feb 2009 - Mar 2009
	- Social work at NGO which aims to improve the situation of Dalits, www.	einfachhelfen.
	de	
•	Max Planck Institute for Human Development	Berlin, Germany
•	Research Assistant	Oct 2008 - Aug 2009
	 Project: Development of a causal heuristic for intervention from obse data 	ervational
	– Supervisor: Dr. Björn Meder, Adaptive Behavior and Cognition Grou	ıp
	Magix	Berlin, Germany
•	Internship	June 2005
	– Assistance in human resources department	
•	Martin Luther Hospital	Berlin, Germany
•	Social Service	Sep 2004 - Apr 2005
	- Caring for patients	

Research Visits

Massachusetts Institute of Technology, Boston, USA Apr - June 2011 Collaboration with Prof. Joshua Tenenbaum
Stanford University, Palo Alto, USA Mar - Apr 2011 Collaboration with Prof. Noah Goodman
Max Planck Institute for Economics, Jena, Germany Apr 2010 Collaboration with Dr. Ro'i Zultan

Awards & Scholarships

AXA PhD Scholarship Sep 2009 - present
e-fellows.net Scholarship May 2004 - present
German National Academic Foundation Feb 2006 - Sep 2009
PPG Conference Best Presentation Award, London, England Apr 2012 Award for best oral presentation at the annual conference of UCL's postgraduate peer group (PPG).
UCL Sully Scholarship, London, England Mar 2011 Award for best PhD upgrade talk in the Department of Cognitive, Perceptual, and Brain Sciences, 2010
UCL Bogue Scholarship, London, England Jan 2011 Grant to cover 3-month lab visits to Stanford and MIT
KogWis, Berlin, Germany Oct 2010 Conference travel grant Oct 2010

Max Planck Institute Berlin, Germany	July 2009
University College London, England	Nov 2008
Humboldt University, Berlin, Germany	July 2006

Publications

- Gerstenberg, T. and Goodman, N.D. (2012). Ping Pong in Church: Productive use of concepts in human probabilistic inference. In N. Miyake, D. Peebles, and R.P. Cooper (eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*, pp. 1590–1595. Austin, TX: Cognitive Science Society.
- Gerstenberg, T., Goodman, N.D., Lagnado, D.A., and Tenenbaum, J.B. (2012). Noisy Newtons: Unifying process and dependency accounts of causal attribution. In N. Miyake, D. Peebles, and R.P. Cooper (eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*, pp. 378–383. Austin, TX: Cognitive Science Society.
- Gerstenberg, T. and Lagnado, D.A. (2012). Attributing responsibility: Actual and counterfactual worlds. *submitted manuscript*.
- Gerstenberg, T. and Lagnado, D.A. (2012). When contributions make a difference: Explaining order effects in responsibility attributions. *Psychonomic Bulletin & Review*, 19(4):729–736.
- Lagnado, D.A., Gerstenberg, T., and Zultan, R. (2012). Causal responsibility and counterfactuals. *submitted manuscript*.
- McCoy, J., Ullman, T., Stuhlmüller, A., Gerstenberg, T., and Tenenbaum, J.B. (2012). Why blame Bob? Probabilistic generative models, counterfactual reasoning, and blame attribution. In N. Miyake,
 D. Peebles, and R.P. Cooper (eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*, pp. 1996–2001. Austin, TX: Cognitive Science Society.
- Zultan, R., Gerstenberg, T., and Lagnado, D.A. (2012). Finding fault: Counterfactuals and causality in group attributions. *Cognition*, 125(3):429–440.
- Gerstenberg, T., Ejova, A., and Lagnado, D.A. (2011). Blame the skilled. In C. Carlson, C. Hölscher, and T. Shipley (eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society.*, pp. 720–725. Austin, TX: Cognitive Science Society.
- Gerstenberg, T., Lagnado, D.A., Speekenbrink, M., and Cheung, C. (2011). Rational order effects in responsibility attributions. In C. Carlson, C. Hölscher, and T. Shipley (eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society.*, pp. 1715–1720. Austin, TX: Cognitive Science Society.
- Schächtele, S., Gerstenberg, T., and Lagnado, D.A. (2011). Beyond outcomes: The influence of intentions and deception. In L. Carlson, C. Hölscher, and T. Shipley (eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*, pp. 1860–1865. Cognitive Science Society, Austin, TX.
- Gerstenberg, T. and Lagnado, D.A. (2010). Spreading the blame: The allocation of responsibility amongst multiple agents. *Cognition*, 115(1):166–171.

- Gerstenberg, T., Lagnado, D.A., and Kareev, Y. (2010). The dice are cast: The role of intended versus actual contributions in responsibility attribution. In S. Ohlsson and R. Catrambone (eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society*, pp. 1697–1702. Austin, TX: Cognitive Science Society.
- Meder, B., Gerstenberg, T., Hagmayer, Y., and Waldmann, M.R. (2010). Observing and intervening: Rational and heuristic models of causal decision making. *Open Psychology Journal*, 3:119–135.

Gerstenberg, T. (2008). The allocation of responsibility amongst multiple causes. unpublished MSc thesis.

Conferences	&	Workshops
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Cognitive Science Conference (34 th), Sapporo, Japan	
• Talk: Noisy Netwons: Unifying process and dependency accounts of causal attribution	
• Poster: Ping Pong in Church: Productive use of concepts in human probabilistic inference	
• Poster: Why blame Bob? Probabilistic generative models for counterfactual reason- ing and blame attribution (presented by John McCoy and Tomer Ullman)	
International Conference on Thinking, University College London, UK	July 2012
• Invited Talk in Symposium: Finding fault: Causality and Counterfactuals in Group Attributions	
• Talk: Noisy Netwons: Unifying process and dependency accounts of causal attribu- tion	
'Towards Consilience' Workshop, London Business School, UK	May 2012
'Personal and Shared Intentions' Workshop, MPI Berlin, Germany	May 2012
• Invited Talk: How intentions and deception influence attributions of responsibility in groups	
Postgraduate Peer Group Conference, Cumberland Lodge, UK	Apr 2012
• Talk: Noisy Newtons - People's intuitive understanding of physics explains their causal attributions; 1st prize in the oral presentation competition	
Tagung experimentell arbeitender Psychologen, Mannheim, Germany	Apr 2012
• Talk: Noisy Newtons: Unifying process and dependency accounts of causal attribu- tion	
CEU Conference on Cognitive Development, Budapest, Hungary	Jan 2012
• Invited Talk in Symposium: Noisy Newtons: People's intuitive understanding of physics explains their cause and prevention judgments	
Experimental Philosophy Workshop, Sheffield, England	$\mathrm{Sep}\ 2011$
SPUDM conference (23 rd), Kingston, England	Aug 2011

• Talk: On perceived criticality and expected effort	
• Talk: Rational order effects in responsibility attributions	
Cognitive Science Conference (33 rd), Boston, USA	July 2011
• Talk: Rational order effects in responsibility attributions	
• Poster: Beyond outcomes: The influence of intentions and deception	
• Poster: Blame the skilled	
European Association of Social Psychology Conference, Stockholm, Sweden	July 2011
• Talk in Symposium: Rational order effects in responsibility attributions	
International Conference on Behavioral Decision Making, Israel	Mar 2011
 Poster: Responsibility Attributions in Teams; 2nd prize in the conference poster competition (presented by Ro'i Zultan) 	
KogWis, Potsdam, Germany	Oct 2010
• Poster: The Allocation of Responsibility amongst Multiple Agents	
Actual Causation Workshop, Konstanz, Germany	Sep 2010
Cognitive Science Conference (32 nd), Portland, Oregon	Aug 2010
• Poster: The Dice are Cast: The Influence of Intended versus Actual Contributions on Responsibility Attribution	
Mathematical Psychology Conference, Portland, Oregon	Aug 2010
AXA Talent Day, Paris, France	June 2010
• Poster: The Dice are Cast: The Influence of Intended versus Actual Contributions on Responsibility Attribution	
Cognitive Science and Machine Learning Summer School, Sardinia, Italy	May 2010
EPS/SEPEX Joint Conference, Granada, Spain	Apr 2010
• Talk: The Dice are Cast	
SPUDM Conference (22 nd), Rovereto, Italy	Aug 2009
• Poster: Allocation of Responsibility amongst Multiple Agents	
Summer Institute, Max Planck Institute Berlin, Germany	July 2009
 Poster: Allocation of Responsibility amongst Multiple Agents; 2nd prize in the poster competition 	
MICRAC Workshop, Toulouse, France	June 2009
• Talk: Allocation of Responsibility amongst Multiple Agents	
PsyPag Conference, Manchester, England	July 2008

• Talk: Presentation of MSc thesis (honourable mention)

Invited Presentations	
University of Leicester, England – Invited Speakers Series	2012
Oxford University, England – Special Seminar (Dr. Christopher Summerfield)	
University Göttingen, Germany – Lab meeting (Dr. Ralf Mayrhofer)	
Massachusetts Institute of Technology, Boston, USA – Computational Cognitive Science Group (Prof. Josh Tenenbaum) – CogLunch of the Cognitive Science Department	2011
Stanford University, Palo Alto, USA – Lab meeting (Prof. Noah Goodman)	
Decision Technology, London, England – Research seminar series	2010
University College London, England – London Judgement and Decision Making Group	
Max Planck Institute for Economics, Jena, Germany – Strategic Interaction group seminar (Prof. Werner Güth)	
University Göttingen, Germany – Cognitive and Decision Sciences seminar (Prof. Michael Waldmann)	2009
Humboldt University, Berlin, Germany – Philosophy of Mind seminar (Prof. Michael Pauen)	

Ad Hoc Reviews

Oxford Studies of Experimental Philosophy	Oct 2012
Quaterly Journal of Experimental Psychology	Feb 2012 - present
Psychonomic Bulletin and Review	Oct 2011 - present
Cognition	June 2011 - present
Cognitive Science Conference Proceedings	Jan 2011 - present

Teaching Experience

UCL MSc lecture: Theoretical frameworks of responsibility attribution	2012
UCL 1 st year undergraduate psychology lab class: Causal attribution	
UCL 1 st year undergraduate psychology lab class: Responsibility attribution	2011

Skills & Interests

- Languages
 - German (native), English (fluent), Spanish (basic), French (basic)
- Software
 - MATLAB, Flash, Dreamweaver, Illustrator, IATEX, SPSS, MS-Office
- Interests
 - Beachvolleyball, Chess, Yoga, Cycling, Music, Literature, Meditation

References

Dr. David A. Lagnado

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Prof. Nick Chater

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