Tom Baden, PD PhD

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Positions Held

June 2016 –	University of Sussex, Brighton, UK. Senior Lecturer in Neuroscience (www.badenlab.org).
June 2016 –	Federation of European Neurosciences (FENS) KAVLI Network of Excellence. Fellow
Nov. 2015 –	www.Open-Labware.net, Founder. >100,000 hits and downloads of own designs/publications.
Jan. 2012 –	TReND in Africa: Co-Founder and Co-Director (www.TReNDinAfrica.org).
Sept. 2010 – May. 2016	University of Tübingen, CIN/BCCN. Germany. Res. Fellow in lab of T Euler.
Sept. 2008 – Aug. 2010	MRC-LMB, Cambridge, UK. Career Development Fellow in lab of L Lagnado.
Sept. 2007 – Aug. 2008	University of Cambridge, Girton College, UK. Graduates vice president and acting president.

Publication Summary

Peer reviewed	>25 publications, >600 citations, h-index 12. I_{10}-index 14
	Incl. Nature (x2), Nat. Neursci., Nat. Rev. NSci., Neuron (x2), PLoS Biol. (x2), Curr Biol. (x2).

Education

Jan. 2016	University of Tübingen, Medical Faculty, Habilitation in Experimental Ophthalmology.
June 2012	Bernstein Computational Vision Summer School, Germany.
June 2005	Marine Biological Assoc. of the UK: “E-phys. Techniques” Summer School, Plymouth, UK.
Sept. 2004 – April 2008	University of Cambridge, UK, Department of Zoology, Ph.D in lab of B Hedwig.
July 2002 – Sept. 2002	University of Cambridge, UK. Department of Zoology, Internship in lab of H Krapp.
Oct. 2001 – June 2004	University of Cambridge, UK, Girton College, B.A. and M.A. honours in Natural Sciences.
July 2000 – Aug. 2001	University of Bonn, Germany. Institut für Neuropathologie, Internship in lab of I Blümcke.

Grants and Fellowships

Dec. 2017	MRC Discovery Award (beneficiary within larger grant). with Miguel Maravall.
March 2016	Wellcome Trust / Royal Society Sir Henry Dale Fellowship. (gratefully declined).
Oct. 2015	ERC-starter grant NeuroVisEco 677687.
May 2015	Internal “pool” grant at CIN Tübingen, with T Euler and A Arrenberg.
May 2015	Beneficiary in European Training Network (ETN) grant “Switchboard”.
July 2014	DFG grant (Sachbeihilfe: BA 5283/1-1).
June 2014	National Institutes of Health (NIH) – Co-I on successful multi PI application.
Jan. 2013 – Jan. 2014	Tübingen University, *Fortüne* Junior Grant.
Sept. 2012 – Aug. 2014	Eliteprogram der Baden-Württemberg Stiftung für PostDocs.
Nov. 2011 - present	Several “teaching” project grants through TReND in Africa.
Sept. 2004 – July 2008	Full BBSRC Research Scholarship: University Fees and Maintenance.

Sept. 2004 – July 2008	Cambridge University, European Trust: Bursary and Fellowship.
Sept. 2004 – July 2008	Cambridge University, Isaac Newton Trust: European Research Studentship.
Sept. 2004 – July 2008	Cambridge University, Department of Zoology: Balfour Stipend.
July 2004	Cambridge University, Girton College: Graduate Scholarship.
July 2002 – Sept. 2002	Cambridge University, Department of Zoology: J A Ramsay Scholarship.

Awards and Prizes

Jan 2017	Medical faculty, University of Tübingen. Paper of the Year award (/w P Berens & K Franke).
July 2016	MIT Technology Review, Europe. "Innovators under 35"
June 2016	Federation of European Neurosciences (FENS)-KAVLI Network of Excellence. Fellow.
June 2015	Cambridge Univ. Technology and Enterprise Club (CUTEC) 3D Printing Innovation Award.
Jan. 2014	Retina Suisse Award 2014 ("Senior" Speaker's Prize).
Oct. 2013	Tübingen Graduate School for Neuroscience: Teaching award.
Sept. 2013	Tübingen University, Attempto Prize.
Sept. 2013	European Vision Institute: "Young Researcher in Focus".
May 2013	Rank Prize Meeting Computational Vision, Grasmere, UK: Speaker's Prize.
Sept. 2012	Kiel Institute for World Economy: Global Economic Fellowship.
Oct. 2011	*Journal of Visual Neuroscience:* Young Investigators Prize.
2005 - 2013	total of 13 Conference Travel Awards.
Feb. 2005 and June 2006	Cambridge University, Neuroscience/Graduate seminars, 2 Poster Prizes.
July 2004	Cambridge University, Girton College: John B Buckley Scholarship and Edith Neal Prize.
July 2003	Cambridge University, Girton College: John B Buckley Scholarship and Ming Yang Lee Prize.

Organisation (selection)

June 2017	Entebbe, Uganda. Society of Neurosci. of Africa (SONA) Organiser. www.SONA2017.org.
Sept. 2015	Brighton, UK. European Retina Meeting – Satellite Symp. organiser (/w T Euler & P Berens).
Sept. 2015	Heidelberg, Germany. BCCN symposium organiser (/w P Berens).
Aug. 2015	Dar es Salaam, Tanzania. TReND school on Neuroscience. 3 weeks.
May 2015	Addis Ababa, Ethiopia. Course on 3D printing and Electronics. 2 weeks.
March 2015	Durban, South Africa. SONA symposium on Open Source Science.
March 2015	Durban, South Africa. IBRO school on Open Source in Science, 5 days.
Dec. 2014	Nairobi, Kenya, IBRO school on Behavioural Neuroscience, 3 days.
Aug. 2014	University of Dar es Salaam, Tanzania, IBRO Neuroscience school. 3 weeks.
June 2013	Rabat, Morocco. Society of Neuroscientists in Africa – Symposium chair and co-organiser
March 2013	Göttingen, German Society for Neuroscience Meeting – Symposium co-chair and organiser
Summer 2011 – 2013	Kampala International University, Uganda, 3 weeks / year.
June 2011 – 2016	Tübingen University "Cellular & Molecular Neuroscience" – 1-3 lectures and 3 tutorials / year.
Winter 2011 –2016	Tübingen University "Scientific Data Analysis and Programming" – 3 lectures / year.

Invited Talks (selection)

	>40 invited scientific talks at international conferences and meetings is the past 5 years
Jan. 2017	Cambridge, UK. Dept. Physiology Development and Neuroscience.
March 2016	Lisbon, Portugal. European Zebrafish PI Meeting.
Oct. 2015	TEDxStuttgart, Stuttgart, Germany
Oct. 2015	Brighton, UK. European Retina Meeting.
Jan. 2015	Champalimaud Centre for the Unknown, Lisbon, Portugal.
Dec. 2014	DANDRITE, Nordic EMBL Node – Aarhus University, Aarhus, Denmark.
Oct. 2014	Max Planck Institute for Neurobiology, Martinsried, Germany.
Sept. 2014	Signal Transform in the Early Visual System. HHMI Janelia Farm, USA.
Sept. 2014	IBRO Global Advocacy Symposium. Kinshasa, DRC.
May 2013	Rank Prize Meeting: Computational Vision. Grasmere, UK.
May 2013	Assoc. for Research in Vision and Ophthalmology (ARVO). Seattle, Washington, USA.
Oct. 2012	Global Economic Symposium. Rio de Janeiro, Brazil.
July 2012	FASEB. Steamboat Springs, Colorado, USA.
Nov. 2011	Falling Walls Conference. Berlin, Germany.
June 2011	61st meeting of Nobel Laureates: Masterclass with R Tsien. Lindau, Germany.

Press (selection)

March 2016	Fortschritt Marke Eigenbau. MIT Technology Review, Germany.
March 2016	Open Hardware pioneers push for low cost lab equipment. Nature News 531:7593.
Jun. 2015	Lindau, Germany. TV panel discussion on Science in Africa. ARD-alpha.
Jun. 2015	Radio Interview on science in Africa (by Meyer, A.). Deutschlandfunk.
Jun. 2015	Das Labor aus dem Drucker. (by Eberhard, B.). Süddeutsche Zeitung.
May 2015	Teaching DIY Neuroscience[..]. (by CQ Choi), How we get to next, PBS/BBC.
April 2015	PLoS featured Reddit “Ask me anything” (AMA, /w A Chagas).

Other Information

Editor / Curator	HardwareX (Elsevier), PLoS Open Hardware collection.
Referee	Neuron, Nature Communications, Curr Biol., eLife, J Neurosci., PLoS Comp. Biol., PLoS *One*, JoVE, J Neurophys.
Languages	German (mother tongue), English (fluent, C2), Spanish (intermediate B1), French, Polish, Italian (basic A1)