Employment

2023-	Visiting Professor, Norwegian University of Science and Technology
2021-	Advisory Board, Spectricity
2020-	Advisory Board, Vital Signs Solutions Ltd
2019-2024	EPSRC Established Career Fellow
2019-	Apple Inc
2018-2021	Visiting Professor, The University of Leeds
2011-2019	Founder, Director and CSO for Spectral Edge Ltd
2010-2019	Consultant, Apple Inc.
2008-	Adjunct Professor, Simon Fraser University, Vancouver, Canada
2006-2010	Founder, Director and CTO, Imsense Ltd.
2000-2001	Founder, Colour Research Ltd.
1999-2000	Founder, Lightseer Ltd.
1999-	Professor of Computing Sciences, University of East Anglia
1997-1999	Reader, the Colour & Imaging Institute at the University of Derby
1997-	Consultant for the Imaging Industry including, Hewlett Packard, Foveon, Sony and Buhler-Sortex
1995-1997	Lecturer, Department of Computer Science, The University of York
1989-1995	Research and Teaching Assistant, Simon Fraser University

Education

	Degree	Year	Subject
Simon Fraser University	PhD	1995	Computing Sciences
Simon Fraser University	MSc	1992	Computing Sciences
University of Strathclyde	BSc	1989	Computer Science

Awards, Distinctions and Fellowships

2019	IS&T Raymond C. Bowman Award
2019	Elected VP Conferences, Society of Imaging Science and Technology
2019	VISTA Distinguished Visiting Scholar, York University, Canada, $10,000 (CDN)
2018	Innovation Fellowship, University of East Anglia, £25,000
2013	Fellowship of the Institute of Engineering Technology
2012	Fellowship of the Royal Photographic Society
2010	Fellowship of the Society of Imaging Science and Technology
2009	International Imaging Industry, award for Imsense's eye-fidelity technology for Dynamic Range Correction
2009	Davies medal, Royal Photographic Society for outstanding contributions to the photographic industry
2008	Royal Society-Wolfson Merit Award, £50,000
2002	Philip Leverhulme Prize for Science, £50,000
1999	Offered full professorship at the age of 30 (Youngest in the history of the University of East Anglia)
1995	Dean's medal for the Faculty of Applied Science at Simon Fraser University

Grants

Grants	Value	*Start*	*Finish*
EPSRC/T024593	£99,665	Jan 2020	Jul 2022
Norwegian Research Council (ES616166)	£10,000	Oct 2019	Jun 2025
EPSRC/S023917 [CDT]	£6,908,130	Apr 2019	Sep 2027
EPSRC/S028730 [Fellowship]	£1,045,000	Sep 2019	July 2025
EPSRC/P007910	£29,625	Feb 2017	Jan 2020
EPSRC/M001768	£434,816	Feb 2015	Feb 2019
EPSRC/J0005223	£465,218	Sep 2012	Nov 2016
EPSRC/I028455	£63,742	Dec 2010	Aug 2011
EPSRC/H022236	£643,759	May 2010	Nov 2015
EPSRC/E012248	£327,017	Oct 2006	April 2010
EPSRC/R65978	£242,584	June 2002	May 2005
EPSRC/L60852	£234,170	June 1998	Oct 2001

Industry Funding

	Value	Start	Finish
Apple Inc.	£240,000	Dec 2019	Dec 2025
Vital Signs Solutions	£75,000	Oct 2022	Sep 2025
Spectricity	£95,000	Oct 2021	Sep 2024
Apple Inc	$242,000	Jan 2019	July 2022
Apple Inc	$528,000	Jun 2014	Jul 2018
Innovate UK + Spectral Edge Ltd	£24,000	Sep 2012	Feb 2013
Apple Inc	£160,000	Jul 2010	Jun 2014
Sortex Ltd (various small grants)	£169,000	Jun 2005	Dec 2019
Hewlett Packard Inc	£211,000	Jun 1999	Sep 2003
AGFA	£54,000	Oct 1999	Sep 2002

Investment

	Value	Start	Finish
Imsense Ltd (various sources)	∼ £3,000,000	Jun 2007	July 2010
Spectral Edge Ltd (various sources)	> £6,000,000	Mar 2014	Nov 2019

Best Paper Prizes

1. Y. Lin and G.D. Finlayson, "Per-Channel Regularization for Regression-Based Spectral Reconstruction". The Colour and Visual Computing Symposium, 2020.

2. G.D. Finlayson and Y. Zhu, "Using a Simple Colour Pre-Filter to Make Cameras more Colorimetric", 26th Colour & Imaging Conference, 2018.

3. C. Andersen and G.D. Finlayson, "Estimation of an Individual's Human Cone Fundamentals from their Color Matching Functions", Color in Grap., Imag. and Vision, 2010.

4. G.D. Finlayson and P. Morovic, "Human Visual Processing: Beyond 3 sensors," IEE Visual Information Engineering, 2005.

The Colour & Imaging Laboratory

Lab Director: Professor Graham David Finlayson

The UEA Colour & Imaging Lab carries out world leading research in 3 broad areas. (1) Perception: bridging the gap between Human and Machine Vision (including, physics-based computer vision and computational photography), (2) Algorithms, especially fast implementations of signal processing methods and (3) Image Engineering (including the physics of image formation, image processing and computer vision). The group's research spans problems ranging from Dynamic Range Compression and Image Fusion to understanding and extending the capabilities of Photographic Processing Pipelines.

Current Staff

Professor Graham Finlayson, Dr Michal Mackiewicz and Dr Hane Aung (all faculty). Dr Elahe Daneshvar, research fellow. Visiting: Profs Mark Drew (Simon Fraser) U., Dr Javier Vazquez (U. Autonoma Barcelona), Steve Westland (U. of Leeds) and Dr Ji Zhou (NIAB).

Current PhD students

James Bennett , Sean Chow, Geoff French, Chloe Game, Artjoms Gorpincenko, Brandon Hobley, Asfaneh Karami, Yi-Tun Lin, Jake McVey and Andy Rowlands,

Impact

At UEA, the Colour & Imaging Lab is preeminent across the entire university in working with industry and transferring its ideas into commercial products. Imsense Ltd and Spectral Edge Ltd - respectively founded in 2006 and 2011 - were the first and second companies to to successfully 'exit' at UEA . Both companies were acquired by Apple Inc. (Imsense in 2010 and Spectral Edge in 2019). The Colour & Imaging Lab has patented many inventions and these are deployed in the products of our industrial partners. **The Colour & Imaging Lab's algorithms** *ship* **in 100s of millions of imaging devices**.

Facts and Figures (Finlayson)

Publications	80+ Journal and 230+ refereed conference papers
PhD students	25+ PhD students graduated
Citations	$\sim$ 15,600, h-index 58 and i10-index 170+
	(i) by H-index, in the top 200 of UK's most cited computer scientists
	(ii) most cited researcher for google search terms "color science" and' "color perception"
Patents	30+ patents
	(1 in 8 of all patents filed at UEA)
Invited Talks	> 150