Curriculum Vitae

Michael A. Webster
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http://www.unr.edu/neuroscience

Positions Held

Current

Professor 2003-present	Psychology Department, University of Nevada, Reno Graduate Programs in Cognitive and Brain Sciences and Biomedical Engineering
Director 2012-present	Center for Integrative Neuroscience (NIH Center of Biomedical Research Excellence – COBRE)
Co-Director 2008-present	Neuroscience BS Degree Program
Co-Director 2015-present	Graduate Program in Integrative Neuroscience

Previous

Assoc Chair 2007-2013	Psychology Department, University of Nevada, Reno
Director 1999-2003	Graduate Program in Cognitive and Brain Sciences, Psychology Department, University of Nevada, Reno

Academic Training

1988-1994	Postdoctoral Research Fellow, University of Cambridge, UK
1981-1988	Ph.D. Psychology, University of California, Berkeley
1976-1981	B.A. Psychology, University of California, San Diego
1978-1979	Study Abroad Program: American University in Cairo, Egypt

Honors and Awards

2019	Verriest Medal, International Colour Vision Society
2019	University of Nevada, College of Science Westfall Scholar Mentor
2013	ARC Center for Cognition and its Disorders Associate Investigator, School of Psychology, University of Western Australia
2012	Invited member, Faculty of 1000
2011	University of Nevada Outstanding Researcher Award
2007	Senior Scholar Mentor, College of Liberal Arts, University of Nevada

2006 University of Nevada Foundation Professor
2000 Fellow, Optical Society of America
1998 Western Psychological Association Outstanding Researcher Award
1992 Fellow, Jesus College, University of Cambridge
1979 Phi Beta Kappa, University of California, San Diego

Grants and Fellowships

2023 "Center for Integrative Neuroscience Phase III: Administrative Supplement for Team Science" National Institute of General Medical Sciences, P30 (GM145646, COBRE years 11-15), 9/1/23 – 5/31/24, $347,141, Role: Principal Investigator

2022 "Center for Integrative Neuroscience: Phase III," National Institute of General Medical Sciences, P30 (GM145646, COBRE years 11-15), 7/15/22 – 5/31/27, $5,366,768, Role: Principal Investigator

2022 "CC* Compute: Nevada bridge to AI-enabled scientific and engineering computing (NvBAISEC)," NSF (2201599), $396,237, Role: Co-Principal Investigator (Alireza Tavakkoli, PI), 7/1/2022-6/30/2024.

2020 "A non-intrusive ocular monitoring framework to model ocular structure and functional changes due to long-term spaceflight," NASA (80NSSC20K1831), $149,840, Role: Co-Investigator (Alireza Tavakkoli, PI), 8/27/2020-8/26/2021

2020 "Sequential reading effects in digital breast tomosynthesis," National Cancer Institute R01 (CA237827, years 1-4), 8/14/2020-5/31/2024, $1,624,470; Role: Co-Principal Investigator (Margarita Zuley, Andriy Bandos, Craig Abbey, Co-PIs)

2020 "Annual meeting of the Vision Sciences Society: Travel grants for junior investigators," National Eye Institute, R13 (EY030356, years 2-4), 4/1/2020-3/31/2023, $180,000, Role: Co-Principal Investigator – delayed due to pandemic

2019 "Characterizing and improving adaptation to multifocal contact lenses," Johnson and Johnson Vision Research Contract, 4/1/2019-8/31/2020, $126,282, Role: Principal Investigator

2019 "Adaptation and visual coding," National Eye Institute, R01 (EY-10834, years 18-22), 5/1/19-4/30/24, $1,783,630, Role: Principal Investigator

2019 "Annual meeting of the Vision Sciences Society: Travel grants for junior investigators," National Eye Institute, R13 (EY030356), 4/1/2019-3/31/2020, $47,210, Role: Co-Principal Investigator

2019 "Contextual modulation in high-level vision," Australian Research Council (DP190100491), 4/1/2019-3/31/22, $280,320, Role: Partner Investigator (Colin Clifford, Chief Investigator)

2018 Facebook Reality Labs, Unrestricted Academic Gift, 10/15/18, $25,000

2017 "Center for Integrative Neuroscience: Phase II," National Institute of General Medical Sciences, P20 (GM103650, years 6-10), 9/1/17 – 5/31/22, $10,562,363 Role: Principal Investigator

2013 "Adaptation and visual coding," National Eye Institute, R01 (EY-10834, years 15-17), 8/1/13-7/31/16, $843,769 , Role: Principal Investigator

2012 "Center for Integrative Neuroscience: Phase I," National Institute of General Medical Sciences, P20 (GM103650, years 1-5), 9/6/12 – 5/31/17, $9,775,626 Role: Principal Investigator

2006 "Adaptation and visual coding," National Eye Institute, R01 (EY-10834, years 10-14), 4/1/06 – 3/31/11, $1,259,300, ROLE: Principal Investigator

2006 "Visual Illusions Exhibit for UNR Fleischmann Planetarium," Optical Society of America Foundation, 8/1/06 start date, $5000

2005 "Adaptation and aging," Sanford Center for Aging Collaborative Pilot Grant,

	7/1/05 start date, $20,000
2005	“Adaptation and visual exploration,” Nevada NASA EPSCoR Collaborative Pilot Grant,1/1/05 start date, $39,610
2002	Supplement to Promote the Recruitment of Individuals with Disabilities into Biomedical Careers (supplement to EY-10834), 8/1/02 start date, $43,254
2000	“Salience, adaptation, and natural image statistics,” National Eye Institute, R01 (EY-10834, years 6-9), 8/1/00-7/31/04, $714,855, ROLE: Principal Investigator
1994	“Contrast adaptation and the statistics of natural images,” National Eye Institute, R29 (EY-10834, years 1-5), 12/1/94-11/30/99, $479,852, ROLE: Principal Investigator
1992	Private Patients Plan Visiting Fellowship in Medicine, Jesus College, Cambridge
1991	NIH NRSA Competing Continuation Fellowship
1990	Isaac Newton Trust Fund, Trinity College, Cambridge
1989	NIH NRSA Postdoctoral Fellowship
1988	NSF NATO Postdoctoral Fellowship
1981	University Graduate Fellowship, University of California, Berkeley

Professional Experience

2013	Visiting Professor, University of the Basque Country, San Sebastian, Spain
2003-present	Professor, Department of Psychology and Graduate Program in Biomedical Engineering, University of Nevada, Reno
2000	Visiting Scientist, School of Optometry, Medical Research Foundation, Chennai India (while on sabbatical from UNR for Fall, 2000)
1998-2003	Associate Professor, Department of Psychology and Graduate Program in Biomedical Engineering, University of Nevada, Reno
1994-1998	Assistant Professor, Department of Psychology, University of Nevada, Reno
1988-1994	Postdoctoral Fellow and Research Associate, Department of Experimental Psychology, University of Cambridge
1981-1988	Research and Teaching Assistant, Psychology Department, University of California, Berkeley
1980-1981	Research Assistant, Psychology Department, University of California, San Diego

Program Development

2018	Founded and led the proposal to develop a formal Institute for Neuroscience at UNR (approved by the Board of Regents in June 2018). The institute functions to bridge and promote the neuroscience research and degree programs at the university.
2015	Founded and led the proposal to develop an interdisciplinary MS/PhD degree program in Integrative Neuroscience at UNR. Program approved March, 2015 and begun in June, 2015.
2012	PI and Director for NIH COBRE (Center of Biomedical Research Excellence) for Integrative Neuroscience. Center supports junior faculty research and mentoring and core resources including establishing a new fMRI facility.
2009	Founded and co-direct the interdisciplinary BS degree in Neuroscience at UNR.

The degree is the first to span two colleges at UNR and currently has >500 Majors

Professional Service

2023-present	Invited to External Advisory Committee for NEI T32 Training Grant, UC Berkeley (pending renewal of grant)
2020-present	Editorial Board, Journal of Vision
2020	Special Issue Guest Editor (with Derya Akkaynak, Iain Couzin, and Nir Sapir), Frontiers Ecology and Evolution: Vision in limited visibility: optical properties, image formation, and evolutionary adaptations in attenuating media
2018	Local organizer, Workshop in EEG Frequency-tagging in Visual Neuroscience: Conceptual and Technical Advances, UNR, Sept 24-27
2018	Local Organizer, OSA Fall Vision Meeting, UNR, September 20-23
2017-present	External Advisory Committee, NIH COBRE Center for Neurodegeneration and Translational Neuroscience, Cleveland Clinic Lou Ruvo Center for Brain Health, Las Vegas
2017-present	Associate Editor, Journal of Perceptual Imaging
2017-2021	Board of Directors, Vision Sciences Society
2016-present	Board of Directors, International Colour Vision Society
2016-2023	Chair, External Advisory Committee, NIH COBRE Center for Visual and Cognitive Neuroscience, North Dakota State University
2015-2017	Davida Teller Award Committee, Vision Sciences Society
2015-2016	Tillyer Award Committee, Optical Society of America
2012-present	Program Committee, Human Vision and Electronic Imaging Conference
2008-2023	Editorial Board, Vision Research
2006-present	Program Committee, International Symposium on Visual Computing
2003-2009	Topical Editor (Color Vision), Journal of the Optical Society of America A
2003-2005	Chair, Vision and Color Division, Optical Society of America
2001-2016	Program Review Board, Vision Sciences Society
2001-2003	Technical Group Vice-Chair and Chair, Optical Society of America Color Section

Invited Talks and Colloquia

Upcoming talks

Nov 2023	Department of Linguistics, University of Delhi, India (virtual)

Past talks

Oct 2023	Meta Reality Labs, Redmund, WA
Sep 2023	Campus Callosum, Burning Man, Black Rock City
Aug 2023	Instructor, International Colour Vision Society Summer School, University of Oxford
Jul 2023	Psychology Department, University of Luxembourg
Jul 2023	Université de Lorraine – CNRS France
Jul 2023	Department of Psychology, University of Regensburg Germany
Jul 2023	Color Vision Workshop, Justus-Liebig University, Giesen Germany
Jun 2023	Symposium for the 100th Anniversary of Optometry and Vision Science, UC Berkeley
Mar 2022	Keynote Speaker, 20th Dr E Vaithilingam Memorial Scientific Session, Elite School of Optometry, Chennai, India (virtual)
Feb 2022	International Institute of Information Technology, Hyderabad, India (virtual)

Feb 2022	Leverhulme Doctoral Programme Seminar, University of Sussex, UK (virtual)
Nov 2021	Justus Liebig University Giessen (virtual)
Sep 2021	International Society of Presbyopia Webinar
July 2021	India Vision Institute Symposium (virtual)
Apr 2021	Discover Science Lecture, College of Science, University of Nevada, Reno (virtual)
Apr 2021	Last Lecture Series, Residence Halls, University of Nevada, Reno (virtual)
Feb 2021	Science Podcast, University of Nevada, Reno
Feb 2021	Physics and Astronomy Department, University of British Columbia (virtual)
Feb 2021	Sir John Stebbings Lecture, Symposium Mammographicum, UK (virtual)
Feb 2021	Invited session talk, Symposium Mammographicum, UK (virtual)
Jan 2021	Palmer Lecture, Colour Group (GB) (virtual)
Dec 2020	Vision Journal Club II, University of Washington (virtual)
Nov 2020	Vision Journal Club I, University of Washington (virtual)
Aug 2020	ICVS Colour Vision Summer School (virtual)
July 2020	Virtual Symposium, American Association of Physicists in Medicine Conference
June 2020	Webinar, Optical Society of America (786 registered attendees)
Apr 2020	Kharkevich Institute for Information Transmission Problems, Russian Academy of Sciences, Moscow, Russia (cancelled due to COVID19)
Dec 2019	Smith Kettlewell Eye Research Institute, San Francisco CA
Nov 2019	Sapien Labs Virtual symposium on Inter and Intra Person Variability in the Human Brain
Oct 2019	Rochester Institute of Technology
Oct 2019	Northeastern University
Sep 2019	Center for Vision Science, University of Rochester
Aug 2019	Chiba University, Japan
July 2019	Asia Pacific Vision Conference, Osaka, Japan
July 2019	Verriest Lecture, International Colour Vision Society, Riga, Latvia
Apr 2019	Natural Environments, Tasks and Intelligence Conference, University of Texas, Austin
Apr 2019	Keynote Speaker, Spring Research Day, Center for Cognitive Science, University of Minnesota (invited keynote by graduate students)
Mar 2019	Webinar, Inter-Society Color Council
Feb 2019	Keynote Address, SPIE Symposium on Medical Imaging, San Diego, CA
Nov 2018	Institute for Mathematical and Behavioral Sciences, University of California Irvine
Nov 2018	Cleveland Clinic Lou Ruvo Center for Brain Health, Las Vegas, NV
Oct 2018	Synesthesia Lecture, Reno Philharmonic Orchestra, University of Nevada, Reno
July 2018	Munsell Centennial Color Symposium, Inter-society Color Council and International Colour Association, Boston, MA
May 2018	Johnson and Johnson Vision Care, Jacksonville, FL
Nov 2017	Department of Psychological and Brain Sciences, University of California, Santa Barbara
Aug 2017	Catholic University of Louvain, Belgium
July 2017	Johnson and Johnson Vision Care, Jacksonville, FL
Mar 2017	Chuo University, Japan
Mar 2017	Chiba University, Japan
Feb 2017	Wavefront Congress, Sano Jose, CA
Oct 2016	Color Conference, University of Regensburg, Germany
July 2016	Department of Ophthalmology, University of British Columbia
June 2016	Cleveland Clinic Lou Ruvo Center for Brain Health, Las Vegas, NV
May 2016	Department of Cognitive Sciences, University of California, Irvine

Apr 2016	Boyd School of Law, UNLV
Jan 2016	LV Prasad Eye Institute, Hyderabad, India
Sep 2015	Presentation to NSHE Board of Regents, Reno, NV
May 2015	Western Psychological Association, Las Vegas, NV
Mar 2015	Russell De Valois Memorial Lecture, University of California, Berkeley
Feb 2015	Bay Area Vision Research Day, University of California, Berkeley
April 2014	Department of Psychology, University of Nevada, Las Vegas
Feb 2014	International Congress on Wavefront and Presbyopic Correction, Dana Point, CA
Nov 2013	Department of Psychology, University of the Basque Country, San Sebastian
Nov 2013	Department of Anthropology, University of the Basque Country, San Sebastian
Sep 2013	Basque Center for Brain, Cognition, and Language, San Sebastian
May 2013	Mind Research Network, University of New Mexico
Apr 2013	Department of Psychology, University of California, San Diego
Feb 2013	Department of Psychology, University of California, Berkeley
Feb 2013	Human Vision and Electronic Imaging, San Francisco, CA
Sep 2012	Symposium on Color and the Natural Environment, OSA Vision Meeting, Rochester
Sep 2012	Optics and Adaptational Limits, Marie Curie Network Summer School, Madrid
July 2012	Keynote Speaker for Cognitive Neuroscience IDEA Conference, North Dakota State University
April 2012	Department of Psychology, University of Western Australia
April 2012	Symposium on Art and Science of Face Perception, Art Gallery of New South Wales, Sydney
Nov 2011	Department of Psychology, North Dakota State University
Sep 2011	Symposium on Presbyopia, American Academy of Optometry, Boston
June 2010	Cold Springs Harbor Summer Course in Computational Neuroscience
May 2010	Symposium on Myopia, Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL
Mar 2010	International Colorimetry Conference, Royal Society, London
Jan 2010	Sankara Nethralaya Medical Research Foundation, Chennai, India
Oct 2009	School of Optometry, University of California, Berkeley
Sep 2009	Vision and Cognition Symposium, I. Beritashvili Institute of Physiology, Tbilisi Georgia
Aug 2009	Cognitive Science Association for Interdisciplinary Learning, Hood River, OR
July 2009	International Colour Vision Society, Braga, Portugal
July 2009	Institute of Optics, Madrid
Dec 2008	Color Cognition Group, University of California, Irvine
Aug 2008	Gordon Research Conference on Sensory Coding and the Natural Environment, Il Ciocco, Italy
June 2008	Allen L. Edwards Lecturer, Department of Psychology, University of Washington
May 2008	Biomedical Engineering Program, University of Southern California
May 2008	Department of Psychology, University of California, Santa Barbara
May 2008	Northern Nevada Optometry Association
Mar 2008	Department of Psychology, Colorado State University
Feb 2008	Annual Interdisciplinary Conference, Jackson Hole, WY
Jan 2008	Cambridge Research Systems Lecturer, Colour Group, London UK
Jan 2008	Department of Ophthalmology, City University, London
Jan 2008	Craik Club, Physiological Laboratory, University of Cambridge
Nov 2007	Reno-Tahoe Photonics Group, Reno NV
Oct 2007	Psi Chi, University of Nevada, Reno
Aug 2007	Perception Lecture Series, Chiba University, Japan

May 2007	Symposium on Individual Differences, Vision Sciences Society, Sarasota FL
Mar 2007	School of Optometry, University of California, Berkeley
Mar 2007	Department of Psychology, University of California, Davis
Mar 2007	Vision Science Program, University of California, Davis
Feb 2007	Society for Psychological Anthropology, Los Angeles, CA
Feb 2007	Rank Prize Symposium on Self-Calibrating Systems, Windermere, UK
Feb 2007	Banquet Speaker, Human Vision and Electronic Imaging, San Jose, CA
Nov 2006	First International Conference on Presbyopia, Barcelona, Spain
Oct 2006	Moderator, Color Symposium, OSA Vision Meeting, Rochester, NY
Jul 2006	Guest Lecturer, Elite School of Optometry, Chennai, India
May 2006	Moderator, Color Session, Vision Science Society, Sarasota, FL
May 2006	Symposium on Blur, Association for Research in Vision and Ophthalmology, Ft Lauderdale, FL
Mar 2006	Workshop on Adaptation, Computational and Systems Neuroscience (COSYNE), Park City, UT
Feb 2006	Symposium on Face Perception, University of Gottingen
2005	Department of Psychology, University of Texas at Dallas
2005	OSA Vision Meeting, Tucson, Arizona
2004	Fall Vision Meeting, Symposium on Image Quality, University of Rochester
2004	Cognitive Science Program, SUNY Buffalo
2004	School of Optometry, Indiana University
2003	Department of Psychology, University of California, San Diego
2003	Vision Sciences, University of California, San Diego
2003, 2004	Psi Chi Club, University of Nevada, Reno
2003	Department of Psychology, University of California, Santa Cruz
2003	Department of Psychology, Harvard University
2003	New England School of Optometry
2002	Federal University of Pernambuco, Recife, Brazil
2002	Conference of the Federation of the Societies for Experimental Biology, Salvador, Brazil
2002	Session leader (color), Sensory Coding and the Natural Environment: Probabilistic Models of Perception, Gordon Research Conference, Mt Holyoke College, MA
2002	Department of Psychology, University of Texas at Austin
2002	Keynote Speaker, Conference on Human Vision and Electronic Imaging, San Jose, CA
2001	UC Irvine / Optical Society of America Satellite Symposium on Color and Vision, Irvine CA
2001	International Conference on Image Processing, Thesoloniki, Greece
2001	Department of Neuroscience, Wisconsin Medical College
2001	School of Optometry, University of California, Berkeley
2001	Sharp Labs, Vancouver, WA
2000	Sankara Nethralaya, Chennai, India
1999	Department of Psychology, University of California, San Diego
1999	Department of Psychology, University of California, Berkeley
1999	Smith-Kettlewell Eye Research Institute, San Francisco, CA
1999	Outstanding Researcher Award Address, Annual Meeting of the Western Psychological Association, Irvine CA
1998	Symposium on Adaptation, Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL
1998	Computer Science Department, University of Nevada, Reno

1997	NIMH-Sponsored Workshop on Natural Scene Statistics, Hancock, MA
1997	Department of Psychology, University of California, San Diego
1997	Department of Cognitive Science, University of California, Irvine
1997	School of Optometry, University of California, Berkeley
1997	Center for Neuroscience, University of California, Davis
1996	Symposium of the Colour Group of Great Britain, Durham, UK
1996	Psychology Department, University of California, Santa Barbara CA
1996	Workshop on Natural Images, NIPS Conference (Neural Information Processing Systems), Snowmass CO
1995	Joint Scientific / Industrial Symposium on the Perception of Whiteness, Meeting of the Optical Society of America, Portland, OR
1995	Psychology Department, University of California, Berkeley CA
1995	Seminar on Neurocomputation, Woods Hole Marine Biology Laboratory MA
1988, 91, 94	Colour Group of Great Britain, London, UK
1993	Experimental Psychology Society, Oxford University
1989, 93, 96	Craik Club, Physiological Laboratory, University of Cambridge
1992	Neurologische Klinik, Universitatsspital, Zurich, Switzerland
1992	Center for Visual Science, University of Rochester, Rochester, NY
1991	Neurologische Klinik, Universitat Frieburg, Frieburg, Germany
1983	School of Optometry, University of California, Berkeley CA

Manuscript Reviewer

Attention, Perception and Performance
Behavioral and Brain Sciences
Cerebral Cortex
Cognition
Cognitive Brain Research
Color Research and Application
Color Vision and Color Deficiencies
Current Biology
eLife
European Conference on Visual Perception
IEEE Transactions on Image Processing
Investigative Ophthalmology and Vision Science
iPerception
iScience
Journal of Comparative Physiology
Journal Electronic Imaging
Journal of Experimental Psychology: Applied
Journal of Experimental Psychology: Human Perception and Performance
Journal of Neuroscience
Journal of the Optical Society of America A
Journal of the Royal Anthropological Institute
Journal of Vision
Nature
Nature Communications
Nature Neuroscience
Nature Reviews Neuroscience
Neuroimage
Neuron

Oxford University Press (book proposal)
Perception
Perception and Psychophysics
Perceptual and Motor Skills
Proceedings of the National Academy of Sciences
Psychological Science
Spatial Vision
Trends in Cognitive Science
Visual Neuroscience
Vision Research
Vision Sciences Society (abstracts)

Grant Reviewer

2022 11	NIH Study Section, COBRE Phase III
2022 07	NIH Study Section, COBRE Phase I
2021	DoD Congressionally Directed Medical Research Program
2021	NIH Study Section, NEI Clinical, Secondary Data Analysis and Conference Applications
2020 11	NIH Study Section, NEI R13 grants
2020 06	NIH Study Section, COBRE Phase I
2020 02	NIH Study Section, NEI R13 grants
2019	NIH Study Section, NIGMS SCORE grants
2019	NIH Study Section, COBRE Phase I
2018	NIH Study Section, COBRE Phase II renewals
2014	NIH Study section, Sensory, Perceptual and Cognitive Processing
2013	NIH Study Section, Member conflict – Neurobiology of Active Vision
2012	NIH Study section, Sensory, Perceptual and Cognitive Processing
2012	Research Grants Council of Hong Kong
2004	The Israel Science Foundation
2003 09	The Wellcome Trust (UK)
2002 03 09	National Science Foundation
2002 04	NIH, NRSA awards

Membership in Professional Societies

2009	International Colour Vision Society
2001	Vision Sciences Society
2001	American Psychological Society
1998	Society for Imaging Science and Technology
1997	Western Psychological Association
1995	Optical Society of America
1995	Rocky Mountain Psychological Association
1992	Experimental Psychology Society (UK)
1986	Association for Research in Vision and Ophthalmology

Public Exhibits

2007-2012	“Perceptual Relativity” Exhibit on perceptual illusions, Fleischmann Planetarium, University of Nevada, Reno (Featured in Optics and Photonics News, January, 2008)

2005 “Rural India” Photography exhibit based on field work in Maharashtra, India; Getchell Library, University of Nevada, Reno

Publications

1. MacLeod, D.I.A. and Webster, M.A. (1983). Factors influencing the color matches of normal observers. In Mollon, J.D. and Sharpe, L.T. (Eds.), Colour Vision: Physiology and Psychophysics, Academic Press, London.

2. Webster, M.A. and De Valois, R.L. (1985). Relationship between spatial-frequency tuning and orientation tuning of striate-cortex cells. Journal of the Optical Society of America A 2, 1124-1132.

3. De Valois, R.L., Webster, M.A., De Valois, K.K., and Lingelbach, B. (1986). Temporal properties of brightness and color induction. Vision Research 26, 887-897.

4. Webster, M.A. and MacLeod, D.I.A. (1988). Factors underlying individual differences in the color matches of normal observers. Journal of the Optical Society of America A 5, 1722-1735.

5. MacLeod, D.I.A. and Webster, M.A. (1988). Direct psychophysical estimates of the cone pigment absorption spectra. Journal of the Optical Society of America A 5, 1736-1743.

6. Webster, M.A., De Valois, K.K., and Switkes, E. (1990). Orientation and spatial frequency discrimination for luminance and chromatic gratings. Journal of the Optical Society of America A 7, 1034-1049.

7. Webster, M.A. and Mollon, J.D. (1991). Changes in colour appearance following post-receptoral adaptation. Nature 349, 235-238.

8. Webster, M.A. (1992). A Reanalysis of □max variations in the Stiles and Burch 10 deg color matching functions. Journal of the Optical Society of America A 9, 1419-1421.

9. Webster, M.A. and Mollon, J.D. (1993). Contrast adaptation dissociates different measures of luminous efficiency. Journal of the Optical Society of America A 10, 1332-1340.

10. Webster, M.A. and Mollon, J.D. (1994). The influence of contrast adaptation on color appearance. Vision Research 34, 1993-2020.

11. Webster, M.A. and Mollon, J.D. (1995). Colour constancy influenced by contrast adaptation. Nature 373, 694-698.

12. Webster, M.A., Wade, A. and Mollon, J.D. (1996). Color in natural images and its implications for visual adaptation. In Rogowitz, B.E. and Allebach, J.P. (Eds.), Human Vision and Electronic Imaging, SPIE 2657, 144-152.

13. Webster, M.A. (1996). Human colour perception and its adaptation. Network: Computation in Neural Systems 7, 587-634.

14. Webster, M.A. and Mollon, J.D. (1997). Motion minima for different directions in color space. Vision Research 37, 1479-1498.

15. Webster, M.A. and Miyahara, E (1997). Contrast adaptation and the spatial structure of natural images. Journal of the Optical Society of America A 14, 2355-2366.

16. Webster, M.A. and Mollon, J.D (1997). Adaptation and the color statistics of natural images. Vision Research 37, 3283-3298.

17. Webster, M.A, and MacLin, O.H. (1998). Visual adaptation and the perception of distortions in natural images. In Rogowitz, B.E. and Pappas, T.N. (Eds.), Human Vision and Electronic Imaging, SPIE 3299, 264-273.

18. Webster, M.A., Raker, V.E. and Malkoc, G. (1998). Visual search and natural color distributions. In Rogowitz, B.E. and Pappas, T.N. (Eds.), Human Vision and Electronic Imaging, SPIE 3299, 498-509.

19. Webster, M.A. (1999). Contrast sensitivity under natural states of adaptation. In Rogowitz, B.E. and Pappas, T.N. (Eds.), Human Vision and Electronic Imaging, SPIE 3644, 58-70.

20. Webster, M.A. and MacLin, O. (1999). Figural after-effects in the perception of faces. Psychonomic Bulletin and Review 6, 647-653.

21. Webster, M.A. and Malkoc, G. (2000). Color-luminance relationships and the McCollough Effect. Perception and Psychophysics 62, 659-672.

22. Webster, M.A., Miyahara, E., Malkoc, G. and Raker, V.E. (2000). Variations in normal color vision: I. Cone-opponent axes. Journal of the Optical Society of America A 17, 1535-1544.

23. Webster, M.A., Miyahara, E., Malkoc, G. and Raker, V.E. (2000). Variations in normal color vision: II. Unique hues. Journal of the Optical Society of America A 17, 1545-1555.

24. Webster, M.A. and Wilson, J.A. (2000). Interactions between chromatic adaptation and contrast adaptation in color appearance. Vision Research 40, 3801-3816.

25. MacLin, O.H. and Webster, M.A. (2001). Influence of adaptation on the perception of distortions in natural images. Journal of Electronic Imaging 10, 100-109.

26. Crognale, M., Nolan, J.N., Webster, M.A., Neitz, J., and Neitz, M. (2001). Color vision and genetics in a case of cone dysfunction syndrome. Color Research and Application 26, S284-S287.

27. Webster, M.A., Webster, S.M., MacDonald, J. and Bharadwadj, S. (2001). Adaptation to blur. In Rogowitz, B.E. and Pappas, T.N. (Eds.), Human Vision and Electronic Imaging, SPIE 4299, 69-78.

28. Webster, S.M., Webster, M.A., Taylor, J., Jaikumar, J. and Verma, R. (2001). Simultaneous blur contrast. In Rogowitz, B.E. and Pappas, T.N. (Eds.), Human Vision and Electronic Imaging, SPIE 4299, 414-422.

29. Webster, M.A. (2001). Visual adaptation and the relative nature of perception. ICIP 2001 Proceedings Vol. II, 8-11.

30. Werner, J.S. and Webster. M.A. (2002). Color vision is object and form vision. 9th Congress of the International Colour Association, SPIE 4421, 10-15.

31. Webster, M.A. (2002). Adaptation, high-level vision, and the phenomenology of perception. In Rogowitz, B.E. and Pappas, T.N. (Eds.), Human Vision and Electronic Imaging, SPIE 4662, 1-11.

32. Webster,M.A., Georgeson, M.A. and Webster, S.M.(2002). Neural adjustments to image blur. Nature Neuroscience 5, 839-840.

33. Webster, M.A., Webster, S.M., Bharadwadj, S., Verma, R., Jaikumar, J., Madan, J. and Vaithilingam, E. (2002). Variations in normal color vision: III. Unique hues in Indian and U.S. observers. Journal of the Optical Society of America A, 19, 1951-1962.

34. Webster, M.A., Malkoc, G., Bilson, A. C., and Webster, S.M. (2002). Color contrast and contextual influences on color appearance. Journal of Vision 2, 505-519.

35. Nolan, J.N., Crognale, M.A. and Webster, M.A. Colour naming, colour categories, and central colour coding in a case of x-linked incomplete achromatopsia. In Normal and Defective Colour Vision,J.D. Mollon,, J. Pokorny, and K. Knoblauch, Eds. (Oxford University Press, Oxford, 2003) 370-377.

36. Webster, M.A. Light adaptation, contrast adaptation, and human colour vision. In Colour Perception: Mind and the Physical World, R. Mausfeld and D. Heyer, Eds. (Oxford University Press, Oxford, 2003), pp. 67-110.

37. Webster, M.A.. A background to color vision. Commentary for 'Contrast Colours," by P. Whittle. In Colour Perception: Mind and the Physical World, R. Mausfeld and D. Heyer, Eds. (Oxford University Press, Oxford, 2003), pp. 139-141.

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