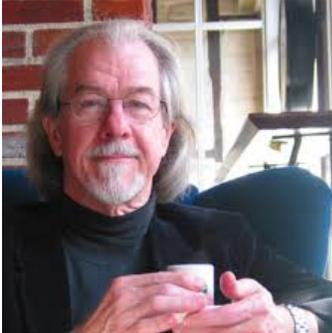


Speakers and Participant List:

Brent Berlin



Contact: Graham Perdue Emeritus Professor of Anthropology & Director of Center for Latin American and Caribbean Studies, University of Georgia, Athens. Email: obberlin@gmail.com

Relevant reading: (1) Berlin, B., & Kay, P. (1969). *Basic color terms: their universality and evolution*. Berkeley and Los Angeles, California: University of California Press. (2) Berlin, B., & Berlin, E.A. (1975). *Aguaruna Color Categories*. *American Ethnologist*.

Brief biography: Berlin is well known in the field of ethnobiology, or the study of how people name, use, and organize the names and the knowledge about the plants and animals around them. He also focused on Folk biology, a sub field of ethnobiology, which refers to the biological classification and reasoning particular to cultural group. Berlin's contribution to the evolution of ethnobiology as a field has been invaluable to many anthropologists. Considering "a series of landmark publications concerning ethnobiological classification, Berlin has remained a prime architect of the descriptive and analytic frameworks now widely regarded as standard and major theory." From *Wikipedia*.

David Bimler



Contact: Dr David Bimler Health and Human Development Massey University Private Bag 11-222 Palmerston North New Zealand. Email: d.bimler@massey.ac.nz

Relevant reading:

https://www.researchgate.net/publication/328469001_Chapter_12_Divergence_and_shared_conceptual_organization_Cognition_language_and_beyond

<https://www.osapublishing.org/josaa/abstract.cfm?uri=josaa-35-4-B184>

<https://onlinelibrary.wiley.com/doi/full/10.1002/col.22076> A similarity-based cross-language comparison of basicness and demarcation of "blue" terms

<https://link.springer.com/article/10.3758/BF03213126> Research note: A multidimensional scaling comparison of color metrics for response times and rated dissimilarities

Angela Brown



Contact Information: Professor at Ohio State University, College of Optometry. Email: brown.112@osu.edu Phone: (614) 292-4423 Website: <https://u.osu.edu/visualperceptionlaboratory>

Relevant Reading:

<http://www.pnas.org/content/pnas/103/44/16608.full.pdf>

<http://www.pnas.org/content/pnas/early/2009/11/06/0910981106.full.pdf>

Biography: Brown is an experimental psychologist who studies the sensory development of the human visual system. Her primary area of research is visual development, and includes work on visual acuity, contrast sensitivity and contrast discrimination, infant color vision, and infant vernier acuity. She also collaborates with Prof. Delwin T. Lindsey in studies of the naming of colors by people around the world. So far, they have worked extensively on American English, Japanese, and Somali, and they have also studied the naming and understanding of colors by the Hadza people of Tanzania, one of the last remaining hunter-gatherer societies in the world.

Bevil Conway



Contact: Investigator and Chief of the Unit on Sensation, Cognition and Action Laboratory of Sensorimotor Research, National Eye Institute. Phone: 301-594-3238
Email: bevil@nih.gov

Relevant reading:

<http://journals.sagepub.com/doi/pdf/10.1177/1073858408331369>

<http://www.jneurosci.org/content/jneuro/30/45/14955.full.pdf>

Brief biography: Bevil Conway is a neuroscientist and artist. Conway specializes in visual perception in his scientific work, and he often explores the limitations of the visual system in his artwork. Much of Conway's research is guided by the underlying thought that visual art can be used to reveal insights about how visual information is processed. He currently runs the Sensation, Cognition and Action laboratory in the Laboratory of Sensorimotor Research at the National Eye Institute.

Richard Cook



Contact: Senior Researcher at the International Computer Science Institute at Berkley.
Email: rscook@icsi.berkeley.edu

Relevant reading:

Kay, P., Berlin, B., Maffi, L., Merrifield, W. R., & Cook, R. (2009). *The world color survey*. Stanford: CSLI Publications.

<http://www.pnas.org/content/pnas/102/23/8386.full.pdf>

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.69.7229&rep=rep1&type=pdf>

Brief biography: While a linguistics graduate student at UC Berkeley, he began working for ICSI's World Color Survey (WCS) under the direction of Professor Paul Kay, migrating WCS data to modern computing systems, preparing the online data archive, performing statistical analysis of the data, and, with Kay, preparing project findings for electronic and print publication. He is currently project director of the Eastern Han Chinese Dictionary Translation.

Nicole Fider



Contact: Visiting Assistant Professor, Department of Mathematics, University of California, Irvine. Office: 410X Rowland Hall. Email: nfider@uci.edu

Relevant reading:

<https://www.osapublishing.org/josaa/abstract.cfm?uri=josaa-35-4-B165>

<https://www.osapublishing.org/josaa/abstract.cfm?uri=josaa-34-8-1285>

Biography: Received her PhD in Mathematics from the University of California, Irvine in 2018. Continues doing work related to modeling, data analytics, and applying numeric methods of color categorization phenomena.

Maryam Gooyabadi



Contact: Graduate Student, Institute for Mathematical Behavioral Sciences, UC Irvine. Office: SSPA 2101. Email: mgooyaba@uci.edu

Relevant reading:

<https://www.imbs.uci.edu/research/MBS%2018-05.pdf>

<https://www.imbs.uci.edu/research/MBS%2018-02.pdf>

Brief biography: Currently researching uses of evolutionary game theory and other computational dynamics to study social phenomenon. Recent research includes investigations of evolutionary dynamics underlying (1) the development of shared linguistic meaning in simulated populations, (2) the formation and evolution of ideologies. Submitted manuscript “Further evolution of natural categorization systems: A new approach to evolving color concepts” investigates the effectiveness of using evolutionary game theoretical dynamics to model linguistic convention formation based on color categorization data.

Kimberly A. Jameson



Contact: Project Scientist in the Institute for Mathematical Behavioral Sciences, UC Irvine. Office: SSPA 2137. (949) 824-5582. Cellular: (949) 232-8885. Website: <http://imbs.uci.edu/~kjameson/kjameson.html>. Email: kjameson@uci.edu. ColCat Archive: <https://colcat.calit2.uci.edu/archive>

Relevant reading:

<http://www.imbs.uci.edu/~kjameson/JamesonEtAlHVEI2016.pdf>

http://www.imbs.uci.edu/~kjameson/JamesonKomarovaJOSA2009_1.pdf

http://www.imbs.uci.edu/~kjameson/JamesonKomarovaJOSA2009_2.pdf

<http://www.imbs.uci.edu/~kjameson/KomarovaJamesonJTB2008.pdf>

Brief biography: Presently lead researcher responsible for preservation, transcription, digitalization, and public-access dissemination of the Robert E. MacLaury color categorization archive. She publishes on color perception and photopigment opsin genetics in normal, impaired and clinical populations; mathematical modeling of color category evolution among communicating artificial agents; individual variation and universals in human color cognition and perception; and investigating the ways individuals name and

Kirbi Joe



Contact: Graduate Student, Institute for Mathematical Behavioral Sciences, UC Irvine. Office: SSPA 2101. Email: joek@uci.edu

Relevant reading:

<https://www.imbs.uci.edu/research/MBS%2018-02.pdf>

<https://www.imbs.uci.edu/research/MBS%2018-05.pdf>

Brief biography: Kirbi C. Joe is currently a Mathematical Behavioral Sciences Ph.D. student at the University of California, Irvine. She has background in the fields of mathematics, economics, and computer science. Currently, she is working on research projects pertaining to the evolution of shared color-naming systems in linguistic societies, the modeling of human color perception and its relation to various color vision phenotypes, and also does experimental work on interpersonal utility comparisons.

Paul Kay



Contact: Professor Emeritus, Department of Linguistics, University of California, Berkeley. Email: paulkay@berkeley.edu

Relevant reading:

Berlin, B. & Kay, P. (1969). Basic color terms: their universality and evolution. Berkeley and Los Angeles, California: University of California Press.

<http://www.pnas.org/content/pnas/100/15/9085.full.pdf>

Brief biography: Paul Kay is Professor of Linguistics, Emeritus, University of California at Berkeley and Senior Research Scientist at International Computer Science Institute at Berkeley. He is best known for his work with anthropologist Brent Berlin on color: Basic Color Terms: Their Universality and Evolution (1969). More recently, he has worked in the area of Construction Grammar with Charles J. Fillmore. He is currently working on an extension of Construction Grammar called Sign-Based Construction Grammar, authoring a book on this topic with Charles J. Fillmore, Ivan Sag and Laura Michaelis.

Natalia Komarova



Contact: Chancellor's Professor, Dept. of Mathematics, University of California, Irvine. Office: Rowland Hall, 540 J. Office number: (949)-824-1268. Email: komarova@uci.edu

Relevant reading:

<https://www.sciencedirect.com/science/article/abs/pii/S0022249607000351>

<https://www.sciencedirect.com/science/article/pii/S0022519308001549>

Biography: My interests lie in the interface between mathematical and life sciences. I try to formulate interesting questions in areas of biology, medical and social sciences and linguistics, in the language of mathematics. Then I try to find answers to these questions by developing applied math techniques. The main unifying topic is evolution. One of the general areas of application are Mathematical modeling of complex social phenomena which includes Learning and evolution of language, Historical dynamics, and Color categorization.

Delwin Lindsey



Contact: Professor of Psychology, Ohio State University, Mansfield Campus. Email: lindsey.43@osu.edu Phone: (410) 755-4359

Relevant Reading:

<http://www.pnas.org/content/pnas/103/44/16608.full.pdf>

<http://www.pnas.org/content/pnas/early/2009/11/06/0910981106.full.pdf>

Biography:

Delwin Lindsey is a professor of psychology at the Mansfield campus of Ohio State University. His research focuses on human vision, with particular emphasis on color vision. Recent research interests lie at the intersection of color perception and cognition: the factors that can explain individual differences in color categorization, and the degree to which color appearance is influenced by how individuals think about color. His research combines empirical and computational approaches to the study of color naming, visual search and color difference scaling.

Contact: Cognitive Sciences, UCI. Email: lnarens@uci.edu

Louis Narens



Relevant reading:

http://www.imbs.uci.edu/~kjameson/ConventionArticle_revision.pdf

http://www.imbs.uci.edu/~lnarens/2007/KomorovaEtAl_JMP_2007.pdf

Brief biography: Ph.D. Mathematics, University of California, Los Angeles. Professor of Cognitive Sciences, and Psychiatry and Human Behavior, and Logic and Philosophy of Science, and Graduate Advisor for IMBS. Research areas: Measurement theory, foundations of science, decision theory, evolutionary game theory, quantum cognition.

Contact: Professor of Psychology, Liverpool Hope University, UK. Office: HCAEW 026. Office phone No.: + 44 (151) 291 3534. Website: <http://www.hope.ac.uk/staff/parameg.html>. Email: parameg@hope.ac.uk

Relevant reading:

<https://onlinelibrary.wiley.com/doi/full/10.1002/col.22190>

<http://jaic.jsitservices.co.uk/index.php/JAIC/article/view/155/128>

http://hira.hope.ac.uk/id/eprint/494/1/Paramei%20%26%20Oakley_JOSA%20A%202014_Post-print.pdf

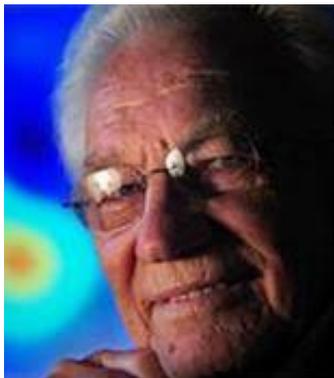
<https://www.jbe-platform.com/content/books/9789027291707>

Brief biography: Research specialism is in color vision psychophysics and color cognition. Her publications on low-level processing describe color spaces in individuals with congenital and acquired color vision deficiencies and, more recently, chromatic discrimination across the lifespan in normal trichromats. She also publishes on color naming, in Russian and Italian, with particular interest in referential meaning of two blue basic categories in these languages. She is co-editor of collective monographs *Anthropology of Color: Interdisciplinary Multilevel Modeling* (2007) and *Progress in Colour Studies: Cognition, Language and Beyond* (2018), both John Benjamins, Amsterdam/Philadelphia.

Galina Paramei



A. Kimball Romney



Contact: Professor Emeritus, Department of Anthropology, University of California, Irvine. Office: SSPA 2139, 949-824-6797 Email: akromney@uci.edu

Relevant reading: Relevant reading: [Cultural, gender, and individual differences in perceptual and semantic structures of basic colors in Chinese and English](#), CC Moore, AK Romney, TL Hsia, *Journal of Cognition and Culture* 2 (1), 1-28

Brief biography: Professor Romney's recent research has focused on human color vision ranging from cross-cultural studies of color perception to representing physical reflectance spectra in low dimensional Euclidean space. Other research interests include comparative cognitive studies of semantic structures, the measurement of cultural knowledge using culture consensus theory, & multidimensional scaling. He received his B.A. from Brigham Young University (1947) in sociology, his M.A. from Brigham Young University (1948) in sociology, his Ph.D. from Harvard University (1956) in Social Anthropology, Social Relations Department. 1955-56 Assistant Professor, at the University of Chicago. 1957-60. Assistant Professor, Stanford. 1960-66 Associate Professor, Stanford. 1960-65 Director, Anthropological Research, Stanford. 1966-68 Professor, Harvard University. 1969-71 Dean, Social Sciences, UC Irvine. 1969-1995 Professor, UC Irvine. 1995- Research Professor, UC Irvine. 1956-57. Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford. 1994 - Fellow, American Academy of Arts & Sciences. 1995- Member, National Academy of Sciences

Terry Regier



Contact: Professor, Linguistics and Cognitive Science, UC Berkeley. Email: terry.regier@berkeley.edu

Relevant reading:

<http://lclab.berkeley.edu/publications.php>

<http://www.pnas.org/content/104/4/1436.short>

<http://www.pnas.org/content/pnas/102/23/8386.full.pdf>

Brief biography: Director of the Language and Cognition Lab. My research investigates the relation of language and cognition, through computational methods, behavioral experiments, and cross-language semantic data. Research interests: Why do semantic categories vary across languages in the ways they do? How do native-language categories shape cognition and perception?

Mari Uusküla



Contact: Associate Professor of Linguistics and Translation Theory at School of Humanities Tallinn University, Estonia. Office: +372 6409385 Cellular: +37256636380
https://www.etis.ee/CV/Mari_Uusk%C3%BCla/est?tabId=CV_ENG

Relevant readings:

<https://www.osapublishing.org/josaa/viewmedia.cfm?uri=josaa-35-4-B184&seq=0>

<https://www.folklore.ee/folklore/vol64/colour.pdf>

http://jcolore.gruppodelcolore.it/numeri/pdf/R09_2018/R09_2018_ART4.pdf

<https://www.osapublishing.org/josaa/abstract.cfm?uri=josaa-31-4-A332&origin=search>

Brief bibliography: Presently at Tallinn University leading a colour group and Translation curricula. PI, research grant “Areal or universal: Basic colour terms in the Baltic Sea, Central European and Mediterranean areas“ (2010–2013). Published research articles include studies of color semantics and categorization in European languages (incl. Hungarian, Italian, Russian, Finnish, Czech and others) and is currently focusing on how colour terms and metaphors are translated across languages and cultures. Co-editor of „Color Language and Color Categorization“ with Geda Paulsen and Jonathan Brindle (2016).

Michael Webster



Contact: Foundation Professor, Department of Psychology / 296, University of Nevada, Reno, Reno NV 89557. Office: (775) 682-8691, Cell: (775) 544-5741.
Website: <https://wolfweb.unr.edu/~mwebster/>, Email: mwebster@unr.edu

Relevant reading:

<https://wolfweb.unr.edu/~mwebster/assets/pdfs/WebsterAnthroColor2005.pdf>

<https://wolfweb.unr.edu/~mwebster/assets/pdfs/Webster%20Handbook%20of%20Color%20Psychology%202015.pdf>

<https://wolfweb.unr.edu/~mwebster/assets/pdfs/Webster%20Annual%20Review%202015.pdf>

<https://wolfweb.unr.edu/~mwebster/assets/pdfs/EmeryVR2017a.pdf>

Biography: Director of the Center for Integrative Neuroscience (an NIH COBRE grant) and co-Director of the BS and PhD Programs in Neuroscience at the University of Nevada, Reno. Primary research interests in color and form perception, individual and population differences in color vision and color naming, and how visual perception is shaped by adaptation to natural and unnatural visual environments.