Hans Hofmann
Professor, Department of Integrative Biology; Director, Center for Computational Biology and Bioinformatics; Director, Center for Biomedical Research Support, College of Natural Sciences
Dr. Hofmann is an evolutionary neuroscientist who studies the causes and consequences of variation in social behavior in individuals and species across vertebrates. Using genomic and bioinformatic approaches in laboratory and field settings, his research has provided fundamental insights into the neuromolecular underpinnings of complex social behavior and its evolution.

Molly Bray
Department Chair, Professor of Nutritional Sciences, College of Natural Sciences
Dr. Bray’s research focuses on the relationship between energy balance and lifestyle factors, such as exercise, nutrition, and circadian patterns of behavior, in children, adolescents, and adults. She leads the Training Interventions and Genetics of Exercise Response (TIGER) study, one of the largest genetic studies of exercise adherence established to date (planned cohort 5,000+ individuals).

Mark Hayward
Professor, Department of Sociology, College of Liberal Arts
Dr. Hayward’s research addresses how life course exposures and events influence the morbidity and mortality experiences of the adult population in the United States. He has focused on the ways that early life conditions, race and gender disparities, social inequality, and inequalities in educational experience affect socioeconomic status, adult morbidity and mortality, life expectancy, and health.

Chris Webb
Associate Dean for Research, Chief Research Officer, Dell Medical School
Dr. Webb was most recently the Assistant Dean for Clinical & Translational Research and Executive Director of the Clinical and Translational Institute at Stanford University. He is a biologist trained at Harvard, with experience in developmental biology, genomics, information technology, and technology development. He also had a two-year stint at DARPA where he was convinced that interdisciplinary, team research can result in the greatest impact.

Vishy Iyer
Professor, Department of Molecular Biosciences, College of Natural Sciences
Dr. Iyer’s research investigates global gene regulation using genomic and molecular experimental methods that rely heavily on deep sequencing and computational analyses. He uses human cells and tumors, and yeast cells, to understand how gene expression is regulated across a eukaryotic genome, in normal and disease cells. He focuses on the regulation of gene expression at the level of transcription and post-transcription.

Mike Daniels
Department Chair, Professor of Statistics and Data Sciences, College of Natural Sciences
Dr. Daniels’ research focuses on Bayesian methods for Biostatistics. Current methodological problems include inference for incomplete (missing data), causal inference, and inference for dependence structures. His collaborative projects include determining mediation in behavioral studies, quantifying DMD patient progression via imaging, and assessing the impact of new Medicare rules on preventable hospital complications.