Where Do NIMBioS Postdocs Go After Their Fellowship?
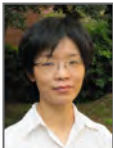
NIMBioS Postdoc	Project	Placement
Dr. Clemente Aguilar Ph.D. Computational Science/Biology, Univ. Texas at El Paso	Prediction and rule inference of MHC class II epitope binder through logic minimization method	Postdoctoral Fellow, MD Andersen Cancer Center
Dr. Folashade Agusto Ph.D. Mathematical Sciences, Univ. of Ilorin, Nigeria	Mathematical analysis and optimal control of transmission dynamics of bovine tuberculosis	Assistant Professor, Department of Mathematics, Austin Peay State University; **Assistant Professor, Ecology & Evolutionary Biology, University of Kansas**
Dr. Erol Akçay Ph.D. Biology, Stanford Univ.	Coordination and negotiation in animal social behavior and interspecific mutualisms	Postdoctoral Fellow, Univ. of California Berkeley; Associate Research Scholar, Princeton University; **Assistant Professor, Biology, University of Pennsylvania**
Dr. Jeremy Beaulieu Ph.D. Ecology & Evolutionary Biology, Yale Univ.	Incorporating Hidden Markov models into ancestral state reconstruction methods	Postdoctoral Fellow, Department of Ecology and Evolutionary Biology, University of Tennessee; **Assistant Professor, Biological Sciences, University of Arkansas**
Dr. Sharon Bewick Ph.D. Chemistry, Princeton University	Modeling local community responses to climatic change: A case study on the competitive and mutualistic interactions between ants and plants in temperate forests	Postdoctoral Fellow, Bill Fagan Lab, University of Maryland; **Postdoctoral Researcher and Lab Manager, Bill Fagan Lab, University of Maryland**
Dr. Juanjuan "JJ" Chai Ph.D. Mathematics, Indiana Univ. Bloomington	Identifiability of statistical models and consistency of maximum parsimony in phylogenetics	Postdoctoral Fellow, Oak Ridge National Laboratory

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Dr. Julia Earl Ph.D. Biological Sciences, Univ. of Missouri	Using animal movement models to predict active subsidies	Postdoctoral Fellow, Department of Natural Resource Ecology and Management, Oklahoma State University; **Assistant Professor, Aquatic Ecology, Louisiana Tech University**
Dr. Caroline Farrior Ph.D. Ecology & Evolutionary Biology, Princeton	Rare disturbance events and their impact on evolutionarily stable strategies of forest trees in competition for light, water, and nutrients	Assistant Professor, Department of Integrative Biology, University of Texas at Austin
Dr. Jake Ferguson Ph.D. Biology, Univ. of Florida	Modeling the role of seasonality on ecological populations	Postdoctoral Fellow, Center for Modeling Complex Interactions, University of Idaho; Postdoctoral Researcher, Fisheries, Wildlife and Conservation Biology, University of Minnesota
Dr. Orou Gaoue Ph.D. Botany, University of Hawaii	Integrating new developments in stochastic demography to modeling the ecological impacts of non-timber forest products harvest	Assistant Professor, Department of Ecology, Evolution and Conservation Biology, University of Hawaii at Manoa; Assistant Professor, Ecology & Evolutionary Biology, University of Tennessee, Knoxville
Dr. Tucker Gilman Ph.D. Zoology, Univ. Wisconsin	Modeling the evolution of speciation in coevolving systems	Lecturer, Department of Environmental Biology, University of Manchester, United Kingdom
Dr. Will Godsoe Ph.D. Biology, Univ. of Idaho	The statistical relationship between a species' niche and its distribution	Lecturer, School of Biological Sciences, University of Canterbury, New Zealand; Lecturer, Bio-Protection Centre, Lincoln University, New Zealand
Dr. Sean Hoban Ph.D. Biology, Univ. of Notre Dame	Developing simulation-based sampling guidelines for conserving the genetic resources of rare or economically important plant species	Tree Conservation Biologist, Morton Arboretum

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Dr. Elizabeth Hobson Ph.D. Biology, New Mexico State Univ.	The evolution of social complexity across taxa	Postdoctoral Fellow, Arizona State University-Santa Fe Institute's Center for Biosocial Complex Systems
Dr. Amiyaal Ilany Ph.D. Zoology, Tel Aviv Univ.	Modeling causes and consequences of temporal change in animal social networks.	Postdoctoral Researcher, Erol Akçay Lab, University of Pennsylvania; Senior Lecturer, Bar-Ilan University, Israel
Dr. Tom Ingersoll Ph.D. Environmental Science, Policy & Management, UC Berkeley	Dispersal and dynamic occupancy models for the spread of white nose syndrome in bats	Computational Biologist, US Department of Defense
Dr. Tony Jhwueng Ph.D. Mathematics, Indiana Univ.	On optimal taxa sampling and modeling hybridizations for phylogenetic comparative methods	Assistant Professor, Department of Mathematics, University of Taichung, Taiwan
Dr. Jiang Jiang Ph.D. Biology, Univ. of Miami	Predicting and detecting consequences of storm surges on coastal vegetation regime shifts	Postdoctoral Fellow, Department of Ecology and Evolutionary Biology, University of Tennessee; Professor, Soil and Water Conservation, Nanjing Forestry University, China
Dr. Nels Johnson Ph.D. Statistics, Virginia Tech	Novel approaches for biodiversity, multiple species distributions, and community models	Mathematical Statistician, US Forest Service, Pacific Southwest Research Station
Dr. Andrew Kanarek Ph.D. Biology, Colorado State Univ.	An integrated theoretical analysis of the influence of individual trait variation on the dynamics and persistence of small populations	Population Biologist/Ecological Modeler, US Environmental Protection Agency

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Dr. Sandy Kawano Ph.D. Biology, Clemson Univ.	On the measurement of phenotypic selection: A quantitative synthesis	Marie Skłodowska-Curie Individual Research Fellow, Structure and Motion Lab, Royal Veterinary College, University College London; Assistant Professor of Comparative Physiology, California State University, Long Beach
Dr. Arik Kershenbaum Ph.D. Biology, Univ. of Haifa	Extracting contextual information from vocalization syntax in dolphins and whales	Herchel Smith Research Fellow, Department of Zoology, University of Cambridge
Dr. A. Michelle Lawing Ph.D. Geological Sciences and Biology, Indiana Univ.	Evolution of multivariate systems	Assistant Professor, Department of Ecosystem Science and Management, Texas A&M University, College Station
Dr. Maud Lélu Ph.D. Ecology, Univ. of Reims Champagne-Ardennes	Mathematical modeling of the evolution of complex life cycles with application to *Toxoplasma gondii*	Postdoctoral Fellow, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota; Java Developer, AxYus, Paris, France
Dr. Keenan Mack Ph.D. Biology, Indiana Univ.	Modeling the dynamics of mutualism in populations structured by limited dispersal	Postdoctoral Fellow, University of Miami; Assistant Professor, Biology, Illinois College
Dr. Gesham Magombedze Ph.D. Applied Mathematics, National Univ. of Science & Technology	Modeling the immunological host-pathogen interaction of Johne's disease to understand its pathology and treatment	Research Associate, Department of Infectious Disease Epidemiology, School of Public Health, Imperial College, London; Assistant Investigator, Baylor Institute for Immunology Research

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Dr. Yi Mao Ph.D. Physical Chemistry, Northwestern Univ.	Multiscale simulations of biomolecular systems	Senior Fellow, Department of Genome Sciences, University of Washington-Seattle
Dr. Ryan Martin Ph.D. Biology, Univ. of North Carolina at Chapel Hill	Understanding the causes of phenotypic selection in the wild	Assistant Professor, Department of Biology, Case Western Reserve University
Dr. Nick Matzke Ph.D. Integrative Biology, UC Berkeley	Unification of phylogenetic biogeography and species distribution modeling	Discovery Early Career Researcher Award Fellow, Division of Ecology, Evolution, and Genetics, Research School of Biology, Australian National University
Dr. Emily Moran Ph.D. Biology, Duke Univ.	Community genetics and global change: scaling up genotype-level plant responses to population and community dynamics	Postdoctoral Researcher, Swiss Federal Institute of Technology (ETH) Zurich; Assistant Professor, Plant Ecology & Evolution, University of California, Merced
Dr. Calistus Ngonghala Ph.D. Mathematics, West Virginia Univ.	A new model with vector demography for the dynamics of malaria transmission	Postdoctoral Fellow, Harvard School of Public Health; Research Fellow, Department of Global Health and Social Medicine, Harvard Medical School; Assistant Professor, Mathematical Biology, University of Florida
Dr. Suzanne O'Regan Ph.D. Applied Mathematics, Univ. College Cork	A mathematical framework for elucidating the impact of environmental drivers on the incidence of emerging and re-emerging pathogens	Assistant Professor, Department of Mathematics, North Carolina A&T State University
Dr. Angela Peace Ph.D. Applied Mathematics, Arizona State Univ.	Stoichiometric food web models: How food quality affects population structures	Assistant Professor, Department of Mathematics and Statistics, Texas Tech University

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Dr. Chris Remien Ph.D. Mathematics, Univ. of Utah	How animal metabolism shapes isotopic signatures of trophic dynamics	Assistant Professor, Department of Mathematics, University of Idaho
Dr. Megan Rúa Ph.D. Environment & Ecology, Univ. of North Carolina at Chapel Hill	Exploring the relative importance of biotic and abiotic sources of selection for mycorrhizal interactions	Assistant Professor, Department of Biological Sciences, Wright State University
Dr. Daniel Ryan Ph.D. Mathematics, Univ. of Miami	Investigating the effects of movement strategies on the population dynamics of multi-trophic ecological communities	Chief Information Officer, Mary Mahoney Enterprises
Dr. Ioannis Sgouralis Ph.D. Mathematics, Duke	Modeling dynamic renal autoregulation at the organ level	Postdoctoral Fellow, Indiana University – Purdue University Indianapolis; Postdoctoral Associate, Center for Biological Physics, Arizona State University
Dr. Xavier Thibert-Plante Ph.D. Mathematical Biology, McGill Univ.	Local adaptation and gene flow under climate change	Postdoctoral Fellow, Department of Ecology and Genetics, Uppsala University, Sweden; Senior Lecturer, Department of Ecology and Environmental Science, Umeå University
Dr. Oyita Udiani Ph.D Applied Mathematics for the Life & Social Sciences, Arizona State Univ.	Learning in models of animal behavior: A novel game-theoretical approach	National Science Foundation Postdoctoral Fellow, University of Tennessee, Knoxville
Dr. Matt Zefferman Ph.D. Ecology, Univ. of California, Davis	The evolutionary origins of complex institutions	Postdoctoral Fellow, School of Human Evolution and Social Change, Arizona State University