

**Biochemical, Cell, and Molecular Biology (BCMB) (Biology Type A & Upper Level Elective)**

<b>Faculty:</b>	<b>Credit Allocated To:</b>	<b>Research Interest:</b>
John G. Baust	Biology Type A & Upper Level	Comparative biochemistry; adaptations to low temperatures; cryopreservation.
Frances E. Carr	Biology Type A & Upper Level	Endocrine physiology and molecular biology.
David Davies	Biology Type A & Upper Level	Microbiology; development of bacterial biofilms.
Susannah Gal.	Biology Type A & Upper Level	Plant cell biology; molecular genetics; plant transformation.
Ralph Garruto	Biology Type A & Upper Level	Human Population Biology..
<b>Kathleen Horwath</b>	<b>Biology Type A &amp; Upper Level Psychobiology LAB</b>	<b>Developmental and molecular biology of cell growth &amp; differentiation.</b>
Dennis W. McGee.	Biology Type A & Upper Level	Cell and molecular biology of the immune system of animals.
Sandra D. Michael.	Biology Type A & Upper Level	Reproductive endocrinology and immunology female animals.
<b>Carol Miles</b>	<b>Biology Type A &amp; Upper Level Psychobiology LAB</b>	<b>Neurobiology; development and behavior of insects.</b>
<b>Steven Tammariello</b>	<b>Biology Type A &amp; Upper Level Psychobiology LAB</b>	<b>Genetics; cell and molecular biology of neuronal cells</b>
Anna L. Tan-Wilson	Biology Type A & Upper Level	Molecular biology and biochemistry of plants; storage proteins.
Robert Van Buskirk	Biology Type A & Upper Level	Mammalian cell biology and protein biochemistry.
Karl A. Wilson	Biology Type A & Upper Level	Plant biochemistry and molecular biology; proteolytic enzymes.

**Ecology, Evolution & Behavior (EEB) (Type B & Upper Level Elective)**

<b>Faculty:</b>	<b>Credit Allocated To:</b>	<b>Research Interest:</b>
Richard E. Andrus.	Biology Type B & Upper Level Elective	Plant systematics; ecology and phytogeography of Sphagnum mosses.
<b>Anne B. Clark</b>	<b>Biology Type B &amp; Upper Level Elective Psychobiology LAB</b>	<b>Behavioral ecology and social behavior of vertebrates.</b>
<b>Dale M. Madison</b>	<b>Biology Type B &amp; Upper Level Elective Psychobiology LAB</b>	<b>Behavioral ecology; social organizations of mammals and amphibians.</b>
David E. Murrish	Biology Type B & Upper Level Elective	Physiological ecology; avian metabolic and respiratory physiology.
Matthew Parker	Biology Type B & Upper Level Elective	Evolutionary biology; coevolution of plants and microbes.
Curt Pueschel	Biology Type B & Upper Level Elective	Systematics and evolution of the red algae.
Julian Shepherd	Biology Type B & Upper Level Elective	Reproductive physiology of insects and arachnids.
Nancy E. Stamp	Biology Type B & Upper Level Elective	Climate change & plants; plant-insect herbivore-predator interactions.
William Stein	Biology Type B & Upper Level Elective	Paleobiology; morphometry and evolution of major plant groups.
John E. Titus	Biology Type B & Upper Level Elective	Plant physiological ecology; aquatic macrophyte ecology.
R. Stimson Wilcox	Biology Type B & Upper Level Elective	Behavioral ecology; animal communication systems.
<b>David S. Wilson</b>	<b>Biology Type B &amp; Upper Level Elective Psychobiology LAB</b>	<b>Evolutionary biology; theoretical and empirical studies of adaptation.</b>
Weixing Zhu	Biology Type B & Upper Level Elective	Ecosystem ecology; nitrogen & carbon cycles in forest ecosystems.

## Psychology

<b>Faculty:</b>	<b>Credit Allocated To:</b>	<b>Research Interest:</b>
<b>Christopher Bishop</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Neuroplasticity, Parkinson's Disease and Psychopharmacology</b>
<b>Stephen Boehm</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Mechanisms of alcohol's reinforcing/motivational properties.</b>
Meredith Coles	Psychology & Upper Level Elective	Nature and treatment of anxiety in adults and children, experimental psychopathology
Cynthia Connine	Psychology & Upper Level Elective	Psycholinguistics, spoken word recognition, speech perception
<b>Terrence Deak</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Stress responsive systems, neuroendocrinology, neural-immune interactions, behavior</b>
<b>Patricia Di Lorenzo</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Neural code for taste</b>
<b>Peter Donovanick</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Human neuropsychology, environmental and developmental psychobiology, criminal behavior</b>
Alice Friedman	Psychology & Upper Level Elective	Child clinical, pediatric psychology/behavioral medicine, behavior therapy
<b>Peter Gerhardstein</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Visual perception and memory, development of abilities in these areas</b>
Brandon Gibb	Psychology & Upper Level Elective	Vulnerability to depression in children and adults; childhood emotional maltreatment; suicide
Albrecht Inhoff	Psychology & Upper Level Elective	Word recognition, attention and eye movement control in reading and typing, eye-hand coordination
<b>Robert Isaacson</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Limbic system functions, neurotoxicity</b>
Matthew Johnson	Psychology & Upper Level Elective	Developmental course of marital distress and family dysfunction

Celia Klin	Psychology & Upper Level Elective	Reading comprehension, memory
Kenneth Kurtz	Psychology & Upper Level Elective	Concepts and category learning, similarity and analogy, neural network models of cognition, knowledge representation
Mark Lenzenweger	Psychology & Upper Level Elective	Schizophrenia and schizotypy, severe personality disorders, neurobiological bases of psychopathology
Donald Levis	Psychology & Upper Level Elective	Psychopathology, sexual abuse, implosive therapy, psychophysiology
Stephen Lisman	Psychology & Upper Level Elective	Alcoholism, alcohol and behavior, behavior therapy, psychopathology
Steven Lynn	Psychology & Upper Level Elective	Hypnosis, memory, sexual abuse, risk prevention, dissociation and fantasy, forensic psychology
<b>Ralph Miller</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Elementary information processing (animals/humans)</b>
Joseph Morrissey	Psychology & Upper Level Elective	Sensation and perception, face recognition
Richard Pastore	Psychology & Upper Level Elective	Auditory perception, cognition, attention, human factors
Raymond Romanczyk	Psychology & Upper Level Elective	Childhood disorders, intensive intervention
<b>Maria-Teresa Romero</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Biological rhythms, epilepsy/development, neural transplantation</b>
<b>Lisa Savage</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Animal models of memory disorders, psychopharmacology</b>
<b>Linda Spear</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Developmental psychobiology, psychopharmacology, neurobehavioral teratology</b>
<b>Norman Spear</b>	<b>Psychology &amp; Upper Level Elective Psychobiology LAB</b>	<b>Memory, developmental psychobiology, alcohol</b>
Deanne Westerman	Psychology & Upper Level Elective	Human memory, face recognition, memory illusions