

# MASTER'S OF SCIENCE IN BIOLOGY

## THESIS LOG

*To add a thesis, highlight first one listed, then click **Table-Insert-Rows Above***

NAME	TOPIC	ADVISOR	YEAR
Ashley Klein	Fliz1 regulation of GATA3 expression in human and murine mammary cancel cell culture	Dr. Knepper	2014
Elyse Freitas	Molecular phylogenetics, biogeography, and patterns of limb loss in the Genus <i>Scelotes</i> (Sauria:Scincidae) and Phylogeographic patterns of the lygosomine species <i>Mochlus sundevalli</i> (Scincidae: Lygosominae)	Dr. Bauer	2014
Adeyinka Owoyele	Investigating the mechanism of CD4+ T Cell activation by a Glycosylphosphatidyl-inositol-anchored proteins	Dr. Bamezai	2014
Joe Funk	Alterations in Phenology and plant community dynamics in response to a warming climate	Dr. Chapman	2014
Sara Leone	Evolution of Thiamine pathway acid phosphatase, <i>PMU3</i> , in <i>Candida glabrata</i>	Dr. Wykoff	2014
Kirsten Riggan	The progesterone receptor mediated effects of PRA-348 and PRA-920 on amphiregulin expression and rapid signaling pathways in T47D breast cancer cells	Dr. Russo	2014
James Titus-McQuillan	Phylogenetic and biogeographic analyses of Palearctic Naked-toed geckos and <i>Prosymna snakes</i>	Dr. Bauer	2014
Daniel Wu	The effects of NF-kB on estrogen-induced inflammation and matrix remodeling of rat uteri utilizing in-vivo morpholinos	Dr. Russo	2014
Torri Anderson	Determination of expression of FLIZ1 during involution of the mouse mammary gland	Dr. Knepper	2014

Allison Herman	The roles of yaiV and yaiU in <i>Salmonella enterica</i> serovar Typhimurium and other Gram negative bacteria as related to oxidative stress	Dr. Wilson	2014
Jacob Armiger	Breeding biology of a tropical cooperative passerine: The Yucatan Wren ( <i>Campylorhynchus yucatanicus</i> )	Dr. Curry	2014
Susan Hannagan	The cloned SPI-2 type III secretion system: expression and functional activity in <i>Salmonella</i> Typhimurium and other Gram negative bacteria	Dr. Wilson	2014
Ian Brennan	Interspecific and intraspecific relationships, and biogeography of flap-footed geckos, <i>Delma</i> Gray 1831 (Squamata: Pygopodidae)	Dr. Bauer	2014
Nathan R. Thorpe	Mycorrhizal network nutrient acquisition in pristine Boreal Bogs	Dr. Vile	2014
Hope Fillingim	Biological N <sub>2</sub> -Fixation in Alberta Bogs: the role of N additions, Fire, and Water	Dr. Vile	2014
Evan Kelemen	Song use in Carolina Chickadees ( <i>Poecile carolinensis</i> ) and its relation to personality	Dr. Curry	2014
Melissa Lang	Investigating Ly-6A initiated growth inhibition and cell death in transformed T-cell lines	Dr. Bamezai	2014
Michelle Gurrola-Gal	The role of the Zebrafish Chorion in the exposure to exogenous chemicals	Dr. DiBenedetto	2014
Natalie N. Kashi	<i>Sphagnum</i> Moss enzymatic activity responses to elevated nitrogen inputs in ombrotrophic peatlands	Dr. Wieder	2014
Andrea Egan	Polyandrous females provide sons with more competitive sperm: Support for the sexy-sperm hypothesis in the Rattlebox Moth ( <i>Utetheisa ornatrix</i> )	Dr. Iyengar	2014
Bianca Reo	Coastal dune stabilization and erosion-prevention during Superstorm Sandy: A comparison of Native American Beachgrass and invasive Asiatic Sand Sedge	Dr. Langley	2014
Christine Uzzalino	Induction of embryonic neuroepithelial growth by FAK signaling induced by chronic hyperpressure	Dr. Desmond	2014
Justin Walsh	Win, lose, or draw: Effects of size, sex, and kinship on high-stakes larval contests in the Rattlebox Moth ( <i>Utetheisa ornatrix</i> )	Dr. Iyengar	2014

Sarah Baillie	Boldness in response to predatory threat and its correlation with reproductive success in Carolina Chickadees ( <i>Poecile carolinensis</i> )	Dr. Curry	2014
Jonathan Rumley	Development of an inducible transgenic overexpression line for Zebrafish <i>brd2a</i>	Dr. DiBenedetto	2014
Paul Barnett	Late Central Nervous System defects and cerebellar-dependent behavioral analysis in transcriptional co-regulator BRD2-Knockdown Zebrafish larvae	Dr. DiBenedetto	2014
Regina Kukola	Effects of prescribed burning on soil inorganic Nitrogen, foliar chemistry, and pitch pine ( <i>Pinus rigida</i> Mill.) seedling growth in the New Jersey Pinelands	Dr. Chapman	2013
Caitlin Murphy	Assessment of tissue specific inflammatory responses to 17beta-estradiol using laser capture microdissection in the immature rat uterus	Dr. Russo	2013
Molly Estill	Deducing the architecture of the PHO pathway in <i>Schizosaccharomyces pombe</i> through adenine starvation and mutant analysis	Dr. Wykoff	2013
Jessica Reid	C3 and C4 plant competition in a mid-Atlantic tidal marsh under current and increased nitrogen concentrations	Dr. Langley	2013
Jeremy Hartsock	Potential impacts of increased nitrogen deposition, fire disturbance, and pore-water warming on net nitrogen mineralization in pristine Alberta, Canadian <i>Sphagnum</i> -dominated peatlands	Dr. Wieder	2013
Jacquelyn Serfecz	Characterization of <i>yaiV</i> , <i>ybaO</i> , <i>ydbO</i> , STM1266, and STM859 in <i>Salmonella enterica</i> serovar Typhimurium and other Gram negative bacteria	Dr. Wilson	2013
Stacey Spencer	Investigating the role of LY-6A/SCA-1 in editing of antigen receptor (BCR) on B Lymphocytes in the gut associated lymphoid tissues (GALT)	Dr. Bamezai	2013
Anthony Caragiulo	Ultrastructural changes in skeletal muscle with age and cold-acclimation in Japanese Quail ( <i>Coturnix Coturnix Japonica</i> )	Dr. Olson	2012

Eric Shrestha	Role of FLIZ1 in the loss of sensitivity of mouse breast tumor cells to Tamoxifen	Dr. Knepper	2012
Scott Travers	Molecular phylogenetics, species limits, and historical biogeography of southern African dwarf geckos, <i>Lygodactylus Gray 1864</i>	Dr. Bauer	2012
Joshua LaPergola	Social Ecology and mating system of the Black Catbird ( <i>Melanoptila glabrirostris</i> )	Dr. Curry	2012
Erik Scully	Nesting Ecology of the Herbivorous Ant-Acacia Jumping spider, <i>Bagheera kiplingi</i>	Dr. Curry	2012
Ryan Swoyer	Differences in antigenic epitopes between HSV-1 and HSV-2 glycoprotein C lead to differences in the production of type-specific and type-common neutralizing antibodies	Dr. Wilson	2012
Clayton Pio Santiago	Characterization of the activity of the cloned SPI-2 type III secretion system in <i>Salmonella Typhimurium</i>	Dr. Wilson	2012
Tatjana Prsa	Inputs of nitrogen to Boreal Bogs of Northern Alberta, Canada: Importance of Biological N <sub>2</sub> Fixation	Dr. Vile	2012
Daniel Schieffer	Using 7-Ketocholesterol to examine the role of membrane rafts during CD4+ T lymphocyte activation	Dr. Bamezai	2012
Nicha Ubol	Analysis of type III secretion-mediated biofilm formation in <i>Salmonella Typhimurium</i>	Dr. Wilson	2012
Wenxi Xiang	Investigating the mechanical, physiological, and molecular characteristics in drought susceptible <i>Eragrostis</i> species	Dr. Balsamo	2011
Nathan Haag	Effects of wave-exposure, spine damage and microhabitat on resource allocation of the Purple Sea Urchin <i>Strongylocentrotus purpuratus</i>	Dr. Russell	2011
Elizabeth Malaugh	An investigation of FAC, Src, and ERK in embryonic chick neuroepithelium	Dr. Desmond	2011

Lisa M. Shihanian	The role of granulocytes in estrogen-induced extracellular matrix remodeling in the endometrium of the rat uterus	Dr. Russo	2011
Abigail LeGendre	Analysis of the Estrogenic activity of Bisphenol A in an adult ovariectomized mouse model and its potential synergism with Estradiol	Dr. Russo	2011
Ashley Madern	The primary regulator of early embryonic brain growth in the chick: intraluminal pressure of FGF2?	Dr. Desmond	2011
Gracen A. Smith	New perspectives on desiccation tolerance in Gametophyte and Sporophyte ferns: Why smaller is sometimes better	Dr. Balsamo	2011
Perry L. Wood, Jr.	Systematics, biogeography, taxonomy and elucidating species complexes in the Southeast Asian Genus <i>Acanthosaura</i> Gray, 1831 inferred from mitochondrial and fast evolving protein coding nuclear loci	Dr. Jackman	2011
Alicia M. Kennedy	A fossil herpetofauna from Pindai Caves, New Caledonia: with implications for the effect of human habitation on Island Faunas	Dr. Bauer	2011
Phillip L. Skipwith	The phylogenetic relationships of New Caledonian Diplodactylid Geckos with special emphasis on <i>Rhacodactylus</i>	Dr. Bauer	2011
Heather M. Heinz	Comparative phylogeography of two widespread geckos from the typically narrow-ranging <i>Pachydactylus</i> group in Southern Africa	Dr. Bauer	2011
Mark Boyer	BWD and STAT3: An examination of a protein-protein interaction in mammalian cell lines	Dr. DiBenedetto	2011
Giana C. Bistany	Qualitative analysis of homeotic gene expression in the Central Nervous System of the Brd2-Knockdown <i>Danio rerio</i> embryo	Dr. DiBenedetto	2011
Rebecca M. Crisino	The effect of BRD2 Knock-out on PC12 cell apoptosis using BRD2-specific siRNA	Dr. DiBenedetto	2011
Katherine Shepard	Can tidal marshes keep up with sea-level rise? Productivity and decomposition of a brackish marsh in a changing environment	Dr. Langley	2011

Jamie C. Bertha	The regulation of the Pho-4 transcription factor in the phosphate signal transduction pathway in <i>Candida glabrata</i>	Dr. Wykoff	2011
Loraé Simpson	Global change and interspecific competition alter <i>Avicennia germanans</i> growth in the salt marsh-mangrove ecotone	Dr. Chapman	2011
Le Wang	Do elevated CO <sub>2</sub> and Nitrogen pollution stimulate decomposition in a brackish marsh?	Dr. Langley	2011
Andrew R. Zodda	Analysis of Tmem170 function by RNA silencing	Dr. Knepper	2010
Stephanie G. Wright	Vocalizations in Black-capped ( <i>Poecile atricapillus</i> ) and Carolina ( <i>P. carolinensis</i> ) chickadee hybrids: temporal changes and responses to playback in southeastern Pennsylvania	Dr. Curry	2010
Mary E. Paliwoda	The identification of FAKS in the chick embryonic brain neuroepithelium and their response to pressure	Dr. Desmond	2010
Jessica Trout-Haney	Breeding biology and genetic mating system of the Boreal Chickadee ( <i>Poecile hudsonicus</i> )	Dr. Curry	2010
Matthew E. Jennings	Characterization of the gene <i>ydjI</i> in <i>Salmonella typhimurium</i>	Dr. Wilson	2010
Jesse L. Grismer	Taxonomy, biogeography and the evolution of asexuality within the Southeast Asian lizard genus <i>Leiolepis Cuvier</i> (1829)	Dr. Bauer	2010
Stephen B. Mowbray	Evaluating early functional success of reclaiming decommissioned oil wellsites constructed in peatlands in Alberta, Canada through CO <sub>2</sub> flux measurements	Dr. Wieder	2010
Avni Malhotra	Carbon cycling, <i>Sphagnum</i> primary production and hydrology of a poor fen in Alberta, Canada	Dr. Wieder	2010
Amanda Nicodemus	Social analysis of resident chickadees within hybrid-zone flocks and relationships with irruption visitors	Dr. Curry	2009
Brianne Orkwis	Novel acid phosphatase in <i>Candida Glabrata</i> suggests dynamic selective pressures on the phosphate starvation response	Dr. Wilson	2009
Shweta Dutta	Examine spatial organization of membrane rafts in CD4+ T lymphocytes	Dr. Bamezai	2009

Jennifer L. Mortensen	Short-term behavioral and demographic responses of the White Breasted Thrasher ( <i>Ramphocinclus brachyurus</i> ) to habitat loss and fragmentation	Dr. Curry	2009
Noelle Parisi Dahl	Effect of pre-existing adenovirus neutralizing antibody on vector infectivity and transgene expressions	Dr. DiBenedetto	2009
Rachel Jones	Is biodiversity really a barrier to ecosystem invasion? An analysis of community- and ecosystem-based mechanisms of plant invasions	Dr. Chapman	2009
Caitlin Kelly	Male courtship pheromones are indicators of genetic quality in an Arctiid Moth ( <i>Utetheisa Ornatrix</i> )	Dr. Iyengar	2009
Elizabeth Haglund	Mechanism of action of two progesterone receptor modulators: PRA-348 and PRA-920	Dr. Russo	2009
Heather Melville	Spatiotemporal analysis of apoptosis patterns in the developing brain of the BRD2-Knockdown Zebrafish embryo	Dr. DiBenedetto	2009
Daniel Portik	Comparative phylogeography of two skink species in Southern Africa	Dr. Bauer	2009
Edward L. Stanley	Evolutionary relationships within the family Cordylidae (Squamata)	Dr. Bauer	2009
William H. Espenshade III	Notes on the ecology of southern African tortoises	Dr. Balsamo	2009
Erin K. Johnson	Characterization of EPC-1/PEDF	Dr. Knepper	2009
Ange Kouadio	Exploring the therapeutic potential of novel molecular targeted therapies in treating human ovarian cancer	Dr. Knepper	2008
Christine Gaddis	Development and use of an <i>in vivo</i> mouse model system to assess the morphological effects of exposure to endocrine disrupting compounds in uterine and mammary tissue	Dr. Russo	2008
Christine Kerwin	Pho2 dependence in the phosphate signal transduction pathway of <i>Saccharomyces cerevisiae</i> and <i>Candida glabrata</i>	Dr. Wykoff	2008
Colleen Kennedy	A Study of size and compositional heterogeneity of Membrane rafts of CD4+ T Cells	Dr. Bamezai	2008

Brenda Czerwinski Shields	Adaptive Response of Japanese Quail ( <i>Coturnix coturnix japonica</i> ) to cold-acclimation: Physiological changes and localization of avian UCP in skeletal muscle	Dr. Olson	2008
Medora Burke-Scoll	Nitrogen and sulfur input and accumulation in continental ombrotrophic peatland ecosystems in Alberta, Canada	Dr. Wieder	2008
Stuart Nielsen	Molecular systematics of the Geckos of New Zealand	Dr. Bauer	2008
Angela Clouse	Development of a gene expression screen to assess effects of endocrine disrupting agents in female mouse reproductive tissues	Dr. Russo	2008
Alberic Rogman	The role of plasmin in estrogen-mediated extracellular matrix remodeling in the rat uterus	Dr. Russo	2008
Samantha Slattery	Influence of male song on extra-pair paternity choice in the Black-capped Chickadee ( <i>Poecile atricapillus</i> ) and Carolina Chickadee ( <i>P. carolinensis</i> ) hybrid zone -	Dr. Curry	2008
Francis V. Iosue	Role of phytochemicals and leaf cushion morphology in host resistance to the Hemlock Woolly Adelgid ( <i>Adelges tsugae</i> )	Dr. Iyengar	2008
Alix Grand-Pierre	An Investigation into the Role of B2 RNAs in Neuronal Apoptosis	Dr. DiBenedetto	2008
Anthony J. Geneva	A Phylogeographic analysis of <i>Bavayia</i> cf. <i>crassicollis</i>	Dr. Bauer	2007
Morgan Jones	A Characterization of the functional and developmental consequences Ly-6A.2 deficiency on B cells	Dr. Bamezai	2007
Amanda M. Cottone	Ecological investigations of the Psammophiidae ( <i>Squamata: Serpentes</i> )	Dr. Bauer	2007
Lillian Bloch	Species differentiation in the bivalve genus <i>Nutricola</i>	Dr. Russell	2007
Lindsay A. Zemba	Flock structure and dynamics in the hybrid zone between Black-capped Chickadees ( <i>Poecile atricapillus</i> ) and Carolina Chickadees ( <i>P. carolinensis</i> ) in southeastern Pennsylvania	Dr. Curry	2007
Todd D. Cavalcanto	Hormone regulated inflammation of the immature rat uterus in response to leukocyte Infiltration and MMP Activation	Dr. Bamezai	2007



Tami Murphy	Phenotypic analysis of transcriptional coactivator brd2 knockdowns in zebrafish ( <i>Danio rerio</i> )	DiBenedetto	2007
Joshua Snyder	The autoecology of <i>Rhacodactylus auriculatus</i> . A natural history study of Gargoyle Geckos	Dr. Bauer	2007
Margaret Moore	Osteoclast activity and the growth of cranial lateral line canals in Zebrafish ( <i>Danio rerio</i> )	Dr. Webb	2006
Lucas M. Pilipski	Dietary preference of the Little Brown Bat ( <i>Myotis lucifugus</i> ) in Pennsylvania in relation to insect availability	Dr. Curry	2006
Patricia A. Stairiker	The role of Cathepsin L in involution and the termination of lactation in the mouse mammary gland	Dr. Knepper	2006
Amita Patel	Transcriptional regulation of Cathepsin L during mouse mammary gland involution: A test of STAT3 involvement	Dr. Knepper	2006
Susan L. Guers	Effects of Forest Fragmentation on Chickadee reproduction in Southeastern Pennsylvania	Dr. Curry	2006
Christopher Woods	Swim bladder morphology in Chaetodontid butterflyfishes with a discussion of its bioacoustic significance	Dr. Webb	2006
Matthew D. Nelson	Lipid raft heterogeneity and dynamics in CD4+ T Cells	Dr. Bamezai	2006
Mamta Rao	Recurrent genetic alterations in thymic lymphomas of <i>LckMyrAkt2</i> transgenic mice	Dr. Knepper	2006
Jennifer M. Reed	Interferon- $\gamma$ increases CD4+ T Cell survival and proliferation	Dr. Bamezai	2006
Joseph Comber	Characterization of <i>In Vitro</i> derived memory-Like CD4+ T Cells an <i>in vitro</i> understanding of memory T Cell Biology	Dr. Bamezai	2005
Mark J. Johnson	Thermal ecology and habitat selection of the Northern Copperhead, <i>Agkistrodon Contortrix Mokusen</i>	Dr. Bauer	2005

Erin D'Aurora White	Morphological changes in the pectoralis and iliotibialis muscles in red-winged blackbirds ( <i>Agelaius phoeniceus</i> ) with respect to the ontogeny of endothermy	Dr. Olson	2005
Amy A. Cunkelman	The ecology of <i>Rhacodactylus leachianus</i> and <i>R trachyrhynchus</i> in an area of sympatry	Dr. Bauer	2005
J. Lucas Herman	Morphology of the inner ear of Chaetodontid Butterflyfishes with a novel swimbladder-lateral line connection	Dr. Webb	2005
Kimberly Nadwodny	Effects of an Anti-IL-4 antibody on the immune response to the mouse mammary tumor virus (BALB/cV) and its influence on viral dissemination	Dr. Knepper	2004
Margaret Reinhart	Immune responses of the earthworm, <i>Lumbricus terrestris</i> , to its sporozoan parasite <i>Monocystis</i> , and to other eukaryotic parasites	Dr. Dollahon	2004
Susan B. Wenger	The effects of an 18 Base Pair Sequence within the mouse mammary tumor virus long terminal repeat on tissue-specific expression <i>in vitro</i>	Dr. Knepper	2004
Matthew Reudink	Extra-Pair Fertilizations: A cost-reducing mating strategy in hybridizing Chickadees?	Dr. Curry	2004
Bin Xu	Post-fire Root Biomass and Ectomycorrhizal Associations in the Western, Continental Canadian Boreal Peatlands	Dr. Wieder	2004
Michael Hafey	<i>In vivo</i> regulation of the cell surface proteoglycans, syndecan 1 and 3, and the matrix metalloproteinase, matrilysin, by selective estrogen receptor modulators, tamoxifen and LY117018	Dr. Russo	2004
Bryan J. Peano	<i>In vivo</i> regulation of matrix metalloproteinase expression by 17 $\beta$ -estradiol (E2) and the role of inflammation in E2-induced endometrial remodeling in the immature rat uterus	Dr. Russo	2004
Shirisha Kanthala	Expression and characterization of INT-V locus for mouse mammary tumor virus	Dr. Knepper	2004

Juliann M. Beaulieu	The phylogeography of both native and introduced populations of the salamander, <i>Ambystoma vagrans</i>	Dr. Jackman	2004
Joanne R. Dougherty	The association between the coquina clam <i>Donax fossor</i> and its epibiotic hydroid <i>Lovenella gracilis</i>	Dr. Russell	2004
Stephanie A. Neimeister	Mechanisms of salt tolerance in <i>Phragmites australis</i>	Dr. Balsamo	2003
Rena W. Wood	Abiotic and biotic effects of trails in a Costa Rican premontane tropical rainforest	Dr. Balsamo	2003
Christopher D. Valligny	Effects of an intense winter fire on Florida Scrub-Jay ( <i>Aphelocoma coerulescens</i> ) habitat use	Dr. Curry	2003
John Navaratnam	Microbial community diversity in a Canadian and Siberian Peatland, as revealed by molecular ecological techniques	Dr. Wieder	2002
Jennifer R. Fetter	Genetic variation among and within populations of <i>Opuntia Humifusa</i> in the northeastern United States	Dr. Balsamo	2002
Lindsay M. Rossano	Vocal patterns of black-capped and Carolina chickadees hybridization in Southeastern Pennsylvania	Dr. Curry	2002
Brian W. Benscoter	Microtopographic variation in post-fire vegetation response of continental, boreal, western Canadian bog peatlands	Dr. Wieder	2002
Stephen Lockett	Phylogenetic analysis of <i>Gerrhosaurus</i> (Reptilia: Sauria: Gerrhosauridae) based on morphology	Dr. Bauer	2002
Angela Hoptak	A Determination of the origin of wandering salamander populations ( <i>Ambystoma Vagrans</i> ) on Vancouver Island by analyzing variation in the mtDNA ND2 gene	Dr. Jackman	2002
Kerri Lyn Cornell	Hatching success and nestling sex ratio in Black-capped and Carolina Chickadees: do hybridizing chickadees in Pennsylvania follow Haldane's Rule?	Dr. Curry	2001

Susan E. Crow	The Role of Roots and Root Exudates in the carbon cycle of a boreal, continental bog in Western Canada	Dr. Wieder	2001
Kevin A. Wilson	The effect of environmental factors on behavior within and between populations of the plethodontid salamanders <i>Aneides ferreus</i> and <i>Aneides vagrans</i>	Dr. Jackman	2001
Annemarie St. John	Detection and analysis of protein-protein interactions for BWD using the two-hybrid method	Dr. DiBenedetto	2001
Sean Mullen	Genetic and Morphometric variation across a chickadee hybrid zone in Southeastern Pennsylvania	Dr. Curry	2001
Ilonka vonLippke deMaxson	Effects of social rank on breeding success in the Espanola mockingbird, <i>Nesomimus macdonaldi</i> , as revealed by microsatellite parentage testing	Dr. Curry	2000
William Leo Smith	Variation in the Morphology of the Laterophysic connection in Butterflyfishes of the genus <i>Chaitodon</i>	Dr. Webb	2000
Michelle Kusnierczyk	The overexpression of cx43 compensates for the wnt-1 knockout as evidenced by the recovery of the cerebellum	Dr. Desmond	2000
Jake B. Guinto	Cloning of Zebrafish Homolog to Rat <i>mud-6</i> Gene	Dr. DeBenedetto	2000
Kevin M. Bellew	Hypertension and the Rate of Cognitive Decline in Patients with Dementia of the Alzheimer' s Type	Dr. Fleischman	2000
Jean Gurney	Expression patterns and homology analysis of mouse mammary tumor virus integration site, <i>int-v</i>	Dr. Knepper	2000
John Maslowski	Biological degradation of trichloroethylene in a Southeastern Pennsylvania stream -	Dr. Wieder	1999
Bridget L. Walton	An attempt to characterize a potential regulatory protein binding to an18 BP element of the mouse mammary tumor virus long terminal repeat	Dr. Knepper	1999

Jennifer L. Wright	The phylogeny of <i>Bavayia</i> (Reptilia: Diplodactylidae) based on mitochondrial DNA, allozymes and morphological evidence: including the description of two new species	Dr. Bauer	1999
Julia A. Gunther	Bioaccumulation of metals in the Turkey-wing mussel, <i>Arca zebra</i> , off the coast of Bermuda	Dr. Dollahon	1999
Beth Berkheimer	Resource allocation plasticity in green sea urchins, <i>Strongylocentrotus Droebachiensis</i> (Muller), during starvation conditions	Dr. Russell	1998
Mark T. Rohlfig	Growth and survival of potential bacterial contaminants and their effects on fermenting and nonfermenting wort	Dr. Friede	1998
Carrie J. Deming	Relationship between larval and juvenile growth in the Hard clam, <i>Mercenaria mercenaria</i>	Dr. Russell	1998
Melissa L. Tarby	Morphogenesis of the lateral line canals in the cranial dermal bones of the cichlid, <i>Archocentrus nigrofasciatus</i>	Dr. Webb	1998
Robert J. Wittrock	Attempts to clone a gene encoding a DNA binding protein from mouse mammary and kidney tissue	Dr. Knepper	1998
Elizabeth M. Borst	Effects of breeder age, breeder experience, and pair-bond duration on clutch initiation date and clutch size in Florida Scrub-Jays	Dr. Curry	1998
Michael R. Bourque	Characterization of the Effects of 17 $\beta$ -Estradiol on Syndecan, Fibroglycan and N-Syndecan Messenger RNA levels in the immature rat uterus by <i>in situ</i> hybridization and Northern blot analysis	Dr. Russo	1998
Kimberly C. Staquet	The epithelial cell adhesion molecule: A mediator of enhanced chemosensitization on drug-resistant tumor cells?	Dr. Knepper	1998
Paul M. Lea	Ontogenetic Changes in the Morphology and <i>In Vitro</i> Contractile Properties of the Striated Adductor of the Large Sea Scallop <i>Placopecten magellanicus</i>	Dr. Olson	1997

Yinkang Qian	The Suppression of Mouse Mammary Tumor Virus Expression by the Mouse Mammary Tumor Virus Long Terminal Repeat Open Reading Frame Gene in the Mm5mt Mouse Mammary Tumor Cell	Dr. Knepper	1997
Amy M. Yeakel	Population Structure and Gene Flow in Three Species of Buena	Dr. Larsen	1997
Sandhya Nerurkar	Construction of a Mutated Long Terminal Repeat for the Study of Mouse Mammary Tumor Virus Infectivity in Balb/c Mice	Dr. Knepper	1996
Lesley S. Bechtold	A Spatio-temporal Study of the Correlation Between <i>Pax 1</i> Expression and Digit Anlage Differentiation in Normal and Talpid Chick Limbs	Dr. Desmond	1996
Katherine G. Taylor	The Contribution of Empty Fruits to Dispersal In <i>Chrysoclamys eclipes</i> (Clusiaceae), on Barro Colorado Island, Republic of Panama	Dr. Larsen	1995
Janet Creveling	The Activity of the Long Terminal Repeat-Encoded Protein of Mouse Mammary Tumor Virus in Cell Lines Derived from MTN/HA-RAS Transgenic Mice	Dr. Knepper	1996
Peter Wermuth	Acquired Mouse Mammary Tumor Virus Integrations in a Spontaneous BALB/c Mammary Tumor: Support for the Existence of Background Exogenous Virus(es) in BALB/c Mice	Dr. Knepper	1996
Juan Martinez-Gomez	Conservation Status and Demography of the Socorro Mockingbird, <i>Mimodes graysoni</i> : Evaluation of the Role of Habitat Destruction, Predation, and Competition	Dr. Curry	1995
Angela Wonslettler	The Morphology and Development of the Mechanosensory Lateral Line System on the Trunk of Hexagrammid Fishes	Dr. Webb	1995
Stephen Calabro	<i>In Vivo</i> Regulation of Syndecan, Fibroglycan, and N-Syndecan Messenger RNA Levels by 17 $\beta$ -Estradiol in the Immature Rat Uterus	Dr. Gardner/Russo	1995
Mary M. Elliott	Determination of the Initial Appearance of Exogenous Mouse Mammary Tumor Virus in the Mammary Glands of BALB/cV Mice by PCR <i>In Situ</i> Hybridization and PCR Analysis	Dr. Knepper	1995

Dawn E. Biazzo	Identification of a Transcription Unit in the Vicinity of a Novel Integration Site of Mouse Mammary Tumor Virus in a BALB/cV Tumor	Dr. Knepper	1995
Theresa Schwegel	Identification and Preliminary Characterization of a Novel Integration Site ( <i>Int-V</i> ) and Sequence Analysis of the Long Terminal Repeat Coding Region of a Tumorigenic Strain of Mouse Mammary Tumor Virus (BALB/cV)	Dr. Knepper	1995
Kathleen T. Rousche	Are the Growth Responses Induced by Estrogen in the Uterus Mediated by a Common Cascade of Events?	Dr. Gardner	1993
Michael J. Keller	Calling Song Recognition and Phonotactic Behavior in the Field Cricket, <i>Gryllus firmus</i>	Dr. Doherty	1993
Jeffrey D. Seroskie	The Regulation of cAMP Formation by Parathyroid Hormone related peptide in the estrogen-treated rat uterus	Dr. Gardner	1993
Cindy E. Nuss	Attempts to Develop an Efficient in Vitro Infection System for Mouse Mammary Tumor Virus	Dr. Knepper	1993
Monica M. Storz	Reproductive Behavior in the Field Cricket, <u><i>Gryllus firmus</i></u> (Orthoptera: Gryllidae)	Dr. Doherty	1992
Robert V.P. Martinez	The Subcloning of a Fungal Lipase for Expression and Secretion in <i>Bacillus subtilis</i>	Dr. Baker	1992
Frank J. Taddeo	The Role of Dissimilatory Sulfate Reduction in Wetlands Constructed for Acid Coal Mine Drainage (AMD) Treatment	Dr. Wieder	1991
Ronald A. Castanzo	Ecological, Morphological and Behavioral Convergence between a Scincid Lizard ( <i>Mabuya acutilabris</i> ) and Sympatric Lacertid Lizards	Dr. Bauer	1991
Kathleen M. Woods	Integration Sites for Mouse Mammary Tumor Virus in Balb/c V Mice	Dr. Knepper	1990
Scott A. Cosmi	Microscopic evaluation of endothelial cell removal techniques as applied to small intrapulmonary arteries	Dr. Dollahon	1990

Brian J. Bolognese	Diurnal Variations in Cytoplasmic Nadp-Dependent Isocitrate Dehydrogenase Isolated from Mouse Liver; A Possible Dietary Regulatory Mechanism	Dr. Baker	1989
Catherine A. Murphy	The Fermentation of Wood-Derived D-Xylose by the Yeast <u>Pichia Stipitis</u>	Dr. Friede	1989
Becky J. Light	The Effects of Sodium Copper Chlorophyllin on <i>Proteus mirabilis</i> and <i>Proteus vulgaris</i> : an Examination of Growth and Metabolism	Dr. Marks	1989
Mark Caprara	Extraction and Characterization of the Lipopolysaccharide from a Small, Gram-negative Bacterium	Dr. Friede	1988
Michael J. Duzy	The Effects of Increased Intracellular Cyclic Adenosine 3', 5' - Monophosphate Concentration upon Spinal Cord Occlusion in the Chick Embryo	Dr. Desmond	1998
Benigno D. Federici	The Role of Calmodulin as a Regulator of Spinal Cord Occlusion in the Chick Embryo	Dr. Desmond	1988
Michael A. Hulse	The Maintenance of Spinal Cord Occlusion in the Chick Embryo Requires	Dr. Desmond	1988
Robert B. Pendrak	Characterization of B-Adrenergic Responses in the Immature Rat Uterus	Dr. Gardner	1988
Patricia Thomas	An Experimental Analysis of the Sexual Selection, Resource Competition and Exploitation as a Resource Hypotheses for Infanticidal Behavior in the Meadow Vole, <i>Microtus Pennsylvanicus</i>	Dr. Wolff	1988
Elayne C. Griffin	Induction of Malic Enzyme in Hepatocytes from Embryonic Chicks and Rats	Dr. Baker	1988
George Stroup	Comparison of Kinetic Parameters of Allozymes of Cytosolic Malic Enzyme from Mouse	Dr. Baker	1987
Andreas F. Pozzi	A Comparative Study of the Three Cytosolic Isozymes of Nicotinamide Adenine Dinucleotide Phosphate (NADP)-Dependent Isocitrate Dehydrogenase from Mouse Liver	Dr. Baker	1987



Cynthia L. Nagle	Experimental Analysis of Initiation of Occlusion of the Spinal Neurocele in the Chick Embryo	Dr. Desmond	1986
Barnett R. Nathan	An Ultrastructural Study of a Kinetoplastid Flagellate in the Chick Embryo	Dr. Dollahon	1987
Mary C. Lynch	A Descriptive Analysis of the Phytoplankton, Benthos, and Drift Organisms of French Creek (Pennsylvania) with a Discussion of Water Quality and Correlation with Physical Parameters of the Stream	Dr. Wieder	1986
Barbara A. Guiliano	Effect of Chlorpromazine on Isolated Rat Uterine Contractile Responses by Uterotonic Agents	Dr. Gardner	1986
Anne D. Kearney	The Effects of Acid Mine Drainage on <u>Spagnum</u> Species: Growth, Chlorophyll Concentration and Plant Tissue Chemistry	Dr. Wieder	1986
Nancy C. Caldwell	The Selective Effects of Indomethacin on Rat Uterine Tissue	Dr. Gardner	1986
Steven C. Bade	Mepacrine Non-Selectively Inhibits Uterine Contractile Responses to Both Membrane Receptor Dependent and Independent Stimuli	Dr. Gardner	1986
Kelly Ann Austin	The Effect of Simulated Acid Precipitation on the Growth and Chlorophyll Concentration of Three North American Sphagnum Species -	Dr. Wieder	1986
Peter J. Skrincosky	The Effect of Neostigmine Treatment on the Uterine Muscarinic Receptor Population and on Uterine Contractile Response in the Rat	Dr. Gardner	1985
Mary A. Pacheco	Brain Expansion Begins After Initiation of Definitive Occlusion in the Chick Embryo	Dr. Desmond	1985
Maria A. Galanti	The Effects of Phenylalanine and Halogenated Phenylalanine Analogues on <u>Avena</u> Extension Growth and Phenolic Metabolism	Dr. Orkwiszewski	1985
Sang Won Dacri	The Effect of Chlorophyllin on <i>Staphylococcus Aureus</i>	Dr. Friede	1985
Crystal Dawn Reed	The Effect of Chlorophyllin on Group G Streptococci	Dr. Friede	1984

Elizabeth McMurtrie	The Interaction of Insulin and Estradiol on Uterine Sensitivity to the hormones Oxytocin, Carbachol, and Ispoterenol	Dr. Gardner	1984
Jeffrey L. Mooney	Purification and Comparative Biochemical Studies of Two Soluble Nicotinamide-Adenine Dinucleotide Phosphate (NADP)-Dependent Isocitrate Dehydrogenase Isozymes from Mouse Liver	Dr. Baker	1984
Charles D. Goldstein	Histochemical and Biochemical Identification of Glycosaminoglycans in the Chick Embryo Presumptive Skull at Two Developmental Stages	Dr. Desmond	1984
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John M. Leferovich	Neuromuscular Properties of Pristine and Regenerating Claws of <i>Alpheus Californiensis</i>	Dr. Stephens	1983
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Paul A. Frascella	Effects of Ethanol and Temperature on a Crab Motor Axon Action Potential; A Possible Mechanism for Peripheral Spike Generation	Dr. Stephens	1982
Edward R. McKillip	The Effect of Sodium Copper Chlorophyllin on Extracellular Proteolytic Enzymes of <i>Pseudomonas aeruginosa</i> -	Dr. Friede	1981
Patricia A. Johnson	The Effect of Chlorophyllin on Membrane Potentials, Transport and ATPase Activity in <i>Escherichia coli</i>	Dr. Friede	1981
Joseph J. Jankiewicz	The Role of Glycosaminoglycans in Skull Formation During Chick Embryogenesis	Dr. Desmond	1981

Ruth L. De Vries	Selection and Characterization of Thymine-Requiring Mutants of <i>Escherichia coli</i>	Dr. Friede	1981
William J. McNichol, Jr.	An Analysis of the Variability of Fatty Acids and Proteins with Age of Culture in <i>Herpetomonas megaseliae</i>	Dr. Friede	1980
Christopher C. DeMerlis	The Influence of Incubation Temperature on the Multiplication of <i>Leishmania enriettii</i> in the Chick Embryo	Dr. Dollahon	1979
Loretta Wojcik Troianello	Partial Purification and Comparative Study of the Three Soluble Nicotinamide-Adenine Dinucleotide Phosphate (NADP)-Dependent Isocitrate Dehydrogenase Isozymes from the Liver of Mice Heterozygous at <u>Id-1</u> Locus	Dr. Baker	1978
Clare Lee Oesterle	The Mechanism of cAMP Control of Tyrosine Aminotransferase Synthesis in Prenatal Rat Liver	Dr. Baker	1977
Karen C. Dietrich	The Catabolism of Norleucine in a <i>Pseudomonas</i> Species	Dr. Friede	1977
Ta-chih Hua	Passage of <i>Herpetomonas megasaeliae</i> Through the Digestive Tract of <i>Anolis Carolinensis</i>	Dr. Dollahon	1976
William R. Gower	The Partial Purification and Characterization of Two Allotypic Variants of the Soluble NADP-Dependent Isocitrate Dehydrogenase from Mouse Liver	Dr. Baker	1976
K. G. Thomaskutty	The Endosymbiotic Microbody of <i>Blastocrithidia Culicis</i>	Dr. Dollahon	1975
Robert J. Towarnicki	A Study of the Effects of Temperature on <i>Leishmania Adleri</i> in Chick Embryo and Dog Sarcoma Cell Cultures	Dr. Dollahon	1974
Karen L. Stickler	The effect of Incubation Temperature on the Behavior of <i>Leishmania Alderi</i> in the Chick Embryo Liver	Dr. Dollahon	1974
James J. Bonaiuto	The Ontogeny of Lactate Dehydrogenase Isozyme Patterns in the Developing Chick Embryo and the Effects of Controlled Gaseous Environments on Those Patterns	Dr. Baker	1974

Edward R. Swiderski	The Atherosclerotic Rabbit Heart: A Study of Some of the Parameters of the Electrophysiology of the Intrinsic Beat	Dr. Langan	1973
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Joan N. Storer	Controlling Factors of Antigen Synthesis in Paramecium Multimicronucleatum		1972
Kenneth C. Palmer	The Hormonal Regulation of Glucose-6-Phosphatase and Tyrosine Transaminase in Developing Rat Liver	Dr. Baker	1972
John P. Gaughan	Carbon Dioxide Fixation in Embryonic Chicken Liver	Dr. Baker	1972
Kathleen P. Eagan	Changes in the Intracellular Distribution and Electrophoretic Pattern of Nicotinamide-Adenine Dinucleotide Phosphate-Isocitrate Dehydrogenase in the Developing Mouse	Dr. Baker	1970
Michael E. DiFebbo	Lactate Dehydrogenase Isozyme Changes in Cardiac Tissue Grafted on the Chorioallantoic Membrane of Chick Embryos	Dr. Baker	1970
Patricia J. Trinley	A Study of Histological Changes in Rat Uterus Containing an Intrauterine Device at the Time of Implantation	Dr. Langan	1970
Joseph W. Bailer	Comparison of Plaque Variance Between Bottle and Plate Plaque Assay Systems Using Vesicular Stomatitis Virus		1969
Patricia Temple-West	Determination of Glycogen Location and Time of Emergence of Connective Tissue, Muscle and Glycogen in the Heart and Major Vessels in the Chick Embryo	Dr. Malewitz	1969
Nicola A. de Padova	A Study of the Effects and Incorporation of Low Specific Activities (1.0 to 0.0001) of Tritium Labelled Thymidine into Leaf Cell Nuclei of <i>Xanthium Pennsylvanicum</i>	Dr. Maksymowych	1968
Joseph Saul Fisher	The Effect of Certain Amino Acids on Experimentally Induced Inflammation in Adrenalectomized Male Rats	Dr. Davis	1966

Peter A. Orsatti	The Effect of Diphenhydramine and Thiabendazole on the Immunity on the Immunity of Trichinae - Infected Mice	Dr. Thillet	1966
Joseph E. Organtini, JR.	<u>In Vitro</u> Studies of the Hormonal Regulation of Glucose-6-Phosphatase and Tyrosine Aminotransferase in Slices of Developing Rat Liver	Dr. Baker	1974
Eugene C. Lang	A Study on the Mode of Action of an Intrauterine Foreign Body	Dr. Langan	1970
C. Wayne Bocclair	The Effect of Dimethylsulfoxide (DMSO) on the In Vitro Growth of Vesicular Stomatitis	Dr. Gallen	1969
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Joanne V. Baliszky	Growth of <u>Herpetomonas Megaeliae</u> in a Defined Medium	Dr. Dollahon	1976
Joseph B. Watson	Purification, Kinetic and Heat Inactivation Studies of the Five Isoenzymes of the Mouse Liver Malic Enzyme	Dr. Baker	1975
Joseph F. Solus	The Hormonal Control of Tyrosine Aminotransferase in Prenatal Rat Liver	Dr. Baker	1975
David P. Kirstein	The Effect of a B-Adrenergic Blocker on Ovulation and Levels of NE in the Blood and Hypothalamus of the Rat	Dr. Langan	1971
Jay F. Ziegenfuss, Jr.	Decreased Ablastin Production as a result of Neonatal Thymectomy	Dr. Thillet	1967