## **Department of Biological Sciences**

Charles E. Schmidt College of Science

## Direct Independent Research In Biological Sciences **BSC 4910** Registration Form

The student works closely with a research mentor to

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conduct research and inquiry in biological sciences. The requirements for the course and the criteria for evaluation are agreed upon by the research mentor and the student

Students wishing to enroll in a Directed Independent Research (DIR) Course must complete this registration form. Upon receipt of a Biology faculty signature, the form must be returned to the departmental office on your designated campus. Failure to adhere to this procedure may delay receiving a satisfactory grade or a title for the completed project. It is clearly the student's responsibility to complete the requirements of a departmental DIR.

Grading for this course is S/U. Students may enroll from 0 to a maximum of 3 research credits within a single semester (Spring, Summer, Fall)

Requirements: In order for a DIR to be counted as a biology elective, it must be taken within the Department of Biological Sciences with a Biology Departmental Faculty Professor. (See list of Biology Departmental Faculty on other side). For Degree requirements please meet with your Academic Advisor.

<u>St</u>	udent Information Pleas	<u>e Print</u>				
DATE:	Honors in Biology Research		nup://biology.fau.edu/			
STUDENT NAME	STUDENT Number Z					
FAU email address:	or scan here:  @fau.edu Phone Number:					
PRIMARY CAMPUS (indicate one): Boca)	Davie)HarborBra	nch) PSL)				
Are you a transfer student? Yes No If  **if in a Honors in Biology Progr						
SEMESTER OF DIRECT INDEPEN	NDENT RESEARCH: Please	check semester:				
FALL)SPRING)SU	MMER: 1 (Full Term)	2(First Half)3(	Second Half)			
COURSE SECTION: BSC 4910 CRN	# Total num	nber of Credits (0-3):_				
TITLE OF RESEARCH PROJECT	' FOR TRANSCIPT (max	30 characters including	spaces)			
SUPERVISOR OF DIR (Please print name o	of Biology Departmental Faculty 1	member)				
Signature of Biology Departmental Faculty N	<mark>/lember</mark> :					
STUDENT SIGNATURE:  By signing, you authorize the Biology Off	ice staff to register you for these	e credits and that you are res	ponsible for any associated fees incurre			
Please note the following: Will you be working with live vertebrate animals? No_	Yesif Yes, <b>you must</b> :					
(i) Enroll in the FAU Medical Monitoring Pro	ogram					
https://www.fau.edu/research-admin/resea	arch-integrity/animal-subjects-iacuc/medica	al-monitoring/				
(ii)Take the CITI Lab Animal Welfare Course (a https://www.fau.edu/research-admin/research		& Students Module)				
(iii) Ensure that your professor adds you to the	neir IACUC protocol) https://www.fau.e	edu/research-admin/research-inte	egrity/animal-subjects-iacuc/iacuc-forms/			
Student notified on: / /	by: Noti	ification by: E-Mail Phor	ne in person.			

See Biolog	y Faculty Departmen	tal List at Link for addi	tional information for each Professor:	
	http://biology	v.fau.edu/home/depa	rtmental_faculty.php	
Name	Email	Phone,Campus and Office location	Area of Emphasis	
Anderson, Rindy	andersonr@fau.edu	954-236-1144 (Davie),DW 336	Behavioral ecology, communication, cognition, sexual selection	
Baldwin, John D.	jbaldwin@fau.edu	954-236-1151 (Davie),DW 438	Population genetics and reproductive biology	
Binninger, David	binninge@fau.edu	561-297-3323 (Boca),SC 210	Role of oxidative damage to proteins in aging	
Brooks, Randy	wbrooks@fau.edu	561-297-3888 (Boca),SC 268	Marine behavioral ecology, semiology, coral reefs	
Cavallo, Michelle	mcavallo@fau.edu	561-297-3465 (Boca)SC 261	Antibiotic Discovery, Citizen Science, Non-Stem Undergraduate Experiences, Molecular Biology Techniques	
Detwiler, Kate	Kdetwile@fau.edu	561-267-3230 (Boca) SC 228	Primate hybridization and speciation, molecular primatology, primate behavioral Ecology, conservation of African monkeys and their rainforest habitats	
Estatus Novelton	and the Office of	561-297-4306	Environmental microbiology, drug resistance, human and plant microbiome	
Esiobu, Nwadiuto	nesiobu@fau.edu	(Boca),SC 271 561-297-4472	Entomology, plant/insect interactions	
Frazier, Evelyn	efrazier@fau.edu	(Boca),SC 201 561 799-8055	Molecular and cellular neuroscience, neurodevelopment, cellular	
Godenschwege, Tanja	godensch@fau.edu	(Jupiter),MC-19 209 561-799-8514	basis of neurological disorders and drug discovery	
Hansen, Carl	hansenc@fau.edu	(Jupiter),MC-19 109	G-protein signaling, Angiogenesis regulation/dysregulation, Gene variants and human disease, Bioinformatics and genomics	
Hartmann, James X.	jhartman@fau.edu	561-297-3334 (Boca),SC 270	Immunotherapy for adult chronic lymphocytic leukemia and lupus	
Hughes, Colin	chughe@fau.edu	(954) 236-1156 (Davie),DW 439	Evolutionary and conservation genetics	
Jia, Kailiang	kjia@fau.edu	561-297-0512 (Boca),SC 208	Molecular regulation of aging	
Kajiura, Stephen	kajiura@fau.edu	561-297-2677 (Boca)SC 215	Functional morphology and sensory biology of marine fish	
Koch-Rose,	mkoch@fau.edu	561-297-3325 (Boca),SC 267	Marine botany, nutrient cycling and climate change in tropical marine systems	
Kumi-Diaka, J. K.	jdiaka@fau.edu	954 236-1135 (Davie)DW 442	Reproductive pathophysiology and oncology	
Lyons, Jay	hlyons@fau.edu	(954) 236-1117 (Davie),DW 430	Cellular physiology and cell signaling processes	
Milton, Sarah L.	smilton@fau.edu	561 297-3327 (Boca)SC 288	Vertebrate anoxia tolerance, marine turtle physiology	
Murphey, Rod	rmurphey@fau.edu	561-799-8050	Development and degeneration of synapses	
Porter, Marianne E.	me.porter@fau.edu	561-297-1288 (Boca) SC 211	Biomechanics and functional morphology and physiology	
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Scheurle, Daniella	dscheurl@fau.edu	561 297-2904 (Boca)SC 229	Antimicrobial effects of plant extracts, Interactions of bacteria and phages	
Theisen, Tim C.	ttheisen@fau.edu	954 236-1061 (Davie)DW 443	Movement patterns, population structure and physiology of marine fish	
Wyneken, Jeanette	jwyneken@fau.edu	561 297-0146 (Boca),SC 266	Integrative biology, comparative and functional morphology	
Zhang, Xing-Hai	xhzhang@fau.edu	561 297-1011 (Boca),SC 262	Plant physiology, molecular biology and biotechnology	