

**SCIENCE IV RENOVATION / PROGRAMMING STUDIES 2011-12**

State University Construction Fund

**THE PROJECT**

DLM was asked by Ashley McGraw Architects to collaborate with them on developing a program for the renovation of the Science IV building at Binghamton University. The 2010 Binghamton University Facility Master Plan (FMP) called for a multi-phase renovation program to modernize the extensive complex of existing science buildings. The goal of the programming was to first determine the potential of the building to provide some multi-disciplinary space for the science division, and then to assist the Psychology department in defining a set of 21st century science spaces to support researchers, graduate students and undergrads. This first phase of the project focused on renovating approximately 50 percent of the building to allow the department to continue operations in the other half during the construction period.

**CHALLENGE**

The project concept was to provide state-of-the-art space for the Psychology department including classrooms, instructional labs, research labs, faculty and department office suites, office space for graduate students and storage space.

The challenge of the project was to define all spaces needed in conformance with the University's strategic goal to promote interdisciplinary collaboration, SUCF's space planning guidelines and current best practices, and to identify the optimal adjacencies among the spaces to create the most functional, effective, and engaging facility for the department's activities. The challenge had to be accomplished in just half of the building to allow for on-going operations on a logical manner that dovetails with the comprehensive renovation of Binghamton's entire science complex.

**SOLUTION**

The programming relocated the department office to be adjacent a newly-defined front door to provide visibility, and a welcoming, functional presence for faculty, students and the many department research participants who visit the building. Research suites for investigations in behavioral and neuro-science topics are located on each floor to maintain a strong relationship between

07488 - SCIENCE IV - PHASE 1 RENOVATIONS										Phase			
SUMMARY FACILITY PROGRAM version 4										Phase 1		Phase 2	
Space ID	HEQB	Space Type	Stations	NSF	No. of Spaces	Total NSF	Space Plan	Concept	Phase 2	Phase 1	Phase 2	PROGRAM NOTES	PHASE NOTES
							NASB	Option 2	NASB				
<b>PSYCHOLOGY</b>													
PSY 01	310	Office, Department / Reception	1	180	1	180	180	180	0	Y	N	Part of Department Office	
PSY 02	310	Office, Administrative / Clerical	1	120	4	480	480	480	0	Y	N	Part of Department Office	
PSY 03	311	Office, Chair	1	180	1	180	180	180	0	Y	N	Part of Department Office	
PSY 04	311	Office, Professional	1	120	2	240	240	240	0	Y	N	Part of Department Office	
PSY 05	311	Office, Faculty	1	150	24	3,600	4,017	3,867	0	Y	N	Office space "overage" is related to existing building	
PSY 05z	311	Office, Faculty (Growth Request)	1	150	6	900	0	0	0	N	Y	Phase 2 number reflects additional Departmental request for 6 FO more than originally programmed	NASF deficit may be workable
PSY 06	311	Office, Faculty - Adjunct	2	120	2	240	205	150	88	Y	N		
PSY 07	311	Office, Faculty - Emeritus	2	120	0	0	0	0	0	Y	N		
PSY 08	311	Office, Faculty - Visiting	2	120	1	120	102	0	120	Y	N		
PSY 09	313	Office, Graduate Teaching Assistant, Part-time	11	440	5	2,200	0	1,895	505	N	Y		53 stations included in Research Labs
PSY 10	313	Workstation, Student Worker	1	40	2	80	80	80	0	Y	N	Part of Department Office	
PSY 21	311	Office, Centers & Institutes	2	120	3	360	0	0	360	N	Y	Added to staff office	
PSY 11	315	Office Support, Storage	1	120	1	120	120	120	0	Y	N	Part of Department Office	
PSY 12	315	Office Support, Workroom / Copier	2	200	1	200	235	635	0	Y	N	Part of Department Office	
PSY 13	350	Conference Room	24	600	1	600	600	600	0	Y	N	Part of Department Office	
<b>Subtotal Office</b>					<b>54</b>	<b>6,600</b>	<b>6,435</b>	<b>9,129</b>	<b>1,073</b>			Phase 2 number reflects additional Departmental request for 6 FO more than originally programmed	
<b>Class Labs</b>													
PSY 14	210	Cognition/Perception Lab - Meeting Room	30	750	1	750	750	750	0	Y	N		
PSY 15	220	Cognition/Perception Lab - Experimental Stations	15	750	1	750	750	750	0	Y	N		
PSY 16	225	Cognition/Perception Lab Service	0	250	1	250	100	100	100	Y	N		
<b>Subtotal Class Lab</b>					<b>3</b>	<b>1,750</b>	<b>1,600</b>	<b>1,600</b>	<b>100</b>				

SUMMARY FACILITY PROGRAM BY: DOBER LIDSKY MATHEY



DIAGRAM BY: ASHLEY MCGRAW ARCHITECTS

faculty office and lab space. High-quality office space for graduate students was included to provide a productive home base for these important members of the department.

**RESULTS**

The project is currently in the design development stage. It is scheduled to be open for the fall semester, 2014. The second phase of the project is scheduled to follow the completion of the first phase.

**REFERENCE**

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**PRINCIPAL IN-CHARGE**

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CREATING CAMPUS SOLUTIONS