

Glass Art and Science: An International Collaboration VICARTE, Caparica, May 8 – May 16, 2009

Penn State University and Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa

Workshop: Introduction to Glassblowing Techniques and the Science of Glass

The over-arching goal of this program is to promote innovative activities and collaboration between **Penn State University** and the Universidade Nova de Lisboa in the art and science of glass. The specific objectives of this Workshop are twofold: to teach and practice basic skills in glassblowing AND to discuss ongoing research activities in glass art and science. There will be one day dedicated to pâte de verre and kiln casting.

Up to six or eight students from the New University of Lisbon, and from the Faculty of Fine Arts from Lisbon and from the Faculty of Fine Arts from Oporto will be eligible to take the **glassblowing lessons**. (one day will be dedicated to pâte de verre and kiln casting). They are intended for beginners. No experience is required. There will be demonstrations of basic techniques combined with supervised working time in the studio. These lessons will require a commitment of at least 5 days (see schedule), not including the time for lectures, student talks and the trip to Marinha Grande which will include glass blowing at CRISFORM, and a short visit to the Museum of Glass and to a glass industry.

The lectures and student talks will be open to any and all students affiliated with the Research Unit VICARTE, “Vidro e Cerâmica para as Artes”, and to students from other Departments who are interested in glass art, whether they take the glassblowing lessons or not. The faculty from both Penn State and Lisbon will present selected lectures, while the students will make presentations about their projects.... whether art, conservation or science.

If you are interested in applying for this program, you are required to file an application and submit to Prof Antonio Pires de Matos before April 3, 2009. (apmatos@fct.unl.pt)

Application:

Just send by email the following information

Glassblowing lessons and pâte de verre? Yes or No?

Name

Degree program and class standing

What is your art, conservation or science project? Describe briefly, emphasizing interface with art or science if relevant.

Why do you want to learn glassblowing (assuming you are also applying to take the lessons)?

Do you have any experience in glassblowing or other glass art techniques? Describe briefly.

Do you intend to enroll in the Master of Glass Art and Science starting in September 2009 (www.vicarte.org)?

	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9 am	arrival	Glassblowing I	Pate de verre and Kiln casting – Teresa Almeida	Glassblowing II	Glassblowing III	Field Trip to Marinha Grande	Art and Science I	Art and Science II	
		Safety and Tools; Demo gathering, behavior of the glass, frit pick-up and working at the bench to make a flower.		Demo jack-lines, shaping with the jacks, making a snowman	Demo working with paper, punties and transfers		Student Presentations: 4 Lisbon, 1 PSU	Student Presentations: 4 Lisbon, 1 PSU	Sightseeing
		-each student try		-each student try	-each student try				
		Demo marvering, jacks, 2 nd gather and small paperweight		Demo starter bubble, blowing and jacking a bubble	Demo making a cup		Lecture art faculty member: ???	Lecture science faculty: ???	
		-each student try		-each student try	-each student try				
		Lunch/Lecture		Lunch/Lecture	Lunch/Lecture				
		PMatoss + Quintas:		Pantano:	Babb:				
		Centre Overview		What is Glass?	Studio Art Movement				
7 pm							Demo advanced glassblowing	Demo advanced glassblowing	
	Carlo, Dave, Jen and Jess set-up and get familiar with the studio	Supervised blow-slots; two students each:		Supervised blow-slots; two students each:	Supervised blow-slots; two students each:		Supervised blow-slots; two students each:	Supervised blow-slots; two students each:	
		1300 Blow Slot 1		1500 Blow Slot 1	1500 Blow Slot 1		1500 Blow Slot 1	1500 Blow Slot 1	
		1430 Blow Slot 2		1630 Blow Slot 2	1630 Blow Slot 2		1630 Blow Slot 2	1630 Blow Slot 2	
		1600 Blow Slot 3		1800 Blow Slot 3	1800 Blow Slot 3		1800 Blow Slot 3	1800 Blow Slot 3	
		Outcome: make flowers and small paperweights		Outcome: make and shape hollow pieces	Outcome: make a cup beginning to end		Outcome: work off a sketch; develop skills	Outcome: develop skills	
		Reception							