Donations

The NCF welcomes donations of any kind. The contributions listed below have helped us improve the micro/nano fabrication/characterization facility that we can offer our non-profit* and industrial users**. The NCF offers access, training, service, and process guidance on ~$4M worth of MEMS/Nano equipment. This includes $2M worth of equipment that has been added in the last 5 years that was made possible by donations, grants, and NCF user fees. Please contact the NCF Director, Dr. Antonio DiVenere, if your organization is interested in contributing to the NCF.

* Non-profit users: Argonne, Drexel, IIT, Northwestern, Purdue, University of Chicago, UIC, and the University of Nebraska-Lincoln

** Industrial users: Arryx, BioTechPlex, Cabot Microelectronics, Knowles, KVH, Molex, Motorola, Nanosphere, Northrop Grumman, Optobionics, Photonami, and Smart Pixel

Photonami Inc.	2001-2002 ~$180k of shared access equipment (RTP, Wire Bonder, and Die Bonder)
Tellabs	2002, ~$7k of NCF staff furniture in 3064 ERF
Knowles Electronics	2001, ~$400k of supplies, furniture, and equipment (Tencor Flexus, LFE Asher, and Dicing Saw)
Stratos Lightwave	2001, $6.5k, Bid-Tec spinner
Motorola	2000, $13k of miscellaneous process chemicals

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NSF-MRI (Major Research Instrumentation) grant, "Acquisition of a Raith 150 Electron Beam Lithography System for a Nanofabrication Education, Research Training and Exploration Consortium," $503k + UIC match $215k, 8/02-7/03. Consortium consisted of IIT, NIU, Notre Dame, Northwestern University, Purdue, UC, and UIC.

Illinois Dept. of Commerce and Community Affairs, "Midwest Nanofabrication Center-Deep Reactive Ion Etcher," $300k + $100k UIC match, 4/02-8/03.

Illinois Dept. of Commerce and Community Affairs, "Midwest Nanofabrication Center," $150k + $114k UIC match, 4/01-8/01. Allowed NCF to purchase Karl Suss MA6 Mask Aligner.

NASA Cross-Enterprise Technology Dev., "High Speed/High Accuracy Micro-Mirrors for Adaptable Surfaces and Multiple Shutters," $515k, 6/01 - 5/03. ($20k of UIC match used to purchase 10kHz digital camera

DARPA/MTO, "Fast Micro-mirrors with large angle deflections," $548k, 6/00-5/03. ($50k UIC match used to purchase optical profilometer)