

**Conference: The Cell and Molecular Biology of *Chlamydomonas* held June 6-10, 2010 in Boston, Massachusetts
Federal Award ID: 1019272**

The 2010 Conference on the Cell and Molecular Biology of *Chlamydomonas* was held June 6-10 near Boston, MA, and attracted a record 273 participants, 146 from US labs, 10 from Canada, and the remainder from 18 other countries. The single-celled algal protist *Chlamydomonas* is a key research organism for many investigators, including those who study photosynthesis, cell motility, adaptation to environmental stresses, the evolution of multicellularity, and the production of biofuels. *Chlamydomonas* researchers gather every two years at a research conference to exchange methods, develop collaborative efforts, disseminate recent findings, and plan large-scale studies to improve the usefulness of this unique research organism. This conference provides the only opportunity for *Chlamydomonas* scientists who work on different research problems to meet face to face, and greatly speeds progress in their respective fields. An important function of these *Chlamydomonas* conferences is to promote and showcase the work of younger scientists, and to attract new investigators into the *Chlamydomonas* community. DOE award #SC0004085 was used to offset the travel and registration costs for 18 young investigators, 9 of whom were women, including one African American. Most of these scientists would not have been able to attend the conference without DOE support.

A total of 208 research presentations were made at the meeting, 80 talks (63 presented by students, postdocs, and pre-tenured faculty) and 128 posters. Cell motility and biofuels/metabolism were the best-represented research areas, with a total of 77 presentations. This fact underscores the growing importance of *Chlamydomonas* as a research and production tool in the rapidly expanding world of biofuels research. A total of 28 talks and posters were presented on the topics of photosynthesis and stress responses, which were among the next best-represented research areas. As at several recent *Chlamydomonas* meetings, important advances were reported in the area of tool development, advances that conference attendees should be able to employ in their own labs to speed the analysis of gene function.

In summary, support from DOE award #SC0004085 helped to make the 2010 Conference on the Cell and Molecular Biology of *Chlamydomonas* an unqualified success. Thanks to that support it was possible to attract a new cohort of young investigators to this biennial conference. These young scientists benefited from the opportunity to present their results to, and to interact with, the international *Chlamydomonas* research community. The *Chlamydomonas* community benefited by learning about the advances reported by these scientists, and it will continue to benefit from the contributions these investigators will make as their training and careers progress.

PATENT CERTIFICATION

University of Maryland Baltimore County
Contractor

Interim Certification
 Final Certification

SC 0004085
DOE Prime and/or Subcontract Nos.

Contractor hereby certifies that:

1. All procedures for identifying and disclosing subject inventions as required by the patent clause of the contract have been followed throughout the reporting period.
2. There were no subcontracts or purchase orders involving research, development, and demonstration except as follows: [State none when applicable.]
3. No inventions or discoveries were made or conceived in the course of or under this contract other than the following (Certification includes , does not include all subordinates):
[State none when applicable.]

TITLE	INVENTOR	DATE REPORTED	DOE "S" NO.*
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NONE

4. The completion date of this contract is as follows: APRIL 30, 2011
5. The following period is covered by this certification:

05	01	2010	to	04	30	2011
Month	Day	Year		Month	Day	Year

University of Maryland Baltimore
County
Office of Sponsored Programs
1000 Hilltop Circle
Baltimore Maryland 21250

Sabrina P. Coppage
Signature
SABRINA P. COPPAGE, Manager
5/2/12
Date of Certification

* Also include Subcontract No. if available

FINANCIAL ASSISTANCE PROPERTY CLOSEOUT CERTIFICATION

Award Number SC 000 4085	Recipient (Name and address) University of Maryland Baltimore County 1000 Hilltop Circle, 21250
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The purpose of this report is to facilitate the closeout of the Award. Based on the records maintained by the Recipient in accordance with the Property Management standards set forth in the Award, the following data reflects the Recipient's closeout inventory of real and personal property that was provided by the Department of Energy (DOE) or partially or wholly acquired with project funds.

I. EQUIPMENT

A. **Federally-Owned:** (Government Furnished Equipment): (10 CFR 600.133(a), 600.232, 600.322, or Federal Demonstration Partnership (FDP) General Terms and Conditions No. 33, as applicable): No Yes

(If yes, attach property inventory list that includes item description, manufacturer, model, serial number, original acquisition date, original acquisition cost and disposal condition code per the Federal Management Regulation 102-36.240)

B. **Equipment Acquired with Award Funds where Title Vests in the Recipient with further obligations to DOE:** (10 CFR 600.133, 600.134, 600.232, or 600.321, as applicable)

No Yes

If yes, does the equipment have a per unit fair market value of \$5,000 or more? No Yes

(If yes, attach a property inventory list that includes item description, manufacturer, model, serial number, original acquisition date, original acquisition cost, disposal condition code per the Federal Management Regulation 102-36-240 and one of the disposition codes listed below)

- (1) The property will continue to be used for the purposes authorized in the Award.
- (2) The property is no longer needed for the purposes of the Award, and will be used on another Federally sponsored activity (List Activity and Federal Agency):
- (3) The Recipient wishes to retain the property and compensate DOE for its share of the current per unit fair market value. (Identify the fair market value on the attached property inventory list and describe how the value was determined).
- (4) The property is no longer needed for the purposes of the Award or other Federally sponsored activities and the Recipient requests DOE disposition instructions.

II. SUPPLIES (10 CFR 600.135, 600.233, 600.324, or FDP General Terms and Conditions No. 35, as applicable)

Does the residual inventory of unused supplies exceed \$5,000 in total aggregate value? No Yes (if yes, check block below)

- The supplies will be used on another Federally sponsored activity (List Activity and Federal Agency).
- The supplies will be sold or retained for use on non-Federally sponsored activities and the Recipient will compensate DOE for its share of the sales proceeds (or estimate of current fair market value). Attach a list of the supplies and complete the following Worksheet:

Sale proceeds or estimate of current fair market value.....	\$ _____
Percentage of Federal participation	_____ %
Federal share	\$ _____
Selling and handling allowance	\$ _____
Amount to be remitted to DOE	\$ _____

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PROPERTY CLOSEOUT CERTIFICATION

III. **REAL PROPERTY:** (Real Estate - 10 CFR 600.132, /600.231, 600.321, or FDP General Terms and Conditions No. 32, as applicable) No Yes (If yes, complete A-C)

A. **Description of Real Property:**


B. **Complete Address of Real Property:**

C. **Period of Federal Interest in the Property:** From _____ To _____ (Unless the award specifies otherwise, the Federal Interest in the property ends when the award project period ends.)

D. **Disposition Preference Request.** If the period of Federal Interest in the property exceeds the project period, check one of the following blocks to indicate your disposition preference:

- Transfer property to another Federal award.
- Sell and compensate DOE.
- Return to DOE.
- Retain title and compensate DOE for its share of the current fair market value of the property.

Certification: I certify to the best of my knowledge and belief that all information presented in this report is true, correct and complete, and constitutes a material representation of fact upon which the Federal government may rely.

Name	Signature	Title	Date
Sabrina P. Coppage Grants and Contracts Manager UMBC Office of Sponsored Programs			5/2/12

U.S. DEPARTMENT OF ENERGY

**FINANCIAL ASSISTANCE
PROPERTY CLOSEOUT CERTIFICATION**

To be completed by the Department of Energy:

DOE PROPERTY DISPOSITION

- Negative Report

- Real Property:

- Equipment:

- Supplies:

Property Management Official Name

Signature

Date