

the

Photon online

Graduation Supplement

Dear Readers,

Every year, the month of May brings a different mood to college campuses. Students are relieved that they've attended their last class, finished their last exam and wrote their last research paper. We would like to continue with the celebration by releasing the Photon's Graduation Supplement.

Congratulations graduates!

Your years of hard work will finally pay off and whether you're starting your first job, entering graduate school or taking time off, life will never be the same. And that's OK, because despite how frightening the real world appears to be, you are all prepared to enter it!

Every semester we sadly say goodbye to many of our new alumni that we've seen grow and mature over the past years. During this exciting time, I would like to remind you of our loyalty to you and your continual connection to the department of physics family. We urge you to stay in contact with us so that we can be a valuable resource for professional connections and mentorship. Visit the alumni section of our web site and we'll try our best to keep you in touch as well.

I hope that you all enjoy our special Graduation Supplement of the Photon. We've gathered information, photos, a list of graduates, honors and awards from the spring 2006 commencement ceremony. Congratulations, again, to the Physics graduating class!

Best,

Carole



DEPARTMENT OF
PHYSICS
UNIVERSITY OF MARYLAND



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COMMENCEMENT

The University of Maryland held its 2006 Spring Commencement on May 21st at the Comcast Center. President Mote conferred the degrees after the Honorable Paul Sarbanes, a member of the U.S. Senate, gave the address.

The College of Computer, Mathematical and Physical Sciences held a Commencement Ceremony on May 22, 2006 in the Reckord Armory. Alumnus, Dr. Robert F. Brammer, Vice President and Chief of Technology Officer of Northrop Grumman Corporation, was the guest speaker.



For more information, visit <http://www.commencement.umd.edu/>



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GRADUATES

Undergraduate Degree: The bachelor's degree represents the completion of a four-year course of college-level study and is the oldest academic degree awarded by American Institutions of higher learning.

Physical Sciences
Katherine Louise Kleespies
Rebecca Marie Kurtz
James Oliver Sharpe
Joshua Mikel Wustner

Physics
Jupiter Anthony Galagar Bagaipo
Barbary Ellen Brawn
Elisheva Bresler
Ronald Alexander Checkai
Aleksy Cherman
Christie Kayee Chew
Alexis Shana Monet Cornish
Michael Augustine Creaghan
Max Anton Cubillos-Moraga
Alexandra Elizabeth Curtin
Vassili Demergis
Timothy Ryan Dulaney
Robert Samuel Ephraim
William M. Fisher

Sarah Madalen Fixsen
Matthew S. Freeman
Bernie Jerome Gabin
Alexander William Hooke
Joshua Aaron Kaufman
William James Keay
Meem Mahmud
James Stanton McNamee III
Adam Edward O'Donovan
Issac Mordecai Pollack
Justin Lee Ross
Amanda Marie Schmidt
Gregory Butler Vieira
Brian G. Walker
Julia Cheek Young

Master's Degree: The master's degree is an academic honor bestowed upon students who have successfully completed work beyond the baccalaureate. A thesis and an oral examination are usually required.

Ingmar Broemstrup
Ryan M. Clary
Brad R. Conrad
Andrew Skinner
Brendan Wyker

Doctoral Degree: The doctor's degree represents the most advanced earned degree conferred by American Institutions. There are two distinct types: the practitioner's degree and the research degree.

Yung-Fu Chen
Semiconducting Carbon Nanotube Transistors: Electron and Spin Transport Properties

Masashi Degawa
Equilibrium and Non-Equilibrium Properties of Finite-Volume crystallites

Paul W. Gresser
A Study of Social Interaction and Teamwork in Reformed Physics Laboratories

Tanja Horn
The Pion Charge Form Factor through Pion Electoproduction

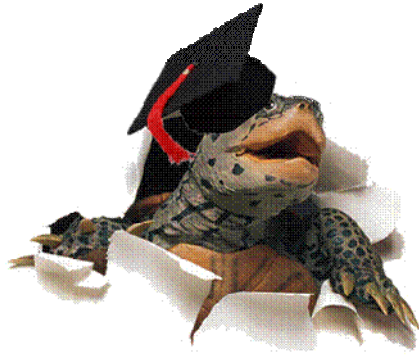
Xuefeng Hua
Mechanics Studies of Plasma-Surface Interactions during Nanoscale Patterning

Derek D. Hullinger
Early Afterglow Evolution of X-Ray Flashes Observed by Swift

Ahmad S. Idilbi
QCD Resummation of Soft Gluons in Effective Field Theory

Soun P. Kwon
Design of a Large Bandwidth Scanning Squid Microscope Using a Cryocooled Hysteretic DC SQUID

Jianglai Liu
A Measurement of the Strange Quark Contributions to the Electromagnetic Form Factors of the Nucleon



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AWARDS & HONORS



University Honors

Summa Cum Laude
Timothy Ryan Dulaney- High Honors in Mathematics and Physics

Magna Cum Laude
Max Anton Cubillos-Moraga- High Honors in Physics

Cum Laude
Barbara Brawn- High Honors in Physics
Vassili George Demergis- High Honors in Physics
Amanda Marie Schmidt- High Honors in Physics
Joshua Kaufman

Departmental Honors

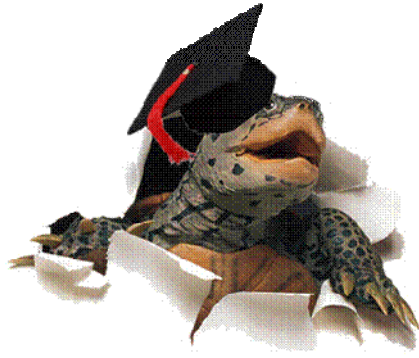
Barbara Brawn- High Honors in Physics
Max Anton Cubillos-Morgana- High Honors in Physics
Alexandra Elizabeth Curtin- High Honors in Physics
Timothy Ryan Dulaney- High Honors in Physics
Amanda Marie Schmidt- High Honors in Physics
Joshua Kaufman- Honors in Physics

Awards

Barbara Brawn, Alexandra Curtin, Vassili Demergis and Amanda Schmidt were awarded the 2005/2006 Monroe Martin Award, for completing outstanding undergraduate research. This award is sponsored by the Institute for Physical Sciences and Technology.

Brian Bryce and Timothy Dulaney were recognized by the University of Maryland Department of Physics for having the Most Outstanding Honors and Thesis Defense.

Christie Chew was the recipient of this year's University of Maryland Department of Physics Jerry B. Marion Award. In recognition of her outstanding academic performance, great concern for education and the promise of becoming a fine teacher.



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