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DID YOU KNOW?

*Drexel offers more than 40 fellowships per year.

*In 2006, 40 students earned PhDs from Drexel's College of Engineering.

*Research expenditures for Drexel's College of Engineering exceeded \$35M in 2006

FOR MORE INFO

about Drexel's College of Engineering click [here](#)

Prepared by Katie Gibson
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Drexel University is an institution deeply committed to excellence in education, research, and service to the engineering community. Through these pages you'll meet some of our outstanding faculty members and learn about their cutting-edge research. To find out more about the funding opportunities available to graduate students, please click [here](#).

-Dr. Mun Choi, Associate Dean,
Research & Grad Studies



[Dr. Mun Choi,](#)
Associate Dean

PROFESSOR RECEIVES RESEARCH FELLOWSHIP

Dr. Steven Wrenn (PhD University of Delaware) is associate professor in the Department of Chemical and Biological engineering, was recently awarded a [Humboldt Research Fellowship](#) from the Alexander Von Humboldt Foundation and will be conducting research at [Ruhr University](#) in Bochum, Germany during part of the 2007 academic year. The focus of the research will look at how ultrasound waves interact with lipid membranes for applications such as wound healing and drug delivery, and specifically, to understand how acoustic waves create holes in membranes.



[Dr. Steven Wrenn,](#)
CBE

COMPUTER IMAGERY ENHANCED

Dr. Ko Nishino (PhD University of Tokyo) is assistant professor in the Department of Computer Science and his research interests lie at the intersection of Computer Vision and Graphics. He strives to develop novel models and efficient computational algorithms to better extract, represent, and regenerate visual information from photographs and videos of the real world. He believes that realistic synthesis of real world appearance will not only breathe life into computer generated imagery, but will also lead to more accurate interpretations of natural images.

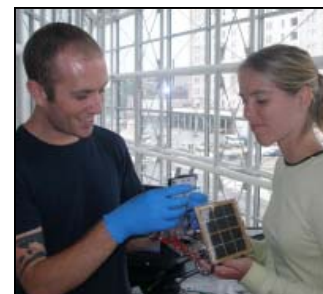


[Dr. Ko Nishino,](#)
CS

STUDENT'S PAPER PUBLISHED IN *Science Magazine*

John Chmiola, Materials Science and Engineering (MSE) PhD student and NSF and IGERT fellow, worked with faculty advisor [Dr. Yury Gogotsi](#), MSE research assistant professor [Dr. Gleb Yushin](#), and post-doctoral researcher Cristelle Portet (MSE) along with colleagues from the Université Paul Sabatier in France to publish the first ever paper in *Science* magazine related to supercapacitors.

The supercapacitor research deals with increasing the efficiency of these energy storage devices that are most commonly used in backup power applications.



[John Chmiola &](#)
[Cristelle Portet](#)

COE GRADUATE
PROGRAMS

[Architectural
Engineering](#)

[Biochemical
Engineering](#)

[Chemical
Engineering](#)

[Civil Engineering](#)

[Computer
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[Telecom
Engineering](#)

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**KOERNER FELLOWS RECEIVE GENEROUS FUNDING
FOR DOCTORAL STUDIES**

This year four outstanding individuals were awarded the Koerner Fellowship. This fellowship specifies that award recipients must be studying towards a PhD in engineering and should have a high likelihood of seeking an academic career upon graduation. Fellowships carry a stipend of \$2,000 per month. Congratulations to the 2007 Fellows:

Nick DeLuca: Chemical & Biological
Christopher Hovanec: Materials
Nicholas Kirsch: Electrical & Computer
David Staack: Mechanical

For more information please visit the [Koerner Fellows](#) website.



[Dr. Robert M. Koerner,](#)
CAEE

GAANN FELLOWSHIPS AWARDED

Drexel's CoE offers Department of Education [GAANN Fellowships](#) to assist graduate students of superior ability who plan to pursue a doctoral degree in engineering; support of PhD students for stipend and tuition of up to \$41,500 per year.

COE PH.D GRADUATES ENTER ACADEMIA

Kirk Grimmelsman, Ph.D. ('06, [MEM](#)) will start his academic career as an Assistant Professor in the Department of Civil Engineering at the University of Arkansas. At Drexel, Dr. Grimmelsman worked under the guidance of [Dr. Emin Aktan](#).

Ahmet Yozgatligil Ph.D. ('05, [MEM](#)) will start his academic career as an Assistant Professor in the Department of Mechanical Engineering at the Middle East Technical University (METU) in Turkey. At Drexel, Dr. Yozgatligil worked under the guidance of [Dr. Mun Choi](#).

Karen Yan, Ph.D. ('03, [MEM](#)) will start her academic career as an Assistant Professor in the Department of Mechanical Engineering at the College of New Jersey. At Drexel, Dr. Yan worked under the guidance of [Dr. Albert Wang](#).

Teeranoot Chanthasopeephan, Ph.D. ('06, [MEM](#)) will start her academic career as an Assistant Professor in the Department of Mechanical Engineering at the King Mongkut's University of Technology in Thailand. At Drexel, Dr. Chanthasopeephan worked under the guidance of Dr. Jaydev P. Desai.

Tom Dziubla, Ph.D. ('05, [CBE](#)) will start his academic career as an Assistant Professor in the Department of Chemical Engineering at the University of Kentucky. At Drexel, Dr. Dziubla worked under the guidance of [Dr. Tony Lowman](#).

Binil Starly, Ph.D. ('05, [MEM](#)) recently accepted a tenure-track faculty position in the Industrial Engineering department at the University of Oklahoma. At Drexel, Dr. Starly worked under the guidance of [Dr. Wei Sun](#).

Miladin Radovic, Ph.D. ('05, [MSE](#)) recently accepted a tenure-track faculty position with the Mechanical Engineering department at Texas A&M University. At Drexel, Dr. Miladin worked under the guidance of [Dr. Michel Barsoum](#).

**2007 Hill Fellowship
Awardees**

Bora Beran (CAEE)
Trip Denton (CS)
Ehsan Jabbarzadeh (CBE)
Jae Nam (MEM)
Ezgi Taslidere (ECE)
Kishore Tenneti (MSE)
Zhen Zhao (ECE)

**2007 GAANN Fellowship
Awardees**

MEM
Angela Brown (CBE)
Patricia Valenzuela (MSE)
Kevin Towles (CBE)
Kara Spiller (CBE)
Lauren Shor (MEM)
Tony Shackelford (ECE)
Vefa Narli (MEM)
Chris Massey (MSE)
John Fitzpatrick (MEM)
Jean-Etienne Dongmo (MEM)
Robert Chang (MEM)

MSE-DREAM
Jennifer Atchison (EGMT)
Naomi Barth-Hampson (MSE)
Brendan Donohue (MSE)
Anthony Fast (MSE)
Oren Leaffer (MSE)
Brandon McWilliams (MSE)
Aaron Sakulich (MSE)
Jessica Schiffman (MSE)

CAEE
Karen Joy (IST)
Mark Weir (CAEE)