

## ADVANCE Briefing

September 2013

PURDUE  
UNIVERSITYPurdue Center for Faculty Success  
207 S. Martin Jischke Drive  
West Lafayette, IN 47907Phone: (765) 494-9407  
advance-cfs@purdue.edu**Leading the Way: Research Careers in Engineering**

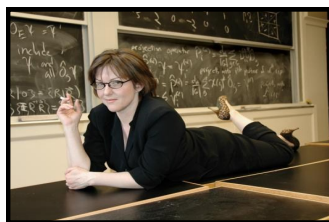
Want to launch a successful career in research? Two Purdue Engineering Education Associate Professors can show you how it's done.

**Monica Cox** and **Alice Pawley** began their academic careers at Purdue University by winning the National Science Foundation's award for outstanding researchers, the Faculty Career Development Program. The award, which includes a sizeable grant amount, can, in rare cases, like theirs, be followed with a Presidential Early Career Award for scientists and engineers, thereby bestowing upon them the highest honor given to outstanding scientists and engineers by the U.S. government.

Now that both Cox and Pawley have gone on to attain associate professorships, tenure, and more than \$15 million in federal research grants in the highly competitive world of academic research, what advice do they have for students that want to follow their same career path?

For the full-length article on Cox and Pawley's research advice, visit the ADVANCE Purdue's website—[www.purdue.edu/dp/advance](http://www.purdue.edu/dp/advance).

*Congratulations to **Carol Post**, professor of medicinal chemistry and molecular pharmacology, for winning the Chaney Faculty Scholar Award, the highest research award given to faculty by Purdue University's College of Pharmacy.*



*Gioia De Cari, playwright and performer, in **Truth Values: One Girl's Romp Through MIT's Male Math Maze**.*

Gioia De Cari went to MIT for her Ph.D. in Mathematics, but came away with a Master's Degree instead, and an idea for a play that formulates the difficulties women often face in seeking higher education in male-dominated fields.

Known as **Truth Values: One Girl's Romp Through MIT's Male Math Maze**, the play has been embraced by colleges and universities across the nation, as a conversation catalyst about gender equity for women, and their continued underrepresentation in math, science, technology and engineering.

"I had no intention of writing anything educational," De Cari said. "It is an autobiographical story from my life because years ago, I was a mathematician."

As it turns out, she's also a playwright, and an actor with some 'mathitude.'

ADVANCE Purdue will host **Truth Values on Wednesday, November 13 at 7 p.m. in Fowler Hall/Stewart Center**. In this critically-acclaimed one-woman show, De Cari brings to life more than 30 characters in a humorous, insightful look at the challenges of professional women in academia.

A panel discussion with the artist will follow the performance. Attendance is **free**, but you are encouraged to show up early for best seats.

## ADVANCE PURDUE

CENTER FOR FACULTY SUCCESS



## Faculty Search

## Committee Workshops

**When and Where?**

Monday, September 16, 2013 or  
Thursday, October 10, 2013  
8:00 AM-12:00 PM  
PMU West Faculty Lounge

**Who should attend?**

Search Chairs and Committee Members  
Department Heads and Associate Heads

**RSVP**

Please RSVP for the workshops by copying this URL to your web browser :  
[https://purdue.qualtrics.com/SE/?SID=SV\\_d6ja4Dirug9ZiZ](https://purdue.qualtrics.com/SE/?SID=SV_d6ja4Dirug9ZiZ)



ADVANCE-Purdue (NSF #0811194) is an institutional transformation project funded by the National Science Foundation that targets the recruitment, retention and advancement of female STEM faculty. At the heart of ADVANCE-Purdue is the Purdue Center for Faculty Success, a campus center located in Discovery Park that develops programming and implements activities and events for all Purdue faculty members.