

# Industrial Blueprint

-The IOE Student Newsletter-

Volume 21, Issue No. 1

Brought to you by APM and IIE

October 2007

## Undergraduate Walk-In Counseling Hours

### Professor Yili Liu (Program Advisor):

By appointment  
In G622 IOE  
E-mail: [yililiu@umich.edu](mailto:yililiu@umich.edu)  
Phone: 763-0464

### Brian Rumao (IOE/EGL Peer Counselor):

Mondays: 9:00-10:30am  
Wednesdays: 9:00-10:30am, 3:30-5pm  
Fridays: 9:00-11:30am  
In 1749 IOE  
E-mail: [brumao@umich.edu](mailto:brumao@umich.edu)

### Barbara Fordyce (IOE/EGL Peer Counselor):

Mondays: 1:30-5:00pm  
Tuesdays: 10:30am-12:00pm  
Fridays: 11:30am-4:00pm  
In 1749 IOE  
E-mail: [bfordyce@umich.edu](mailto:bfordyce@umich.edu)

### Steven Agacinski (IOE/EGL Peer Counselor):

Tuesdays & Thursdays: 12:00pm-1:30pm  
Wednesdays: 11:00am-3:00pm  
In 1749 IOE  
E-mail: [spagaci@umich.edu](mailto:spagaci@umich.edu)

### Wanda Dobberstein (IOE Undergraduate Advisor):

In 1603 IOE  
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## *A Few Words From the Editor . . .*

**H**ey everyone. It's the start of a new school year and the start of a new era for the Blueprint. Two-year editor, Franklin Jen, has moved on to bigger and better things, primarily warm weather and an income. So, for the next eight months you're going to get a slightly different Blueprint. For those of you new to the department, welcome to a world of statistics, demographic diversity (i.e. females) and endless questions about what exactly your major means. We hope to provide you with some valuable information that will make the next few years a little bit easier and perhaps even help convince you that you've made the right decision.

This issue's dedicated to all of us who don't have exploding offers on the table and had some success at a kleptomaniac's heaven: the career fair. Hopefully, you've started interviewing for your positions. If you haven't gotten that call back or you're on to the next round, but felt you stumbled, take a look through the Blueprint and pick up a few pointers to help you get that job. Or at the very least get yourself ready to schmooze with interviewers long enough to not feel guilty for all the free food and trinkets you've gotten from them up to this point.

And if you do get a job, we'll gladly take any headhunting fees if we can help you get a job.

—Punit Mattoo

## Upcoming Events

October 26	IOE Get-together
October 26-27	Parents Weekend
October 31	Halloween
November 3	Football @ MSU

**Visit the IOE Department Website:**  
<http://www.ioe.engin.umich.edu/ugrad.html>

## IOE Student Societies

### Alpha Pi Mu (APM)

<http://www.engin.umich.edu/soc/apm>

The only nationally accepted industrial engineering honor society, APM membership is based on GPA. All students with junior or senior standing are considered. APM sponsors numerous events every year; highlights from last year include the IOE Bar Crawl and IOE t-shirt sales.

### Engineering Global Leadership (EGL) Honor Society

<http://www.engin.umich.edu/students/support/egl/>

EGL is a five-year program that combines engineering curriculum with courses in the Business school and LS&A, culminating in a Bachelor of Science degree and Masters degree in Engineering. EGL is designed to help students improve the bridge between business and engineering in industry, as well as give its members a cultural background to work in an increasingly global market. EGL is no longer an IOE/ME only honor society, but its membership features plenty of IOEs.

### Human Factors and Ergonomics Society (HFES)

<http://www.engin.umich.edu/soc/hfes>

Nationally, HFES is a professional society whose mission is to “promote the discovery and exchange of knowledge concerning the characteristics of human beings that are applicable to the design of systems and devices of all kinds.” The student chapter at Michigan leads multiple Center for Ergonomics lab tours and attends conferences throughout the year.

### Institute of Industrial Engineers (IIE)

<http://www.engin.umich.edu/soc/iie>

Another society with links to a national professional society, IIE’s main goal is to “provide an awareness of the Industrial and Operations Department and its resources” at Michigan. The student chapter acts as a conduit to the local Detroit IIE chapter and a networking hub for all IOEs at U of M. IIE sponsors plant tours and features corporate speakers at meetings.

### Institute for Operations Research & the Management Sciences

<http://www.engin.umich.edu/soc/informs>

### Outstanding Multicultural Industrial Engineers (OMIE)

<http://www.engin.umich.edu/soc/omie/>

## What’s that Website...?

By Punit Mattoo

Sure, the above groups provide a wealth of information to help you get around the department and more involved with your university, but there are still a litany of helpful UM websites that can make your life a lot easier and more enjoyable. Some of them you knew about, but hopefully a few provide new services that you always complained weren’t available as part of those tuition payments that bring your bank account balance to depressingly low levels. That’s why we’re here for you.

### Mschedule

<http://www.mschedule.com>

So many classes, so few hours in the week. If you’ve ever struggled with building that ideal schedule only to realize you’ve got only 10 min to get from the business school to north, Mschedule is here to help you. Enter in the classes you want to take and it will build a schedule for you. You can set preferences to avoid early sections or even allow overlaps if you decided that intro to psych class may not require your attendance.

### UM\*events

<http://www.events.umich.edu>

If you’re bored and realize that a seventh hour of HBO On-demand might not be the best idea, UM\*events can help you figure out what to do. It lists all events on campus, ranging from speeches to art shows to performances. They also include detailed descriptions and links to the organizers’ websites. So, if you find yourself complaining that there’s nothing going UM\*events is here to help you stop your whining and utilize the University’s resources.

## A Few Words From IOE's New Undergrad Advisor

By Wanda Dobberstein

Greetings IOE students! I am excited to be part of the IOE family again. I came to U of M as the department secretary in IOE ten years ago. After two years in IOE, I accepted a new position in Engineering Undergraduate Education where I was responsible for various administrative tasks associated with first-year courses: Engineering 100, 101, 110. During the last three years in Undergraduate Education, I also advised first-year and undeclared students in the Engineering Advising Center. Since coming to IOE, I've had the opportunity to reconnect with some of the students I met during their first year at U of M, as well as meeting many of you for the first time.

In my "other life" I am a proud mom and grandma. I have three grown children, one of which is a U of M Business School grad so I do know a little of what you are going through! I have two grandchildren and another on the way.

It's never easy stepping into a role that has been handled with ease by someone else for so long, in this case, Pam Linderman. That is why I appreciate your patience as I get to know you all and a special thanks for giving me such a warm IOE welcome.

## Ditch the Magic 8-Ball and Come to Peer Counseling

By Brian Rumao

While Wanda can provide some of the technical information regarding classes and whether or not you're actually going to graduate, you might still need a little bit more advice about which courses to take next semester. Wondering what you can do with an IOE degree? Still can't figure out the difference between a humanities "sequence" and "series"? Looking for something to do between classes?

Your best bet for these and more is IOE Peer Counseling, located in 1749 IOE. We're in that cozy office, down the hall from the commons room. And that shiny laminated paper on the door can tell when to find us there.

IOE Peer Counselors are ready to share their priceless IOE knowledge with you. The counselors hold office hours Monday through Friday (exact times are listed on the front page of the Blueprint) and can help you make the right decisions for your future. If you want to chat about scheduling courses, or just want to vent about a hard exam, we're here for you. Also, if you're interested in joining Engineering Global Leadership, all of the peer counselors are EGL members, so they can definitely help you learn more about the program. So, stop by. All the cool kids are doing it.

## What Else has Changed on Campus?

By Punit Mattoo

The annual return to campus always brings a few surprises. Places you loved/hated disappear and new things pop up in their place. In our case this year, we even ended up with a giant new structure on North. But just as fast as these places come in do the whispers of an imminent demise begin. For some businesses, it's a little more obvious (video game place on South U, anyone?) while others are a little more unexpected. The Blueprint lists a few of the changes, and the percentage chance that they're still going to be here four years from now:

### Quizno's

The big change on North was the arrival of Quizno's in the former home of Stache's. The move comes as no surprise since Leonardo's was fairly slow and unappetizing. The new business has been a success with long lines that have somewhat abated the wait at Panda Express. With few dining options on North, it's likely to stay. However, as the New York Times pointed out a while ago (read the article on nytimes.com), Quizno's locations have been closing left and right because of the high prices owners must pay corporate offices for the ingredients. It already took out the Main St location, and the North campus one could be next

*Chance of survival: 75%*

## Changed, cont'd

### Beansters

The growing coffee chain, Beansters, replaced Espresso Royale. Since I haven't really frequented these places too much, I can't comment on their product. Since Espresso has an established following and seemed to be pretty busy, I'm guessing it didn't leave because of poor business, and instead because of lease issues. Beansters seems to have dropped off a little bit in terms of quantity, but the easy access for Art students to get their requisite caffeine should provide a steady base of students. Considering that Beansters is actually owned by University Unions, anything short of a major health disaster would be unlikely to force the closure of the coffee shop.

*Chance of survival: 99%*

### Sava's Café

There are three black holes on campus where businesses have gone to die. Unfortunately, Sava's is in one of those places. The location by Buffalo Wild Wings has housed three restaurants in recent memory, including Pita Pit, which managed to fail on campus twice. While Sava's has pretty good, cheap food (3 dollar burgers, 4 dollar wraps), the general layout of the store might end up a problem. You can't really see into it from the street and there seem to already be a number of places people can eat on State Street.

*Chance of survival: 50%*

### The Giant Column on North Campus

Perhaps the most confusing addition to campus was the giant column on North Campus. Nobody knew where it came from, why it was there, and if there would be another one joining it. The Architecture school clears up some of the confusion with a website devoted to the column. "To memorialize Emil Lorch's seminal role in founding and establishing the University of Michigan College of Architecture as one of the country's first and finest, and to celebrate its centennial, the Taubman College of Architecture and Planning has erected a column. The marble column has been relocated from the courtyard of Lorch Hall—the old Art & Design Building on Central Campus—to the front of the Art & Architecture Building on North Campus, which has been home to the college since 1974."

*Chance of survival: 100% (It's a giant column and cost a lot to restore)*

## Alum Spotlight

### Justina Chiang

#### Graduation Year?

December 2005 – BSE IOE

December 2006 – MSE IOE

#### Company you work at?

GE Healthcare

#### City?

Milwaukee, WI

#### Job Title?

Operations Management Leadership Program

#### What exactly does that job title mean?

I rotate jobs every six months for two years. This program is designed to get a lot of exposure in the different supply chain jobs within GE Healthcare. As a result, you not only rotate within products, but also job roles. Jobs can vary from line supervisor to part procurement, though my current role is working on the shop floor, improving productivity within the CAT scan machine assembly line.

#### What kind of experiences in IOE (or UM) have helped most with your work?

For my current role, IOE 425 (lean) has been very helpful. I have used tools from the Learning to See book and applied them to projects here. In addition, having a good basis of finance and statistics has been important since they drive the business and most of the leadership's decisions. Finally, the experiences outside of class are integral. Getting internships and joining student societies really helped me understand what job I wanted after college and the type of company culture that I would fit into and want to be around every day.

#### Most Embarrassing Moment at Work?

So far... it would be walking into the boys bathroom – thank goodness no one saw!!

#### If I Could Do College Again?

I'd get more exposure into accounting and finance to better understand the business. I also wish I could have learned another foreign language. And on a slightly different note, I definitely should have spent more time at the bar.



## Senior Spotlight

*Sean Little*

### *Future plans?*

To graduate in April 2009 with my Masters in IOE then work for a consulting company like ZS Associates or McKinsey and Co. After I get burned out with that, I hope to obtain an MBA then settle down in industry.



### *Favorite IOE class?*

IOE 425, IOE 461 and IOE 310. The practicality of 425 and 461 are unparalleled while IOE 310 is just fun. I also liked 373 because I got to see what I programmed actually work.

### *Favorite non-IOE class?*

History 266: 20th Century American Wars was probably the best class I've taken at the University. The professor is awesome and he opens up a whole new perspective on the wars we have fought.

### *Favorite IOE professor?*

Amy Cohn.

### *Favorite IOE GSI?*

I have to say Punit because he is my GSI right now and forcing me to do this (note from Punit: I only strongly suggested). Next in line would be Shervin.

### *Favorite spot in Ann Arbor?*

The Arb. I hardly ever get out there but I really enjoy it. The more realistic spots for me would be the Brown Jug and any of the Main Street restaurants since I'm a sucker for good food.

### *Favorite place to study?*

Basement of the UGLi. Nothing else compares. Espresso Royale is a distant second.

### *Advice for the rest of us?*

Work hard, play hard. And also, my favorite quote from Tom Petty:

"You have four years to be irresponsible here. Relax. Work is for people with jobs. You'll never remember class time, but you'll remember time you wasted hanging out with your friends. So, stay out late. Go out on a Tuesday with your friends when you have a paper due Wednesday. Spend money you don't have. Drink 'til sunrise. The work never ends, but college does..."

**Email Punit  
([mattoop@umich.edu](mailto:mattoop@umich.edu)) or  
Brian ([brumao@umich.edu](mailto:brumao@umich.edu)) if  
you're interested in writing  
about your campus student  
group.**

## Senior Spotlight

*Stephanie Clarke*



### *Future plans?*

Hopefully sticking around an extra semester to get my Masters (and maybe catch a better football season)

### *Favorite IOE class?*

IOE 310 or 466

### *Favorite non-IOE class?*

Psych-353 about child development. Professor Schreier used a lot of her clinical experience to make the class more interesting and real.

### *Favorite IOE professor?*

Amy Cohn. Some how she made matrices interesting, even early in the morning.

### *Favorite IOE GSI?*

Wow, they are all so good. I really like Esra and Oben, but this year has a lot of promising candidates as well.

### *Favorite spot in Ann Arbor?*

Real Seafood, even if I'm not eating

### *Favorite place to study?*

Central-4th floor window table at the UGLI  
North- 3rd floor hard right

### *Advice for the rest of us?*

Have fun and get involved (join IIE)!

## Know Your Student Groups

### **Institute of Industrial Engineers**

By Kyle Spresser

IIE is the world's largest organization that supports industrial engineers. The University of Michigan chapter of IIE is supported by the National Division of IIE and a Professional chapter of IIE that is located in Detroit. The University of Michigan chapter of IIE puts on several different events throughout the year for the IOE department and other events just for IIE members. This year IIE plans to hold bar nights, rock 'n bowls, the Ohio State Challenge, and a members only event at Jump City. We have already enjoyed our first bar night, on October 4 at the Brown Jug. Over 60 IOEs enjoyed free appetizers and camaraderie on behalf of IIE. IIE also hosts companies that give informational sessions and are looking to hiring University of Michigan IOE Students. If you would like to join IIE (and if you are an IOE, then you definitely should, preferably now!) please visit the U of M IIE website, fill out a membership form, and turn it into the IIE mailbox in the IOE office.



## Interview Tips from Vault.com

### ***Controlling jitters before your interview***

The prospect of sitting alone in a room with a stranger and talking about yourself can be terrifying. You certainly don't want the stress to overwhelm you. If an interviewer's strongest impression of you at the end of the interview is the sweat on your brow, quiver in your voice, and the twitches in your limbs, you're in trouble. Here's how to put things in perspective.

Remember:

Someone at the organization likes you and thinks you have a chance to contribute. You've haven't been called in to be tortured -- you have a real shot at getting hired.

- If this interview doesn't work out, you will have another one. There are a lot of jobs out there.
- Every interviewing experience you have will prepare you to do better in the next one.
- The person sitting across from you was once sitting on the hot seat just like you, and they survived and got the job even though their voice trembled a bit and their knees knocked a little. Everyone's been through the situation and knows what it's like.

Just like everyone else, this person interviewing you has friends and casual acquaintances with whom they hang out. They aren't always so formal. Try to connect with your interviewer on a human level, without being too goofy and informal.

#### **Dealing with anxiety**

It would be a shame to let something as insignificant and short-lived as an attack of nerves conceal your winning attributes. Here are some tips to prevent nervous tics and other imperfections from interfering with your best interview ever.

- If you're concerned with a piece of clothing in your interview ensemble -- maybe the naked-lady tie is a little racy and you're on the fence about it -- change it. In addition to favorably impressing your interviewer, your clothes should do nothing but support and feed the confidence and comfort of the intelligent, sensitive creature wearing them.
- During the interview you'll want to look neat, clean, and well-composed. You should always wear a suit. Even if the workplace where you're applying is business casual (or has no dress code whatsoever.) Even if the interviewer tells you that you don't need to wear a suit. It's always better to overdress than underdress. Stick to conservative navy, gray or black. Women, wear pantyhose and closed-toes shoes.
- If a deficiency on your resume worries you, don't obsess on it and let it sink your spirits. Think about this deficiency and how you will explain it before you go in for the interview. It's there, so deal with it and move on. Remember, they've agreed to interview despite this flaw, so it can't be a stopper. If there is any way of putting a positive spin on it without making it a feature of the interview, plan a short but sweet response.

## **Career Workshop Calendar**

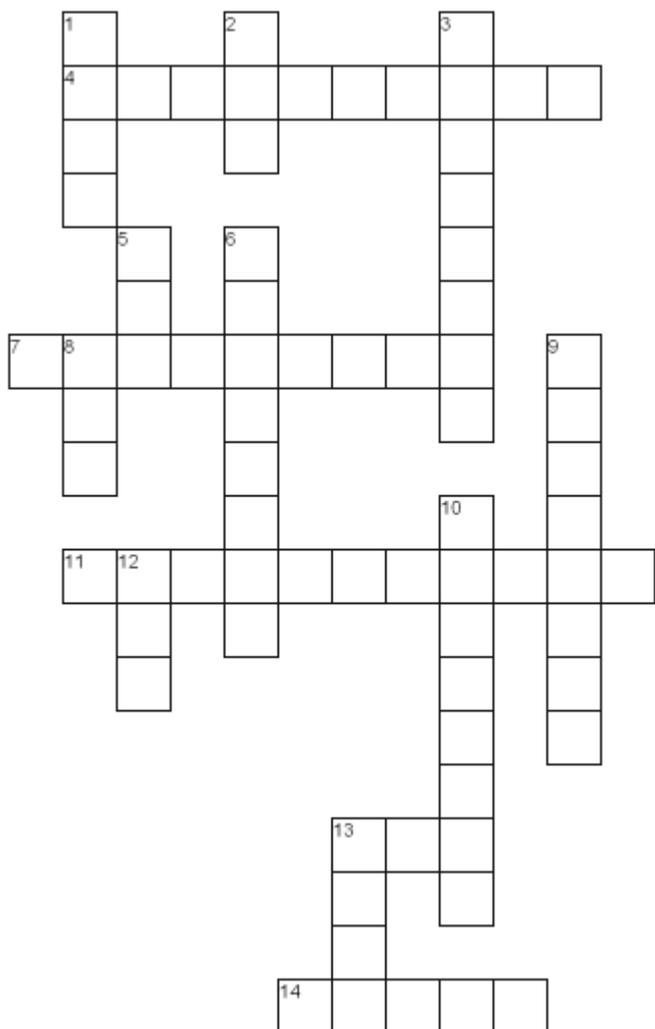
<b>Date</b>	<b>Event</b>	<b>Time</b>	<b>Location</b>
October 18	International Opportunities Fair	2-6 PM	Michigan Union
October 22	Interviewing Workshop by Int'l Instruments	5-7 PM	1670 CSE
October 23	Advanced HireME Workshop	5-6 PM	Computer lab 3358 Duderstadt
October 25	Resume Workshop	5-6 PM	1017 Dow

# IOE Summer Job Experience

Ramie	Abu-Zhara	DaimlerChrysler	Manufacturing Intern	Stuttgart, Germany
Austin	Anderson	Ford Motor Company	Emerging Markets Operations Intern	Dearbon, MI
Dan	Bedoya	Rolls-Royce	New Product Introduction Intern	Indianapolis, IN
Stephanie	Clark	Cummins Power Generation	Manufacturing Technical Services Intern	Minneapolis, MN
Matthew	Cooper	The Boston Consulting Group	Summer Associate	Chicago, IL
Andrew	Danielsky	Pratt & Whitney	Engineering Intern	Lansin, MI
Diane	DiMusto	Abbott Laboratories	Manufacturing Intern	Abbott Park, IL
Mark	Dobbie	Spectrum Health	Technology and Information Solutions Intern	Grand Rapids, IL
Elizabeth	Dukes	Bank of America	Global Markets Technology Intern	Chicago, IL
Barbara	Fordyce	Raytheon Space and Airborne Systems	Industrial Engineering Intern	El Segundo, CA
Lauren	Furlong	Mercedes-Benz Technology Center	Engineering Intern	Ann Arbor, MI
Mycah	Gambrell	Dow Chemical	Project Specialist, Customer Service	Midland, MI
Rodrigo	Gaza	SCHOTT AG	Inventory Management	Mainz, Germany
Paul	Gunnels	Blue Cross Blue Shield of Michigan	Operations Engineering Consulting Intern	Southfield, MI
Mathew	Hamet	Matrix Theatre Company	Non-Profit Consultant	Detroit, MI
David	Hamilton	BorgWarner Inc. Morse TEC	Tauber Institute Consultant	Ithaca, NY
Megan	Haubert	Abbott Vascular	Manufacturing Intern	Redwood City, CA
Tiger	Li	Context Capital Partners	Private Equity Analyst	Philadelphia, PA
Monica	Lichty	Lawrence Berkeley National Laboratory	Ergonomics Intern	Berkeley, CA
David	Liu	Johnson&Johnson	Process Excellence Intern-Mkting Dept	Taipei, Taiwan
Ashley	Logan	DaimlerChrysler	Manufacturing Intern	Metro Detroit
Punit	Mattoo	Diageo	Supply Chain Intern	Norwalk, CT
Katie	Mickley	Raft Masters	Whitewater Rafting Guide	Canon City, CO
Miranda	Olds	GE Aviation	Technical Coordinator, Engine Repair Services Manufacturing Intern	Cincinnati, OH
Jennifer	Perchonok	NASA (Johnson Space Center)	Human Factors Intern	Houston, TX
Rachel	Perry	Whirlpool	Materials Intern	Marion, OH
Brian	Rumao	General Motors	Production Supervisor	Ypsilanti, MI
Andrew	Rolph	Honeywell Aerospace	Manufacturing Engineering Intern	Phoenix, AZ
Kadeejah	Sani	General Motors	Indirect Labor Intern	Pontiac, MI
Zach	Shoup	University of Michigan Health System	Jr Management Engineer	Ann Arbor, MI
Tom	Steiner	ExxonMobil	Strategic Sourcing Intern	Houston, TX
Kiana	Stringfield	Abbott Laboratories	Strategic Planning Consultant	Abbott Park, IL
Kyra	Watts	US Steel	Engineering Intern in Maintenance/Operations and Safety Department	Mt Iron, MN

# The Backpage.

## Because today's Sudoku is difficult



www.CrosswordWeaver.com

### ACROSS

- 4 Yili's favorite subject
- 7 A spooky holiday + free candy
- 11 The language of choice in IOE 373
- 13 The national ranking of UM's IOE Graduate program
- 14 The New IOE Undergrad Counselor

### DOWN

- 1 The Toyota way
- 2 If you're a senior, chances are you're looking for this
- 3 This "Commons" is the University Union on North Campus
- 5 The College of Engineering's only honors program
- 6 You can catch Mike Hart here after the games (it's not Scorekeepers)
- 8 National IOE Society
- 9 Pat Hammett's quality philosophy
- 10 The tiny pizza place owned by #20's hangout
- 12 Professional Industrial Engineering Society
- 13 IOE's friendly department secretary

Crossword brought to you  
by Brian Rumao

#### Blueprint Editors:

Punit Mattoo (mattoop@umich.edu)  
Brian Rumao (brumao@umich.edu)

*Note: The opinions expressed herein do not necessarily reflect those of the Industrial and Operation Engineering Department at the University of Michigan—Ann Arbor. Any questions or comments should be submitted to IOEBlueprintGroup@umich.edu*

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