

# MEDICAL SCIENTIST

INSIDE THIS ISSUE:

<i>2015 Graduates</i>	2
<i>2015 Thesis Defenses</i>	3
<i>Awards, Honors, etc</i>	4
<i>Alumni News</i>	5
<i>Wedding Bells</i>	5
<i>Recent Student Publications</i>	6
<i>2015 Grand Rounds</i>	7
<i>Graduation Banquet</i>	8
<i>Dinner Seminars</i>	8

## CHANGES IN PROGRAM ADMINISTRATION

### WELCOME TO NEW ASSOCIATE DIRECTOR MARK ROSENBLATT



We officially announce the appointment in January 2015 of Mark Rosenblatt, MD, PhD, MBA, as an Associate Director of the MSTP. Dr Rosenblatt became Head of the Department of Ophthalmology & Visual Science in autumn 2014 and quickly expressed his interest in offering his expertise in MD-PhD training to our program. Specializing in advising the students on clinical matters (preparing for Step 1, engaging in Clinical Connections during the PhD years, choosing their M3 tracks, preparing for their M4 year interviews and choosing their residency specialty), he has already established a strong rapport with the students and guided many of them.

Dr. Rosenblatt received his BS in Biology from the University of Miami Honors Program in Medical Education and his MD and PhD degrees from the U Miami SOM MD-PhD Program, studying Biochemistry, Cell and Molecular Biology for his PhD and achieving Alpha Omega Alpha status in his medical studies. He also received his MBA from the Leonard N. Stern School of Business at New York University. He pursued a residency in Ophthalmology at the Massachusetts Eye & Ear Infirmary of Harvard Medical School followed by a research fellowship at the Schepens Eye Research Institute at Harvard Medical School and a clinical fellowship in Cornea Service at the MEEI. Prior to joining the UIC Dept. of Ophthalmology in autumn 2014, he served as Assistant Professor in the Dept. of Ophthalmology & Vision Science at UC Davis from 2005 to 2008 and other various positions, culminating in his position as Vice Chair, in the Dept. of Ophthalmology at Weill Medical College of Cornell University from 2008 to 2014.

His research focuses on four areas: A. Mechanisms of Corneal Nerve Repair; B. Investigation of Corneal Epithelial Stem Cell Determinants; C. Bioengineered Silk Films for Ocular Surface Reconstruction; D. Corneal Gene Therapy.

### OPEN LETTER FROM ROBERTA BERNSTEIN

Dear Esteemed Colleagues, Honored Alumni and Cherished Students:

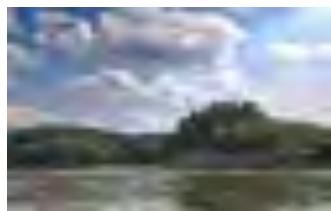
Due to a combination of health conditions that impede my work efficiency, I find it necessary to leave the position I have loved so deeply for 12-1/2 years and retire at the end of May 2015. Since last summer when this decision was reached, I have dreaded telling you about it, first because I kept hoping that my physical condition would improve enough to allow me to stay on, and second, because I didn't want you to think that I didn't care about you. But now I can assure you that rather than abandoning my duties, I am merely transferring them to a marvelous women who will run the program with even greater efficiency and loving care to all your needs. And so, along with your program directors, Larry Tobacman, Nancy Freitag and Mark Rosenfeld, I am delighted to introduce (trumpet fanfare) the new administrative Director of the UIC MSTP, Mrs. Julie Mann.

Currently the Associate Director of Undergraduate Medical Education in the COM, Julie is totally familiar with all aspects of medical school training at UIC and probably already knows a lot of you. A graduate of Tulane University with a BA in Art History and National Louis University with a Master of Arts in Teaching, she is currently a PhD candidate in Curriculum Studies at UIC, thus the embodiment of understanding of what each of you experiences in your PhD studies as well as your medical curriculum.



CONT. ON PAGE 3

**SAVE THE DATE  
RETREAT REPEAT  
June 30-July 1  
Starved Rock  
State Park**



**Bus transportation will be provided. Details to follow in separate bulletin.**

**Calendar:**

Thursday, April 23, 6:00 p,  
Tri-MSTP Dinner Seminar  
University of Chicago

Tuesday, April 28, 5:30 pm  
Dinner Seminar: Brad Merrill

Thursday, May 7, 5:30PM,  
Graduation Banquet,  
Marcello's Restaurant

Friday, May 8, 2:00 pm  
COM Graduation

## CONGRATULATIONS 2015 GRADUATATES



**Sarah Hatch Berth** *Residency: Internal Medicine: Neurology, Johns Hopkins U.*

BS, Biology, Northwestern University, 2004

PhD, Program in Neuroscience; Advisor: Scott Brady, PhD

PhD Thesis: "Mechanisms of Fast Axonal Transport Impairment by the HIV Glycoprotein gp120"



**Ryan Carr** *Residency: Internal Medicine, Mayo School of Grad. Med. Ed.*

BA, Molecular Biology/Psychology, UIUC, 2008

PhD, Dept. of Microbiology & Immunology; Advisor: Bellur Prabhakar, PhD

PhD Thesis: "Utilizing the Warburg Effect to Enhance TRAIL-Induced Apoptosis in Several Cancer Types"



**Andrew Czysz** *Residency: Psychiatry, UT Southwestern Medical School*

BA, Biochemistry & Psychology, University of Florida, 2008

PhD, Program in Neuroscience; Advisor: Mark Rasenick, PhD

PhD Thesis: "Dynamic interaction between G proteins and plasma membrane nanodomains: effects of antidepressant and polyunsaturated fatty acids"



**James Frencher** *Residency: Radiology, UCSF (1st year-Surgery, Mt. Sinai, NY)*

BS, Microbiology, 2007; MS, Molecular-Cell Biology, 2008, University of Michigan

PhD, Dept. Microbiology & Immunology; Advisor: Zheng W. Chen, MD, PhD

PhD Thesis: "Role of Isoprenoid Biosynthesis in Listeria-based Tuberculosis Vaccine Efficacy"



**Ikenna Madueke** *Residency: Urology, UIC (1st year-Surgery)*

BS, Biology, Chicago State University, 2007

PhD, Dept. of Physiology & Biophysics; Advisor: Gail Prins, PhD

PhD Thesis: "The Roles of Canonical Wnt2 and Wnt10b in Prostate Gland Development and Prostate Cancer Progression"



**Tammy Tamayo** *Residency: Psychiatry, UIC*

BS, Neurobiology, Physiology & Behavior; MS, Material Sci. & Engineering, UC Davis, 2006

PhD, Dept. of Physiology & Biophysics; Advisor: Jesus Garcia, MD, PhD

PhD Thesis: "Role of A2D1 in the efficacy of satellite cell grafts into mdx mice"



**Marisa Young** *Residency: Ob-Gyn, Emory U. School of Medicine*

BA, Latin American Studies, University of Washington, 2002

PhD, Dept. of Epidemiology & Biostatistics, SPH; Advisor: Robert Bailey, PhD

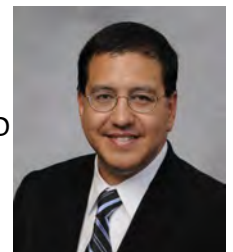
PhD Thesis: "Scale-up of Male Circumcision for HIV Prevention in Nyanza Province, Kenya: Risk Compensation Following Adult Male Circumcision and Introduction of Infant Male Circumcision Services"

**Joseph Zapater** *Residency: Internal Medicine, UIC*

BA, Biology, University of Chicago, 2006

PhD, Dept. of Biochemistry & Molecular Genetics; Advisor: Karen Colley PhD

PhD Thesis: "Identification of Polysialyltransferase Sequences Required for Substrate Recognition and Polysialylation"



## 2015 THESIS DEFENSES—CONGRATULATIONS

**Sarah Baumgarten**, End of May, 2015, Dept. of Physiology & Biophysics; advisor: Carlos Stocco, PhD  
"Role of Insulin-like Growth Factors in Granulosa Cell Differentiation and Follicle Maturation in the Ovary"

**Joseph Bogaard**, 5/20/15, Neuroscience Program; advisor: Iris Kassem, MD, PhD  
"Evaluation of Therapeutic Interventions for the Treatment of Eye Disorders"

**Jason Buhrman**, 4/30/15, Dept. of Biopharmaceutical Sciences, COP; advisor: Richard Gemeinhart, PhD  
"Recombinant protein immobilization and controlled-release mediated by a non-covalent protein anchor"

**Michael Fettiplace**, 4/10/15, Neuroscience Program; advisors: Guy Winberg, MD; Richard Minshall, PhD  
"A Comprehensive Mechanism for Reversal of Cardiac Pharmacotoxicity by Intravenous Lipid Emulsion"

**Alicia Rizzo**, 6/1/15, Department of Pharmacology; advisor: Steven Dudek, MD  
"The Role of Abl Family Kinases in Acute Respiratory Distress Syndrome" "Functional Role of MYLK Pseudogene in Non Small Cell Lung Cancer"

**Farah Shareef**, 5/12/15, Dept. of Bioengineering; advisor: Michael Cho, PhD  
"Development of a Light Responsive Artificial Iris"

**Brian Shy**, End of May, 2015, Dept. of Biochemistry & Molecular Genetics; advisor: Bradley Merrill, PhD  
"Genome Editing and Differentiation of Embryonic Stem Cells"

**Allen Ye**, 5/28/15, Dept. of Bioengineering; advisor: Richard Magin, PhD  
"Improving Diffusion Measurements at a Micro-, Meso-, and Macro-scale Within the Brain"

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### LETTER FROM ROBERTA , cont. from page 1.

Prior to joining the COM staff in 2008 as a Coordinator of the ECM course, Julie's career encompassed diverse activities that broadened her life experiences, knowledge of how things are done in the business and non-profit worlds, and understanding of all kinds of people. First she worked at Christie's Inc. in property control in New York, then in wine management in Chicago. Next came a stint in banking management at the Northern Trust Company in Chicago. Next she became the Director of Lindop School Lab of Success Labs, Inc. in Broadview, IL, which led her into educational marketing (Site Manager, Roosevelt Middle School, Maywood, IL) and finally teaching (Head Teacher, Humboldt Community Christian School, Chicago). In her free time she has engaged in a variety of community and social service organizations including the Junior League of Chicago, The Oak Park & River Forest Day Nursery, the Village of Oak Park Public Arts Advisory Commission, the Parent Teachers Organization of District 97 in Oak Park, and the Community Leadership Program of Oak Park.

I am pleased that Julie and I will have the opportunity to work together for a month to ensure a smooth transition. By the time she is fully in charge, you will all know her well and will understand that she is the right person to maintain the standards of the program and, above all, to be ready, willing and able to respond to your every question and need, or just enjoy your company in frequent spontaneous chats. I will continue to be available to help out in any way I can as needed and will keep in touch and attend your thesis defenses, grand rounds, graduations and, I hope, many more auspicious occasions. Though I will miss seeing you on a daily basis, I leave knowing that the program's administration is not only in good hands but will thrive and blossom under Julie's care.

So please join me in extending a warm and heart welcome to Julie Mann.

Best wishes to all, Roberta

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## Awards, Honors, Presentations – Congratulations!

### Nancy Freitag Named Official Hooder for 2015 Graduation

Following upon her 2014 Golden Apple from the COM Class of 2016, MSTP Associate Director Nancy Freitag received the following letter of esteem from the COM Class of 2015 graduates (including 8 MD-PhDs):

March 1, 2015

*Dear Dr. Freitag: As you may know, each year the graduating medical school class asks one esteemed faculty member to 'hood' each graduate, thus symbolizing their entrance into the profession of Medicine. This moment is the graduate's step across the threshold into a career of service, compassion and lifelong challenge. They have poured their lives into this endeavor, and this event represents a celebration of their accomplishments and the promise of a bright future.*

*We would be thrilled if you would do us the honor of serving as the Commencement Hooder for the Class of 2015. Our Class holds you in the highest regard. You made a profound impact on each of us, helping guide us and teach us and making us*



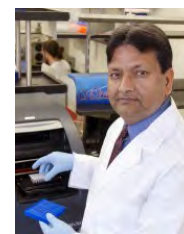
### Federle wins 2015 Research of the Year Rising Star Award

Popular MD-PhD Trainer (he currently has 2 MD-PhD students pursuing their PhDs in his lab at once—Erin Shenker, G3 and Reid Wilkening, G2) **Michael Federle, PhD**, 1st row center, was the recipient of the UIC Researcher of the Year Award Rising Star in Basic Life Sciences, presented at a special convocation on Feb. 25, 2015 in Student Center West, followed by a gala reception, Dr. Federle. Associate Professor in the Department of Medicinal Chemistry and Pharmacognosy (COP), studies cell-to-cell communication in bacteria, aka “quorum sensing”, which is considered one of the most exciting topics in modern infectious diseases. His group has provided a proof of concept that bacterial conduct can be harnessed and provides an important new direction for antibacterial drug discovery because—in contrast to

conventional antibiotics which inhibit bacterial growth—the drugs that would jam the communication between bacterial cells will be less prone to select resistant strains. In recognition of this work he was one of only 10 US scientists who received a prestigious five-year grant from the Burroughs Wellcome Fund. He is a member of the editorial board of the Journal of Bacteriology and a long-time member of the MSTP Admissions Committee. He was our very popular keynote speaker at our 2014 retreat.

### From UIC News, 4/13/15: Unique UIC center will study alcohol's effect on genes

Funded by a five-year, \$7 million federal grant, the UIC College of Medicine will create a new center, the first of its kind, to study the effect of long-term alcohol exposure on genes. The National Institute on Alcohol Abuse and Alcoholism, one of the National Institutes of Health, awarded the funding to establish a Center for Alcohol Research in Epigenetics (CARE). **Subhash Pandey**, UIC professor of psychiatry, will direct the center. The CARE researchers will investigate how alcohol-related epigenetic changes influence gene expression and “synaptic remodeling” — the networking of nerve cells to each other. They will also look closely at how these changes correlate with behavior, such as anxiety and depression, and whether epigenetics may play a role in the withdrawal symptoms that make abstinence difficult.



“This award will allow the College of Medicine to build on Professor Pandey’s exemplary research on chronic alcohol use and alcoholism in addition to bolstering our leadership in understanding the causes of alcoholism as well as finding new ways to treat this devastating disease,” said Dr. Dimitri Azar, dean of the University of Illinois College of Medicine.

Dr. Pandey is the trainer of two current MD-PhD students, **Tiffany Berkel**, G2, and **Evan Kyzar**, G1, and alumnus **Sachin Moonat** (2014).

**Michael Fettiplace**, G3 (Weinberg and Minsahl labs) who defended his PhD thesis on April 10, was a winner of the Graduate College Deiss Chancellor Award for his research project entitled: “The Role of Akt in lipid-induced intropy and reversal of bupivacaine toxicity”.

The College of Pharmacy recently announced its list of winners of awards by COP personnel, among whom three recipients were MD-PhD students pursuing their PhD studies in COP labs: **Reid Wilkening**, G2 (Federle lab) received 2a 014 American Heart Association Predoctoral Fellowship. **Erin Shenker**, G3 (Federle Lab) received a NIH NIAID F30 fellowship for her project “Specificity and Promiscuity In The ComRS System of Gram-Positive Pathogens”.

**Jason Buhrman**, G4 (Gemeinhart Lab) won a Protein Society Best Poster Award during the 2014 Symposium.

On March 23, The School of Public Health informed **Marisa Young** M4 (Bailey Lab) that she was the recipient of the SPH Donaldson Award, entitling her to be the graduating class speaker at the 2015 SPH convocation.

## Alumni News

Thanks to **Tatiana Grzeszkiewicz** (2003) for another generous “holiday” gift to the students to use for “a social experience”. Here’s her beautiful children celebrating Valentine’s Day. Won’t be long before they’re knocking on our



Congratulations to **Samuel Blackman** (2001) on a new position (since June 2014) as Senior Medical Director of Juno Therapeutics in Seattle, WA. He writes on his LinkedIn page: “ I am physician scientist and pediatric hematologist-oncologist focused intensely on clinical development of CAR T cells and high-affinity recombinant TCT cellular therapeutics for cancer. I currently lead the CD19 CAR T cell program for B cell malignancies at Juno Therapeutics.”

Congratulations to **Scott Feldman** (2012), now finishing his residency in Internal Medicine at Mr. Sinai Hospital in New York City, on being accepted into a Fellowship for allergy-immunology at Northwestern University Feinberg School of Medicine, starting July 1. We look forward to welcoming you home, Scott, and hope you’ll have time to hang out at your old stomping grounds once in a while.

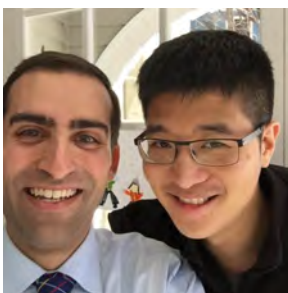
## In the Alumni Mailbag

**From:** **Brenton Mar** brentonmar@gmail.com **Date:** January 19, 2015

Hi Roberta! I hope things are going well in Chicago with you and the program. I've been keeping very busy here in Boston. We welcomed a new addition to the family last year with our son, Luca, who is now 8 months old and just got his first two teeth! Valentina is now 3.5 years old and learning to ice skate. My wife Silvia is doing well and has recently been promoted to an assistant director at a small pharma company in Cambridge working on molecularly targeted agents.

I'm currently in my 3rd year as an instructor at Dana Farber/Boston Children's Hospital, focusing on the clonal evolution of leukemia and how it affects chemotherapy resistance and response to therapy. I'm also involved in several exciting clinical sequencing projects, trying to influence patient therapy based on their mutation profiles. 2014 was a pretty good for me with a first authored paper and 3 coauthored paper and 3 funded grants, including a K12. I'm going on the job market for a lab based physician-scientist position this year, so if you know any

openings in pediatric oncology, let me know! -Brenton



**From:** **David Ramsey-** dram800@gmail.com  
**Sent:** February 01, 2015  
**Subject:** Julia and Vale  
 Dear Roberta:

Finally got Brenton to visit with family. The kids had fun! Pax, David



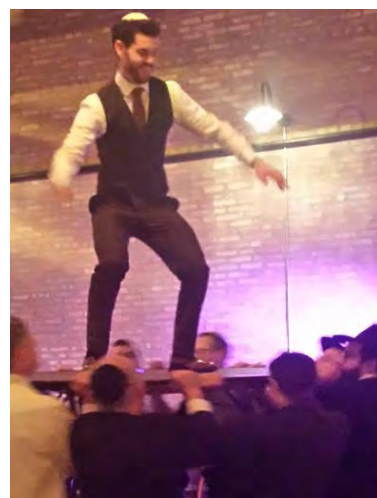
Above: L: **David Ramsey** (2008), Ophthalmologist and Researcher in electrophysiology at Lahey Hospital and Medical Center, a teaching affiliate of Tufts U. SOM R: **Brenton Mar** (2006), Instructor in Pediatrics, Boston Children's Hospital & Harvard Medical School; Specialist in Pediatric Hematologic Malignancies, Dana Farber Cancer Institute. Right: their daughters, Julia Ramsey and Vale Mar.

**Note to all alumni: Please keep the updates on your news coming. And if you're going to be in Chicago, please stop by for a visit which can be informal or a formal presentation, as you wish.**

## Wedding Bells



Congratulations to: **Joseph Goldenberg** on his wedding March 15 in Chicago to Rebecca Weinschenker who is an actuary at Blue Cross Blue Shield of Illinois.



Joe being lifted up to the ceiling on a table by some exuberant guests at the wedding.

Congratulations to: **Jenny Zhang** on her engagement to Ken T. who is an Algorithmic trader in Chicago. The wedding will take place August 15 in Chicago.

## Recent Student Publications – Autumn 2014 to February 2015

### Tiffani Berkel, G2

Krishnan HR, Sakharkar AJ, Teppen TL, **Berkel TD**, Pandey SC. The Epigenetic Landscape of Alcoholism. *Int Rev Neurobiol*. 2014;115:75-116. doi: 10.1016/B978-0-12-801311-3.00003-2.

### Sarah Hatch Berth, M4

Knezevic, N., Candido, K., Cokic, I., Krbanjevic, A., **Berth, S.**, Knezevic, I. (2014) Cytotoxic effects of commercially available methylprednisolone acetate with and without reduced preservatives on dorsal root ganglion sensory neurons in rats. *Pain Physician* 17(5): E609-18.

**Berth, S.H.**, Morfini, G., Sarma T., Caicedo, H. Brady, S.T. (2015) Internalization and Axonal Transport of the HIV Glycoprotein gp120. *ASN Neuro* 7(1): pii: 1759091414568186

### Andrew Czyst, M4

**Czyst AH**, Rasenick MM. G-Protein Signaling, Lipid Rafts and the Possible Sites of Action for the Antidepressant Effects of n-3 Polyunsaturated Fatty Acids. *CNS & Neurological Disorders - Drug Targets*. 2013 Jun; 12(4): 466-473. Cited in PubMed; PMID: 3714344.

**Czyst AH**, Schappi JM, Rasenick MM. Lateral diffusion of G[alpha]s in the plasma membrane is decreased after chronic but not acute antidepressant treatment: Role of lipid raft and non-raft membrane microdomains. *Neuropsychopharmacology*. 2014 Sep; 100(8): 100-110.

**Evan Kyzar, G1** **Kyzar EJ**, Pandey SC. Molecular mechanisms of synaptic remodeling in alcoholism. *Neurosci Lett*; 2015; In press.

### Ryan Lahey, M3

**Lahey R**, Wang X, Carley AN, Lewandowski ED. Dietary fat supply to failing hearts determines dynamic lipid signaling for nuclear receptor activation and oxidation of stored triglyceride. *Circulation*. 2014 Nov 11;130(20):1790-9.

### Michael Marshall, G2

Cantuti-Castelvetri L, Maravilla E, **Marshall M**, Tamayo T, D'auria L, Monge J, Jeffries J, Sural-Fehr T, Lopez-Rosas A, Li G, Garcia K, van Breemen R, Vite C, Garcia J, Bongarzone ER. "Mechanism of neuromuscular dysfunction in krabbe disease." *J Neurosci*. 2015 Jan 28;35(4):1606-16. doi: 10.1523/JNEUROSCI.2431-14.2015.

### Amanda Mennie, G1

Wang J1, Ma MC2, **Mennie AK2**, Pettus JM3, Xu Y3, Lin L1, Traxler MG2, Jakoubek J2, Atanur SS4, Altman TJ4, Xing Y1, Kwitek AE5. Systems Biology with High-Throughput Sequencing Reveals Genetic Mechanisms Underlying the Metabolic Syndrome in the Lyon Hypertensive Rat. *Circulation. Cardiovascular Genetics*. 2015: Jan 9. DOI CIRCGENETICS.114.000520. PMID: 25573024

### Justin Sysol, G2

H Tang\*, J Chen\*, **JR Sysol**, Q Guo, RF Machado, A Makino, JXJ Yuan. "Phenotypic Characterization for Rodent Models of Pulmonary Hypertension." *Pulmonary Circulation*. In Press, February 2015.

H Tang, J Chen, DR Fraidenburg, S Song, **JR Sysol**, AR Drennan, S Offermanns, RD Ye, MG Bonini, RD Minshall, JGN Garcia, RF Machado, A Makino, JXJ Yuan. "Deficiency of Akt1, but not Akt2, Attenuates the Development of Pulmonary Hypertension." *Am J Physiol Lung Cell Mol Physiol*. 308(2): L208-20 (2015).

J Chen\*, H Tang\*, **JR Sysol\*** (\*Equal contribution), L Moreno-Vinasco, KM Shioura, T Chen, I Gorshkova, L Wang, PV Usatyuk, L Huang, S Sammani, G Zhou, JU Raj, JGN Garcia, E Berdyshev, JXJ Yuan, V Natarajan, RF Machado. "The sphingosine kinase 1 / sphingosine-1-phosphate pathway in pulmonary arterial hypertension." *Am J Respir Crit Care Med*. 190(9): 1032-43 (2014).

### Matt Tobin, G2

Bonds JA, Kuttner-Hirshler Y, Bartolotti N, **Tobin MK**, Pizzi M, Marr R, Lazarov O. Presenilin 1-dependent neurogenesis regulates hippocampal learning and memory. *J Clin Invest*. 2014, submitted.

Birk DM, **Tobin MK**, Moss HE, Feinstein E, Charbel FT, Alaraj A. Improvement in venous outflow following superior sagittal sinus decompression after a gunshot wound to the head: Case report. *J Neurosurg*. 2014, accepted.

**Tobin MK**, Birk D, Siemionow K, Neckrysh S, Schizas C. T1 pedicle subtraction osteotomy for the treatment of rigid cervical kyphotic deformity: clinical series of four patients and review of the literature. *J Neurosurg Spine*. 2014, accepted.

**Tobin MK**, Bonds JA, Minshall RD, Pelligrino DA, Testai FD, Lazarov O. Neurogenesis and inflammation following ischemic stroke: what is known and where we go from here. *J Cereb Blood Flow Metab*. 2014, 34(10):1573-1584. PMID: 25074747.

**Tobin MK**, Rangwala S, Birk DM, Neckrysh S. Safety and efficacy of skipping C7 instrumentation in posterior cervicothoracic fusion. [abstract]. In: Global Spine Congress Meeting; 2015 May 20-23; Buenos Aires. Dübendorf: AOSpine International.

**Tobin MK**, Birk D, Siemionow K, Neckrysh S, Schizas C. T1 pedicle subtraction osteotomy for the treatment of rigid cervical kyphotic deformity. [abstract]. In: 82<sup>nd</sup> AANS Annual Scientific Meeting; 2014 April 5-9; San Francisco. Rolling Meadows: American Association of Neurological Surgeons.

**Alan Tseng, G1** Li J, Kim K, Baraza A, **Tseng A**, Cho J. Platelet-neutrophil interactions under thromboinflammatory conditions, *Cell Mol Life Sci*. Advance online publication. doi:10.1007/s00018-015-1845-y

### Allen Ye, G3

M Meerschaert, R Magin, **A Ye**. Anisotropic Fractional Diffusion Tensor Imaging. *Journal of Vibration and Control*. 2015. In Press DOI: 10.1177/1077546314568696

**A Ye**, P Hubbard Cristinacce, F Zhou, Z Yin, G Parker, R Magin. Diffusion Tensor MRI Phantom Exhibits Anomalous Diffusion. *Engineering in Medicine and Biology Society (EMBC), 2014 36th Annual International Conference of the IEEE*. IEEE, 2014

### Alexandria Young, G3

Himes KP, **Young A**, Koppes E, Stolz D, Barak Y, Sadovsky Y, Chaillet JR. Loss of inherited genomic imprints in mice leads to severe disruption in placental lipid metabolism. *Placenta* (2015), <http://dx.doi.org/10.1016/j.placenta.2015.01.012>.

Gangemi A, **Young A**, Elli EF. Case report: A rare sequela after a case of early bariatric surgery tourism. *SOARD* (2014), <http://dx.doi.org/10.1016/j.soard.2014.09.013>.

## Student Grand Rounds Presentations 2015

### Friday, January 30, 3:00 pm, 3175 COMRB - In conjunction with the Department of Obstetrics & Gynecology

Topic: "PCOS: Then and Now"

**Clinical Presentation: Ikenna Madueke**

M4, defended doctoral thesis June 21, 2013 in the Dept. of Physiology & Biophysics (advisor: Gail Prins, PhD)

**Research Presentation: Sarah Baumgarten**

4th year graduate student, will defend doctoral thesis in Spring 2015 in the Dept. of Physiology & Biophysics (advisor: Carlos Stocco, PhD)

**Presentation Faculty Advisor: Albert Asante MD, MPH, Assistant Professor, Dept. of Obstetrics and Gynecology**

### Tuesday, March 17, 12:30 pm, 5175 COMRB - In conjunction with the CCTS

Topic: "Emerging Roles for Deep Brain Stimulation in Neurologic and Psychiatric Disease"

**Clinical Presentation: Sarah Hatch Berth**

M4, defended doctoral thesis February 27, 2013 in the Department of Anatomy & Cell Biology on (advisor: Scott Brady, PhD);

**Research Presentation: Michael Fettiplace**

3rd year graduate student, defended doctoral thesis April 10, 2015 in the Neuroscience Program (advisors: Guy Weinberg, MD and Richard Minshall, PhD)

**Presentation Faculty Advisor: Michael Schrift, MD, Director of Neuropsychiatry, Dept. of Psychiatry**

### Thursday, March 19 Noon, NPI-7<sup>th</sup> Floor-North conference room - In conjunction with the Dept. of Neurology

Topic: "Dementia and neuroimaging - current and future utility in diagnosis and prognosis of disease"

**Clinical Presentation: Andrew Czyst**

M4, defended doctoral thesis June 11, 2013 in the Neuroscience Program on (advisor: Mark Rasenick, PhD)

**Research Presentation: Allen Ye**

3rd year graduate student, will defend doctoral thesis May 28, 2015 in the Dept. of Bioengineering (advisor: Richard Magin, PhD)

**Presentation Faculty Advisor: Alex Leow, MD, PhD Associate Professor, Bioengineering and Psychiatry**

### Monday, April 13, 12:30 pm, 303 CSN

Topic: "The role of devices in the scale-up of voluntary medical male circumcision for HIV prevention in sub-Saharan Africa: epidemiologic and bioengineering perspectives on the AccuCirc and PrePex"

**Clinical Presentation: Marisa Young** M4, defended doctoral thesis September 16, 2013 in the Department of Epidemiology and Biostatistics. SPH (advisor: Robert Bailey, PhD)

**Research Presentation: Farah Shareef**

4th year graduate student, will defend doctoral thesis May 12, 2015 in the Department of Bioengineering (advisor: Michael Cho, PhD).

**Presentation Faculty Advisor: Robert C. Bailey, PhD, Professor of Epidemiology, Division of Epidemiology and Biostatistics**

### Tuesday, April 21, 12:30 pm, 5175 COMRB - In conjunction with the CCTS

Topic: "Thyroid-Associated Orbitopathy: Pathogenesis, Clinical Presentation and Treatment"

**Clinical Presentation: Joseph Zapater**

M4, defended doctoral thesis May 30, 2013 in the Dept. of Biochemistry & Molecular Genetics on (advisor: Karen Colley, PhD)

**Research Presentation: Joseph Bogaard**

3rd year graduate student, will defend doctoral thesis May 29, 2015 in the Neuroscience Program (advisor: Iris Kassem, MD, PhD)

**Presentation Faculty Advisor: Dr. Nathalie Azar, Associate Professor of Clinical Ophthalmology; Director, Pediatric Ophthalmology & Adult Strabismus Service**

### Wednesday, April 29, 12:30 pm, 2175 COMRB - In conjunction with the CCVR

Topic: "Challenges of Pharmaceutical Therapy in the Prevention of Reentrant Arrhythmia following Ischemic Events"

**Clinical Presentation: Tammy Tamayo**

M4, defended doctoral thesis July 22, 2013 in the Dept. of Physiology & Biophysics (advisor: Jesus Garcia, MD, PhD)

**Research Presentation: Cody Rutledge**

M3, defended doctoral thesis June 5, 2014 in the Dept. of Physiology & Biophysics (advisor: Samuel Dudley, MD, PhD)

**Presentation Faculty Advisor: Christopher Gans, MD, Asst. Prof. of Clinical Medicine, Dept. of Medicine: Cardiology.**

### TBD, 12:30 pm, 5175 COMRB

Topic: "TBA"

**Clinical Presentation: James Frencher**

M4, defended doctoral thesis May 29, 2013 in the Department of Microbiology & Immunology (advisor: Zheng Chen, MD, PhD);

**Research Presentation: Ryan Carr**

M4, defended doctoral thesis May 24, 2013 in the Department of Microbiology & Immunology on "Utilizing the Warburg Effect to Enhance TRAIL-Induced Apoptosis in Several Cancer Types" (advisor: Bellur Prabhakar, PhD).

**Presentation Faculty Advisor: TBA**

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The UIC MSTP cordially invites you to its  
*Graduation Seminar and Banquet*  
 Thursday, May 7, 2015  
 Marcello's Restaurant, 645 W. North Ave. (at Larabee)  
**6:00 p.m. Reception 6:30 p.m. Seminar 7:30 p.m. Dinner**  
*Our Honored Graduates:*



*Sarah Berth*



*Ryan Carr*



*Andy Czysz*



*James Frencher*



*Ikenna Madueke*



*Tammy Tamayo*



*Marisa Young*



*Joseph Zapater*

*Our Guest Speaker:*  
**Edwin De Zoeten MD, PhD (VIC 2001)**  
*Associate Professor of Pediatrics*  
*University of Colorado School of Medicine*  
*Scientific Director-Pediatric Inflammatory Bowel Disease Center*  
*Children's Hospital Colorado Digestive Health Institute*  
**"Change Is Good:"**  
*Identifying New Methods to Treat Chronic Inflammation"*



*RSVP by April 30 to Roberta Bernstein, Roberta@uic.edu*

**Spring 2015 Dinner Seminars**

**Thursday, April 23, 2015, 6:00 pm Univ. of Chicago Knapp Center, 900 E. 57th St.**  
**Annual Joint Seminar with MSTPs of Northwestern Univ. and Univ. of Chicago**  
 Michael Welsh, MD, Professor of Internal Medicine – Pulmonary, Critical Care and Occupational Medicine, The University of Iowa  
 "My Pathway to a Career as a Physician-Scientist"

**Tuesday, April 28, 2015, 5:30 pm, 300 CSN**  
 Brad Merrill, PhD, Associate Professor, Dept. of Biochemistry & Molecular Genetics  
 Genome Engineering and Stem Cell Biology: disruptive potential from some basic biological research





