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extraordinaires:**
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Nous avons publié un document!

As we all know, the Sandwich Theorem states that if the crusts of your sandwich touch, you've run out of filling.

You can read this "theorem" and many more in "Bovino-Weierstrass and Other Fractured Theorems" in the April 2014 issue of *Math Horizons*, written by your favorite newsletter editors and Mark McKinzie from St. John Fisher.

Our Newsletter
The Courant Courant
C'est si bon!

The Class of 2013: Où sont-ils maintenant?

The Class of 2013 graduated a whole year ago! Here's what they've been up to since then.

Alex Blackmon ('13): "I just celebrated my 1-year anniversary with CoreLogic, and am awaiting for a position to open up as a tax researcher III. I am still enjoying my work with CL and M&T Bank. Aside from work I am looking forward to taking a road trip from Rochester, NY to Phoenix, AZ in late June. My roommate and I will be taking a week to drive down stopping in Nashville, New Orleans, and Austin, TX. Hope the whole department is doing well and for the graduating seniors keep checking CoreLogic.com for job postings...They Love Math Majors!"

Emily Bonomo ('13): "I did a long-term substitute position at Sauquoit High

School in the Sauquoit Valley Central School District and am working at John F. Kennedy Middle School in the Utica City School District as an AIS Math teacher to seventh and eighth grade students. I'm still crazy and am enjoying teaching a lot, but plan to start my graduate work in the fall. I'm still working at

Richard Courant

Richard Courant (1888–1972) was a German mathematician who worked extensively in applied mathematics. With David Hilbert, he cowrote the book *Methods of Mathematical Physics*, a text that is still widely used today. He is perhaps best known for his book (with Herbert Robbins) *What is Mathematics?*, which Einstein called "A lucid representation...of the whole field of mathematics."

Even in working on physics problems with demonstrable lab results, Courant maintained that, "Empirical evidence can never establish mathematical existence...

Only a mathematical existence proof can ensure that the mathematical description of a physical phenomenon is meaningful."

In 1936, Courant started a graduate program in applied mathematics at NYU, which would later become the Courant Institute of Mathematical Science.

Elisa's life since graduating
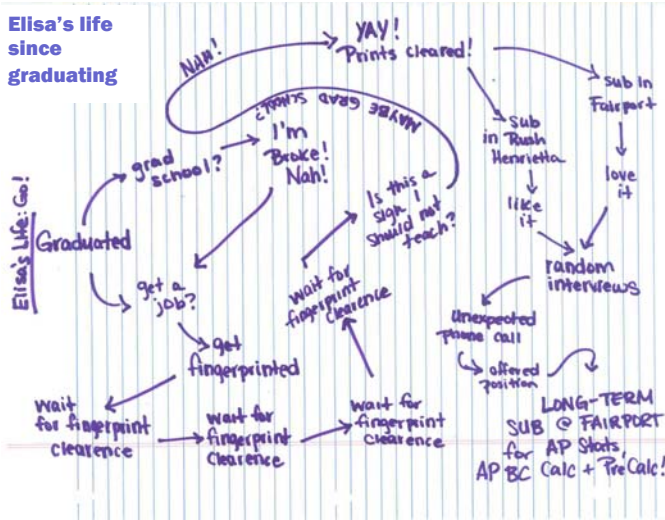
(Continued from page 1)

Bonomo's Dari Crème helping out Guy and all that fun stuff."

Eileen Bruns ('13): "Well, I just graduated from SU with my MS Ed in early childhood special education. I will be officially done with my degree in August and am currently applying to any jobs that I find! Aside from school, I work at a preschool supporting children with special needs in an inclusion classroom. Let's just say, there is never a dull moment, but I love what I do! I completed my first half-marathon in April

and am looking forward to the boilermaker coming up in July (running the mile...). Overall, it has been a great year full of changes! I am looking forward to what the future has in store! Miss my Nazareth family and the Math Center! I hope all is well with you!"

Alexa Courtney ('13) works at CoreLogic in Pittsford.

Ashlee Evertt ('13): "I work as a Credit Analyst at United Auto Credit in good ol' Buffalo, NY."

Emily Foster ('13) moved to Pittsburgh and is work-

ing as an eCommerce Operations Analyst for Dick's Sporting Goods.

Bethany Herberger ('13): "In August I moved to Virginia and am working for Fairfax County Public Schools as a middle school special ed math teacher. I teach both 7th and 8th grade."

Cami Hollick ('13) is diving for coral...no, wait, coral is endangered...pearls...no, not sure about that...maybe...taking photos of fish in the Caribbean.

Kelly Husted ('13) is working in Rochester.

Sierra Marchese ('13) is working in the Secret Service. Or she isn't. It's a secret.

Molly Kingsley ('13, minor) is in graduate school at the Anschutz Medical Center in Denver at the University of Colorado.

Elisa Napierala ('13) provided a flowchart of her life after graduation (above).

Emiline Pelletier ('13) lives in Rhode Island.

Heidi Prentice ('13) is working as a tutor in Rochester.

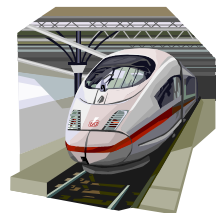**Philip Schierer ('13)**: "I am working at Rochester Career Mentoring Charter School and coaching track."

Kerrie Sirianni ('13): "This spring, I finally got a job! I am working in Accounts Receivable as an Accounting Assistant at First Allied Corporation. Between graduating last spring and getting a job this spring, I took that time for myself to just work and enjoy my life, and figure out what I wanted to do in the future, and I don't regret it at all!"

Frankie Tangredi ('13) is working at Coordinated Care Services in Rochester.

Caitlin VerSchneider ('13) is teaching at Newark HS in Newark, NY.

Pendant ce temps en France ...

We've received reports that the country of France is delighted to be featured so prominently in this issue of Our Newsletter. It helps to mitigate the embarrassment of having to retrofit parts of their railway system after they forgot the old "Measure twice, build a multi-billion dollar fleet of railcars once" adage and built trains that were too big for many (as in, over a thousand) of their older stations. You can read about the story at http://gawker.com/france-spent-20-billion-on-trains-that-cant-fit-in-the-1579960242 and also a list of other times that inaccurate measurement has caused problems at http://www.bbc.com/news/magazine-27509559.

Etudier à l'Étranger

Once again, several of our students spent a semester abroad. This year, **Melanie Sarko ('14)** spent the fall in Valencia, Spain, and **Ashley Binnert ('14)** and **Kailey Ritch ('14)** both student taught in Leeds, England.

Recherche des Étudiants

This spring, four students participated in the Undergraduate Research course in math education, led by **Nicole Juersivich**. They presented their results at the Spring 2014 meeting of the MAA Seaway Section.

(Left to right): **Courtney Larkin ('14)**, "How Can We Accelerate Our Advanced Common Core Students?"; **Mary Losito ('14)**, "Do You Suffer from Calculus Phobia?"; **Nicole Juersivich**; **Grace Crowell ('14)**, "Are Manipulatives Just Toys?"; **Kyli Knickerbocker ('14)**, "Up before Over: Informal Language before Formal Mathematical Vocabulary"

Les mathématiques et les sciences Clubs aller à Boston

Following on the success of last year's trip to the Math Museum in New York City, the Math and Science clubs joined forces and took a trip to Boston to see what mathy and sciency and generally fun things it had to offer.
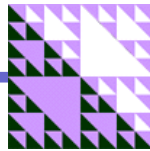
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P I (E) D A Y

Presentation: **Dyan Verschage ('14)**
Creativity: **Rob Ramos ('16)**
Taste: **Jeanine Youngers ('14)** and **Mary Losito ('14)**

Sudoku

⭐ ⭐ ⭐ ⭐ ⭐

	7	2						
		8	9	5	2	6	7	3
		9	6	1	3	8		
3	2	6	4	8	7	9		
						5	6	

brainfreezepuzzles.com

Worms Sudoku Rules: Fill in the grid so that each row, column, and 3x3 block contains 1–9 exactly once, and each "worm" contains an increasing or decreasing sequence of digits (for example 2479).

8	4	2	9	6	7	3	1	5
1	6	5	3	8	4	2	7	9
9	7	3	5	2	1	6	8	4
5	1	9	8	3	2	4	6	7
2	3	4	6	7	5	1	9	8
6	8	7	4	1	9	5	3	2
7	2	8	1	4	6	9	5	3
3	5	6	2	9	8	7	4	1
4	9	1	7	5	3	8	2	6

Solution to last issue's sudoku

brainfreezepuzzles.com

Problems

Solutions to Problems 7.2:

7.2.1: (4,2) and (10,10)
7.2.2: 11 times
7.2.3: $H(H+2)(H+4)/((H+1)(H+3))$

Problem 8.1.1: In a 6-volt circuit with an adjustable resistor set at 2 Ω, at what rate is the current increasing if the resistance is decreasing at 0.5 Ω/s?

Problem 8.1.2: Chris and Pat are running (*courant*) around a track in opposite directions. Chris completes a lap every 56 seconds. Pat meets Chris every 24 seconds. How many seconds does it take for Pat to complete a lap?

Problem 8.1.3: Five roommates had gathered a bowl of currants and left them on the table overnight.

However, the roommates did not trust each other. When they were all asleep one woke up and decided to take her share. So she divided the currants into five piles. She had one currant left over and gave it to the dog, then hid her pile and put the rest back together.

All five of the roommates did the same thing, one after another, each one taking a fifth of the currants in the pile, and each one having one left over for the dog. In the morning they divided what currants were left, and they came out in five equal shares. How many currants there were in the beginning?

Send solutions, articles, nouns, superlatives, alumni news, calendars or suggestions to Heather (hlewis5@naz.edu) or Matt (mkoetz1@naz.edu).