Meet Jonathon Groves, Tutor

Jonathan Groves (he goes by “Tutor Jonny” in live tutoring at the Kaplan Math Center) has always wanted to be a math teacher. He had originally wanted to teach high school, but after learning about the beauty and creativity of pure mathematics, Jonathan decided to teach at the college level and become a mathematician. After getting his Bachelor’s in Mathematics at Austin Peay State University (Clarksville, TN) in May 2003, he went to Western Kentucky University (Bowling Green, KY). While there, he was a research assistant under Jean-Claude Evard. He earned his Master’s in Mathematics in August 2004 and went to the University of Kentucky (Lexington, KY) to try for a doctoral degree.

While at the University of Kentucky, he continued his research and published several papers. Jonathan earned a second Master’s in Mathematics in December 2008. While teaching at UK as a teaching assistant, he confirmed that he wanted to continue teaching and tutoring mathematics.

Though Jonathan did not earn the PhD in mathematics, he did meet his goal of becoming a mathematician. He continues to ponder going for a degree in mathematics education or statistics.

Jonathan still works on his research and remains in contact with Jean-Claude Evard about his research and his papers. As of now, he has published five papers, has a sixth paper accepted for publication, and has three more papers and a monograph in progress.

Jonathan participates frequently in the discussions on Math-Teach, an online discussion forum on K-12 mathematics education offered through Math Forum (www.mathforum.org). Discussions on Math-Teach often turn into very heated arguments between those who support traditional American math education and those who want to see that changed. Jonathan strongly believes many changes should be made to traditional American math education. He also participates in Mathedcc (also offered through Math Forum), which focuses on remedial and first-year college math education. His posts reveal much of his current thinking on the problems with math education.

Jonathan is now living in Clarksville, TN, where he was born. He is a popular tutor for the Kaplan University Math Center. He hopes someday to write the kinds of textbooks and develop the kinds of courses that he believes will help give struggling math students what they need to learn mathematics successfully.

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The KUMC Offers:

Live Tutoring

All tutors are trained to provide exceptional academic support. In the KUMC, we can assist students in courses from the developmental to the graduate levels. Our tutors are dedicated to the success of Kaplan students!

For live tutoring:
- go to “My Studies” on the KU Campus
- choose “Academic Support Center”
- select “Math Tutoring”

or click: http://khe2.acrobat.com/mathtutor/

General Tutoring Schedule:

Sunday: 8:00pm-12:00am (midnight)
Monday: 11:00am-4:00pm & 8:00pm-12:00am (midnight)
Tuesday: 11:00am-12:00am (midnight)
Wednesday: 11:00am-4:00pm & 8:00pm-12:00am (midnight)
Thursday: 11:00am-4:00pm & 8:00pm-12:00am (midnight)

Although business students are welcome to seek assistance any time live tutoring is available, specific hours are staffed by faculty members with business expertise.

Expanded Business Tutoring Schedule:

AC113, AC114, AC116, AC122, AC256, and AC300
(GB513 students may seek assistance during general tutoring times)

Sunday: 8:00 PM to 12:00 AM (midnight)
Monday: 8:00 PM to 12:00 AM (midnight)
Tuesday: 11:00 AM to 2:00 PM; 9:00 PM to 12:00 AM (midnight)
Wednesday: 8:00 PM to 12:00 AM (midnight)
Thursday: 11:00 AM to 2:00 PM; 8:00 PM to 10:00 PM
* All times are Eastern Time

Project Review Service for KU122 & MM207

Tutors will provide guidance to the student for improving the project submission. (Tutors will not grade or correct the project.)

Students should submit assignments early enough to receive feedback and make corrections before the project due date (24-48 hour turn around is typical).

Email projects to: kumc@kaplan.edu

Please put “project review” in the subject line of the message and your name in the project file name.

Each unit project may only be submitted 1 time.

Question & Answer Service

Students may submit questions 24 hours a day 7 days a week. Tutors will respond to questions within 24 hours during the week and within 48 hours on the weekend (excluding university holidays).

Email questions to: kumc@kaplan.edu

Please put Q&A in the subject line of the message.

Math Modules

Mathematics Modules address questions about pre-algebra, algebra and some concepts in statistics. Math modules are available any time on the Math Center website of the KU Campus or by clicking: http://tiny.cc/sqa4s.
December 6, 2010

Excel 2007 for Basic Stats!

6:00 pm ET

Link: http://khe2.acrobat.com/KUMCexcel/

Mean, median, variance, standard deviation ... Sound familiar? This presentation will provide the steps for performing basic statistical analyses using Excel 2007. Demographic statistics will be calculated using actual data sets in this step by step guided workshop.

Finding Confidence Intervals!

8:00 pm ET

Link: http://khe2.acrobat.com/KUMCstats/

Learn how to determine the type of confidence interval required, calculate the margin of error, and write the confidence interval for the mean or population proportion. This presentation will be a great complement to the seminar on this subject.

Put Those Accounting Fears Behind You

8:00 pm ET

Link: http://khe2.acrobat.com/businesswkshps2/

Jaclyn Felder-Strauss, Business faculty member, will present this workshop highlighting the foundation material for AC114. This workshop is designed to help students begin to understand the “accounting language.” Let us help you feel more confident about your current or upcoming course!

Credit Card Debt

10:00 pm ET

Link: http://khe2.acrobat.com/businesswkshp/

Have you ever wondered how paying off credit card debt works? For instance, have you ever wondered why paying off a credit card debt can take a long time? Do you know how costly credit card debt can be for consumers? Have you ever wondered why experts generally advise that we should not pay just the minimum monthly payment on credit cards? Attend this workshop, and we will answer these questions for you!

All events are open to Kaplan faculty, staff and students free of charge.

Just click on the link at the scheduled time to enter the workshop. Type your name and click “Attend Meeting.”
December 13, 2010

Compound Interest: The Real Money Maker

6:00 pm ET
Link: http://khe2.acrobat.com/kumcmanagement

Did you ever wonder what makes compound interest different from simple interest? This question and others will be answered in this presentation. Learn how to calculate interest, the total amount in an investment over time, and how much to invest if you want to end up with a certain amount of money.

Getting the most out of MyMathLab (MML)!

10:00 pm ET
Link: http://khe2.acrobat.com/kumcalgebra

Lea Rosenberry, Math Department faculty member, will demonstrate how to get the most out of MyMathLab (MML), including navigating in MML, entering answers, getting 100% on MML Graded Practice assignments, and using MML resources.

That’s the Factor!

7:00 pm ET
Link: http://khe2.acrobat.com/kumcalgebra

Do you need help factoring polynomials? This workshop will demonstrate the process of factoring binomials and trinomials. Finding the Greatest Common Factor (GCF) will also be included in the information provided.

Excel 2007 for Frequency Tables and Histograms!

10:00 pm ET
Link: http://khe2.acrobat.com/KUMCexcelstats

This presentation will provide the steps for performing statistical analyses using the data analysis function of Excel 2007. Frequency tables and histograms will be created using actual data sets in this step by step guided workshop.

Operations with Fractions!

8:00 pm ET
Link: http://khe2.acrobat.com/kumcalgebra2

Do the terms least common denominator and cross cancelling factors frighten you? We can help! Come in and let us show you how to simplify rational expressions using addition, subtraction, multiplication, and division.

Check out the KUMC Staff favorite holiday recipes starting on Page 6.

All events are open to Kaplan faculty, staff and students free of charge.

Just click on the link at the scheduled time to enter the workshop. Type your name and click “Attend Meeting.”
December 20, 2010

Hypothesis Testing!

7:00 pm ET

Link: http://khe2.acrobat.com/KUMCstat/

Let us show you how to identify the null and alternate hypotheses, find the rejection region, calculate the test statistic, and determine whether to reject or fail to reject the null hypothesis. This presentation will be a great complement to the seminar on this subject.

For questions or comments, please contact:

Ms. Peg Hohensee
Kaplan University
Math Center

(985) 228-2686 or phohensee@kaplan.edu

Happy Holidays from the KUMC staff!

KUMC Closed for the Winter Break!

The KUMC will close for the Winter break on 12/23/10 at 3:00pm ET.

Please be sure to get assistance in the tutoring area and submit your projects or questions before we close.

Our services will resume on 1/3/11 at 8:00 am ET.

KUMC: We support your infinite possibilities!
**Creole Cream Cheese Cheesecake**  
(From Jamie Shannon of Commander’s Palace)

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td><strong>Crust:</strong></td>
<td></td>
</tr>
<tr>
<td>5 cups graham crackers</td>
<td></td>
</tr>
<tr>
<td>1 cup (2 sticks) butter, melted</td>
<td></td>
</tr>
<tr>
<td>1 cup sugar</td>
<td></td>
</tr>
<tr>
<td><strong>Filling:</strong></td>
<td></td>
</tr>
<tr>
<td>2 pounds cream cheese at room temperature</td>
<td></td>
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<tr>
<td>1 cup sugar</td>
<td></td>
</tr>
<tr>
<td>2 eggs, beaten</td>
<td></td>
</tr>
<tr>
<td>1 ½ cups Creole cream cheese or ricotta cheese</td>
<td></td>
</tr>
<tr>
<td><strong>Sour Cream Topping:</strong></td>
<td></td>
</tr>
<tr>
<td>1 cup sour cream</td>
<td></td>
</tr>
<tr>
<td>3 tablespoons sugar</td>
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</tbody>
</table>

To make the crust:  
Preheat the oven to 225°F. Break up the graham crackers and grind them into a fine meal in a blender or a food processor. In a large bowl, blend together the crumbs, butter, and sugar. Press into the bottom and sides of a 10-inch springform pan.

To make the filling:  
In a food processor or with a mixer blend the regular cream cheese and sugar until completely smooth. Combine the eggs and Creole cream cheese, and add to the cream cheese mixture. Combine thoroughly. Pour into the crust and bake for about 2 hours, or until the cake is set and a cake tester inserted in the center comes our clean. Chill the cake for at least 2 hours before unmolding and serving.

To make the topping:  
In a small bowl whisk the sour cream and sugar together until the sugar has dissolved. Spread the topping over the cheesecake, being careful not to pull crumbs from the edge of the crust onto the topping.

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**Nutty Cole Slaw**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>1 # bag cole slaw mix</td>
<td></td>
</tr>
<tr>
<td>1/2 bunch green onions, chopped</td>
<td></td>
</tr>
<tr>
<td>1 bag raiment pride chicken noodle soup</td>
<td></td>
</tr>
<tr>
<td>3 tbsp sesame seeds</td>
<td></td>
</tr>
<tr>
<td>1 1/2 cups slivered almonds</td>
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</tbody>
</table>

Toast seeds and almonds on cookie sheet in 350 oven for 5 minutes.

Remove noodles from soup bag and crunch into small pieces.

**Dressing:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>3 Tbsp balsamic vinegar</td>
<td></td>
</tr>
<tr>
<td>1/2 cup oil</td>
<td></td>
</tr>
<tr>
<td>1 Tbsp sugar</td>
<td></td>
</tr>
<tr>
<td>Flavor packet from soup mix</td>
<td></td>
</tr>
<tr>
<td>Salt and Pepper to Taste</td>
<td></td>
</tr>
</tbody>
</table>

Mix the above.

Prepare all ingredients and mix right before serving.

---

**Cornbread Stuffing**

Make the cornbread the day before  

**Cornbread:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 butter (or margarine)</td>
<td></td>
</tr>
<tr>
<td>1 cup flour</td>
<td></td>
</tr>
<tr>
<td>1 1/2 cup corn meal</td>
<td></td>
</tr>
<tr>
<td>2 tbsp baking powder</td>
<td></td>
</tr>
<tr>
<td>1 tsp baking soda</td>
<td></td>
</tr>
<tr>
<td>½ tsp salt</td>
<td></td>
</tr>
<tr>
<td>1 cup milk (or to the right consistency)</td>
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</tr>
<tr>
<td>2 eggs</td>
<td></td>
</tr>
</tbody>
</table>

Heat oven to 425 and place butter in a 8 inch round pan. Be careful to watch and only allow the butter to melt.  
Meanwhile mix all ingredients except butter in a bowl. When the butter is melted, pour all but about 2 tbsp into the bowl and mix further. When done, pour ingredients into the pan that is prepared and then cook for 20-25 minutes until golden brown.

Later to prepare stuffing:  

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 stalks celery (including leaves)</td>
<td>chopped</td>
</tr>
<tr>
<td>1 onion (chopped)</td>
<td></td>
</tr>
<tr>
<td>3/4 cup butter</td>
<td></td>
</tr>
<tr>
<td>2-3 tbsp poultry seasoning (to taste)</td>
<td></td>
</tr>
<tr>
<td>Pepper and salt to taste</td>
<td></td>
</tr>
<tr>
<td>1 tsp parsley</td>
<td></td>
</tr>
<tr>
<td>½ to 1 cup chicken broth (depending on how “wet” you like your stuffing)</td>
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</tr>
<tr>
<td>Crumbled cornbread</td>
<td></td>
</tr>
</tbody>
</table>

Melt the butter in a sauce pan. Add the chopped celery and onion and sauté. Add the spices. Mix in the crumbled cornbread and the broth. Take it off of the heat and let it cool.
Pumpkin Dip

3/4 cup softened block low fat cream cheese
1/2 cup brown sugar
1/2 cup caned pumpkin
2 tsp maple syrup
1/2 tsp cinnamon

Blend together with hand mixer, serve with apple slices or gingersnaps
Yummy

Pistachio Cake

<table>
<thead>
<tr>
<th>1 yellow or white cake mix</th>
<th>Topping:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 box instant pistachio pudding</td>
<td>2 cups confectioners’ sugar</td>
</tr>
<tr>
<td>¾ cup oil</td>
<td>1/3 cup water</td>
</tr>
<tr>
<td>1 cup water</td>
<td>2 Tablespoons margarine</td>
</tr>
</tbody>
</table>

Mix all ingredients except pecans. Beat 4 minutes. Pour into greased and floured 9x13 pan. Sprinkle with pecans. Bake at 350º for 40 minutes or until toothpick comes out clean. Poke holes in warm cake with fork and pour the following mixture over it:

A pessimist sees the difficulty in every opportunity; an optimist sees the opportunity in every difficulty.

—Winston Churchill