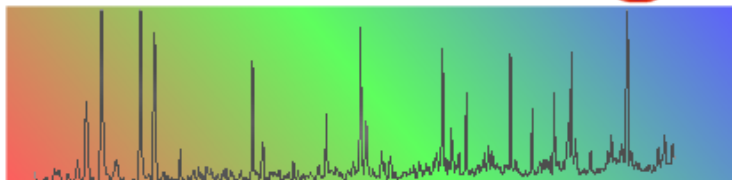




# SAS-Chicago



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Please visit our linked business cards on the [last page](#) of this flyer.

## December Meeting

Tuesday, December 12, 2006

The December 2006 meeting will be held at the Angelo's Restorante & Banquets, located at 247 N. York Rd., Elmhurst, IL 60126. See the map on the following page.

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**Social Hour: 5:30 - 6:30 PM**

**Dinner: 6:30 PM**

**Speaker: 7:30 – 9:00 PM**

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### Water Chemistry for Aquatic Life

by

Allen LaPointe

*Director of Water Systems and Analysis, John G. Shedd Aquarium*

All freshwater and marine organisms require specific environmental conditions in order to sustain optimum health. In an enclosed, captive environment, maintaining proper water quality parameters for the specific types of organisms being housed is undoubtedly the most important aspect of animal care.

Water testing methods vary, but traditional wet chemical techniques and instrumentation are used, as they are in other water analysis. Understanding which parameters to measure and how to measure them is the first important step. Being able to interpret the data to understand what is happening chemically and biologically in the water system is the next important step. Lastly, determining corrective action is necessary to maintain good quality water and to quickly react to potentially dangerous situations.

The Shedd Aquarium has over 5-million gallons of various types of fresh and seawater. Life Support Systems run 24-hrs every day and water analysis happens 365 days a year. Learn how the Shedd is able to maintain such a diversity of aquatic life and how we can maintain ocean systems in the middle of the Chicago.

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Please make your dinner reservations for the upcoming meeting by email at [sas.chicago@bigfoot.com](mailto:sas.chicago@bigfoot.com), by using the form on our web page < <http://sas-chicago.org/Online%20Registration%20at%20Angelo.htm> > or by calling Mary Kaplar at 708-449-5767. Leave **your name, company affiliation, a telephone number, the number of reservations and your choice of entree**. Please call by **noon Friday, Dec. 8th**, so that proper arrangements can be made with the restaurant. If you can't attend, cancel by Mon. noon: SAS is charged for no-shows.

**Entree choices: 6 oz Ribeye Steak, Chicken Florentina Spinach, or Pasta with Garlic and Oil Fried Vegetables.**

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**Dinner Cost Members: \$25**

**Students and Unemployed Members: \$10**  
**(No Shows may be Billed)**

**Non-members: \$30**

## Biography of Allen LaPointe

Allen is the Director of Water Systems and Analysis at the John G. Shedd Aquarium. He began as a chemist at the Aquarium in the spring of 1997, learning the life support systems and working with the laboratory instrumentation. Allen now manages the environmental quality laboratory, monitoring animal habitats and recommending adjustments to life support operations.

Before starting his career with Shedd Aquarium, Allen was employed at the Hammond Indiana Sanitary District. He studied chemistry and aquatic zoology at Southern Illinois University in Carbondale, receiving a B.S. in 1993. In addition, he has recently received his MBA from the University of Phoenix.

Allen has conducted various water quality trainings for zoological organizations and has taught various courses in water chemistry, including a two-semester course titled Water Works.

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## DIRECTIONS TO ANGELO'S RESTORANTE & BANQUETS

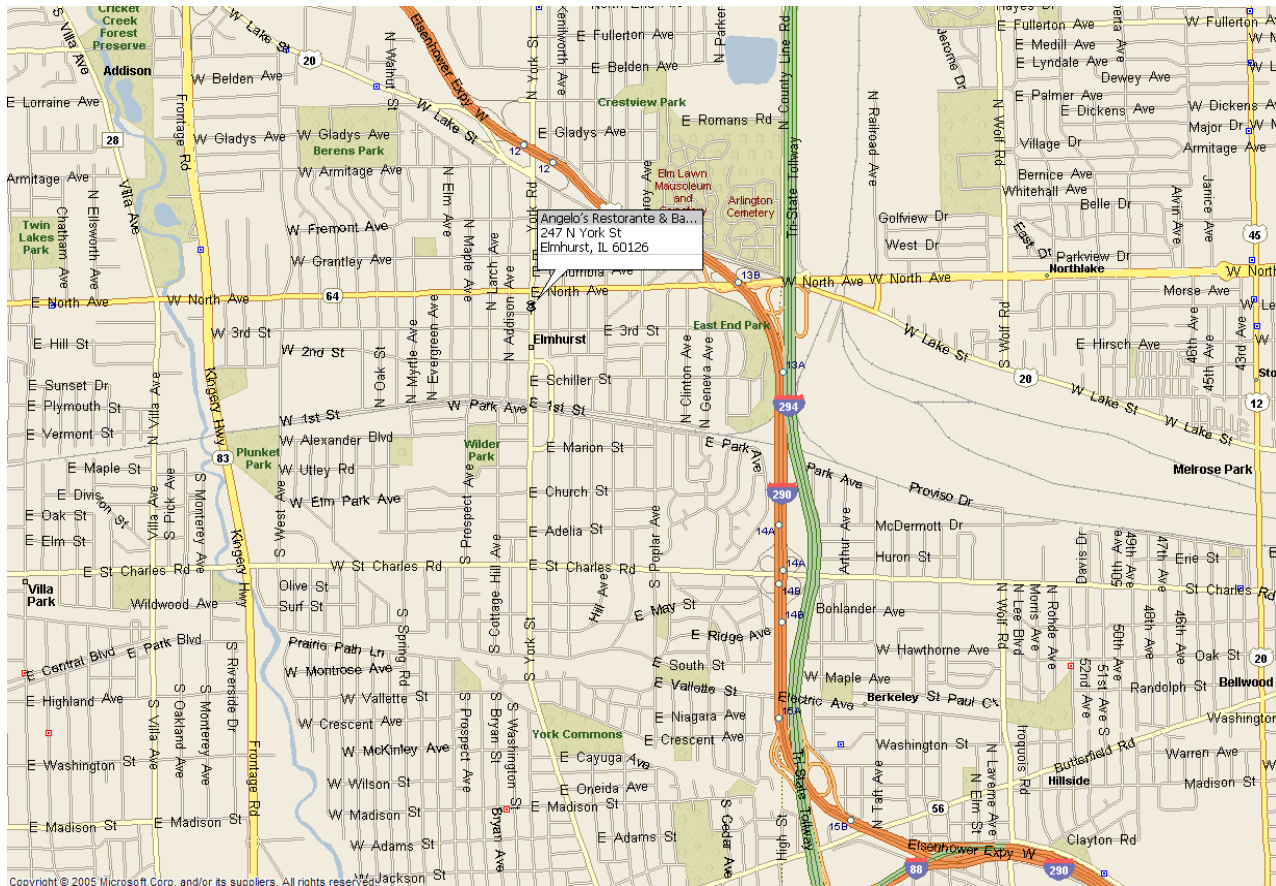
247 N York St, Elmhurst, IL 60126; Phone: 630-833-2400

Angelo's Restorante and Banquets is located in Elmhurst less than one block south of North Avenue (IL-64) on York St. on the east side of the street.

From north: Take I-294 (Tri-State) exit I-290 West. Immediately exit onto IL-64 West (North Avenue). Go to York St. and turn left. Proceed to restaurant.


From northwest: Take I-290 to the York Road exit and turn left. Proceed to restaurant.

From south: Take I-290 exit IL-64 West (North Avenue). Go to York St. and turn left. Proceed to restaurant.



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