

The Erie Canal: Engineering and History

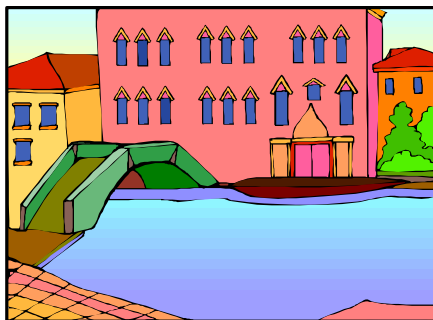
Samuel P. Clemence, Ph.D.

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Professor Clemence, Syracuse University Meredith Professor for Teaching Excellence will present a multimedia lecture. The fascinating details concerning the engineering and history of the Erie Canal will be presented. The early history of the Erie Canal is one of the all-time great stories of a “disruptive technology,” complete with lessons relevant to today’s revolutions in electronics, communications and biotechnologies.

AS AN ENGINEERING ASSIGNMENT AT THE TIME, IT WAS THE EQUIVALENT OF PUTTING A PERSON ON THE MOON IN THE 1960S. WHEN IT WAS FIRST PROPOSED IN 1808, THE IDEA OF BUILDING A CANAL OF THIS SIZE BY HAND WAS SIMPLY OUTLANDISH. HOWEVER, DEWITT CLINTON WAS UNFAZED. HE BECAME GOVERNOR OF NEW YORK IN 1817 AND CONSTRUCTION OF THE ERIE CANAL, AKA CLINTON'S DITCH, COMMENCED THE SAME YEAR.

After it opened in 1825, the impact of the Canal was extraordinary, with cities along the route experiencing enormous increases in their populations. In Syracuse, the population increased more than 12-fold in 30 years from 1,814 to 22,277.

Please join us on **Tuesday, November 7th (election night)**

Onondaga Community College, Gordon Student Center
Faculty Staff Dining Room

Dinner at 6:30, talk to immediately follow dinner

Cost is \$15.00 for CNYAPG members / \$18.00 for non-members

*Reservations with your dinner choice must be e-mailed by **MONDAY, OCTOBER 30th** to Sarah McCulloch at sarah@geologic.net. Dinner choices are Prime Rib or Pesto Lasagna.*

CNYAPG NEWSLETTER CONTRIBUTORS

VITA DEMARCHI
SARAH MCCULLOCH

Directions to OCC

From Route 81 Northbound:

Take the Nedrow Exit - #16, turn left at the bottom of the exit following Route 11/Salina Street south.
Turn left onto Route 173/Seneca Turnpike. The OCC campus will be on your right.

From Route 81 Southbound:

Take the Brighton Exit - #17, proceed one block west to Salina Street – turn left onto Salina Street. Go south on Salina Street to Route 173/Seneca Turnpike. Turn right onto Route 173/Seneca Turnpike. The OCC campus will be on your right.

Park in the **NE4 parking lot** (northeast quadrant of the campus). The **Gordon Student Center** is located southwest of parking lot NE4. Detailed maps are on the OCC web page: www.sunyocc.edu/campmap/

OUR PRESIDENT'S VOICE

By
Sarah McCulloch



Dear Members,

The field excursion to the Jamesville Quarry was fun and well attended – *thanks again to Meg Harris for organizing and leading this trip!*

Even though we have not had an evening dinner meeting yet this season, the Board of Directors (BOD) has had two meetings. At the September BOD meeting, a motion to make a \$2,000.00 donation to the New York State Council of Professional Geologists (NYSCPG) was made and unanimously passed. The money is used by the NYSCPG to pay a lobbyist and attorney fees in connection with the legislative effort currently underway to get state licensure for geologists. Copies of the licensure bill can be viewed on the NYSCPG web page at: www.nyscp.org. The CNYAPG is now a Platinum Corporate Sponsor of the NYSCPG along with the Buffalo Association of Professional Geologists (BAPG).

AT THE OCTOBER BOD MEETING, A MOTION TO INCREASE THE CNYAPG MEMBERSHIP RENEWAL FEE WAS MADE AND PASSED. THE NEW FEE IS \$25.00 PER YEAR AND WILL BE EFFECTIVE WITH THE RENEWAL APPLICATIONS TO BE SENT OUT IN DECEMBER 2000. IN ADDITION, THE MEMBERSHIP APPLICATION FEE OF \$10.00 HAS BEEN ELIMINATED. THE STUDENT MEMBERSHIP FEE OF \$10.00 PER YEAR WAS NOT INCREASED.

Finally, the CNYAPG is hosting a very special **fundraising party** for the NYSCPG on Thursday evening, November 16th at the Hotel Syracuse Radisson Plaza in downtown Syracuse. The festivities will begin at 5:30 p.m. Hors d'oeuvres will be served (you won't go away hungry!), drinks will be available at a cash bar, drawings for door prizes will be held and raffle tickets will be sold for a 14' Perception Carolina one-person touring kayak at \$5.00 each. The winning ticket for the kayak will be drawn on December 12th at the joint meeting with the engineers at the Carousel Sky Deck. If you can't make the fundraising party and you want to buy some kayak raffle tickets, or if you have any questions, please call me (607-836-4400) or Vita DeMarchi (315-475-9204).

We have had lots of new faces at the two field excursions this fall, including many pint sized geologists. Hopefully we will see many old and new faces at the upcoming November 7th and November 16th evening functions.

Regards,

Sarah McCulloch

Calendar

October 24-26, 2000 (Tues – Thurs)	2000 Annual Industry Environmental Conference; Sheraton Saratoga Springs, sponsored by: The Business Council of NYS, Inc. Call 1-800-358-1202.
November 4 (Saturday)	Dinner to honor Professor Gerald Friedman for his lifetime achievements. Troy Country Club. For information, contact William Kelly at 518-474-7559 or wkelly@mail.nysed.gov
November 7, 2000 (Tuesday)	7:00 p.m. (election day) – The Erie Canal: Engineering & History, Onondaga Community College, Gordon Student Center, Dinner at 6:30 p.m., talk to follow.
November 16 2000 (Thursday)	CNYAPG-Sponsored Fundraiser for NYSCPG. Hotel Syracuse Radisson Plaza, Empire Room, Hors D'Oeuvres, Music, & Several Evening Raffles. Party starts at 5:30 p.m. Purchase tickets for the December 12th raffle of a Perception Carolina Touring Kayak. Watch for further details or contact either Vita DeMarchi or Sarah McCulloch.
December 12, 2000 (Tuesday)	Joint meeting with the Engineers at the Carousel Sky Deck. Fundraiser raffle drawing for the Perception Carolina Touring Kayak. Details to come.
January 11, 2001 (Thursday)	“Detection of Hydraulically Conductive Fractures When There is No Outcrop”, Dr. John Fountain, SUNY Buffalo (dinner and talk).
May 2000	Short Course: Subsurface Fate and Remediation of MTBE and Ethanol.
Non-CNYAPG Events:	
March 26 – 28, 2001	“Fractured Rock 2001”, Toronto, Canada. Further Info: martinalli@saic.com

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CNYAPG MISSION STATEMENT

The CNYAPG was founded in 1993 to strengthen and advance the geologic sciences as a profession and to provide an open forum for the exchange of ideas; to promote the protection of public welfare through the professional practice of geologic sciences; to inspire and maintain the highest standards of professional conduct, business ethics, and personal honor of the membership; to foster the spirit of scientific research throughout the membership; to publish and otherwise disseminate information related to the geologic sciences and associated technologies; to maintain and encourage intra- and inter-association activities, to enhance the association's programs, and to encourage the affiliation of individual members with other scientific and technical organizations

Visit the CNYAPG Web Site for Updates
<http://www.dreamscape.com/cnyapg>