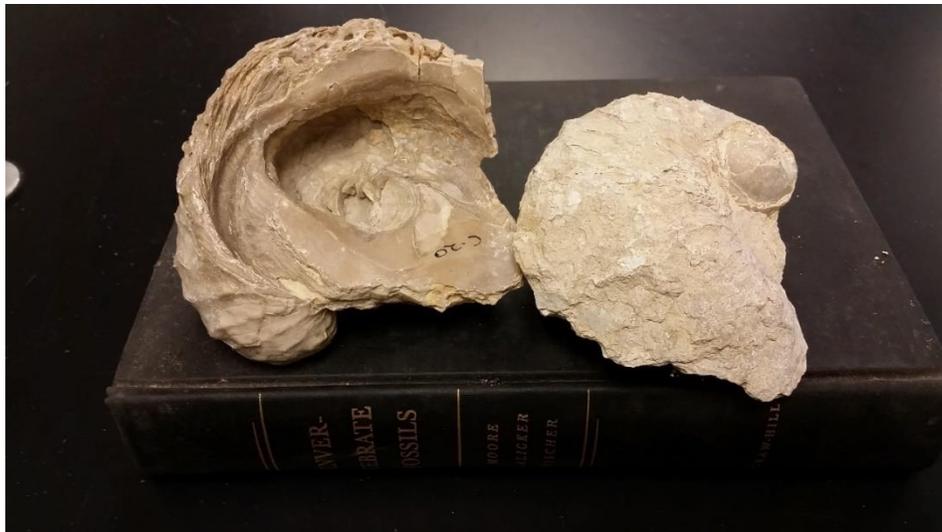
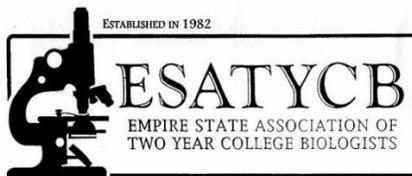


**The Lab Science Department of SUNY Jefferson
Community College invites you to attend the 35th
Annual ESATYCB Conference**



Biology, a Transdisciplinary Science

**April 13th – 15th, 2018
Watertown, NY**



***With Generous Support from ESATYCB, FSA, Foundation, Lab Science
Department of Jefferson Community College and Ward's Science***

CONFERENCE SCHEDULE

Friday, April 13th

- 6:00 – 7:00 pm Registration and Welcome
- 7:00 – 8:30 pm **“Climate Change and Paleoseasonality in Earth’s Distant Past: Insights from Fossil Bivalves”** (Sponsored by: ESATYCB, FSA, JCC Foundation and Ward’s Science), Hilton Garden Inn Conference room. Featured Speaker – Dr. Linda C. Ivany.

Saturday, April 14th

- 7:30 – 8:30 Breakfast / Registration
- 8:30 – 8:45 Welcome and Opening Remarks, 2-107
- 8:45 – 9:30 Presentation: **From tick research to land management. Fort Drum Environmental Conservation.** Raymond Rainbolt, Fort Drum, NY Room 2-107
- 9:45 – 10:30 Workshop: **Watersheds and the Nitrogen Cycle**
Dr. Chris Ebey, SUNY Jefferson Community College, Room 2-107
- 10:45 – 11:30 Workshop: **General Biology for Majors, Using Inquiry to teach Biology**
Drs Todd Vincent and Monica LeClerc, SUNY Jefferson Community College, Room 2-107
- 11:45 – 12:45 Lunch in the cafeteria
- 11:45 – 12:45 **Student and Faculty Poster Sessions, Cafeteria Commons.**
- 1:00 – 1:45 Speaker: **Interdisciplinary Experience – A team taught Field Biology and Statistics course**
Professor Joel Lalone and Dr. Monica LeClerc, SUNY Jefferson Community College, Room 2-107.
- 2:00 – 2:45 Speaker: **Stereoisomers**
Dr. Venkat Chebolu, SUNY Jefferson Community College, Room 2-107
- 3:00 – 3:45 Speaker: **Transdisciplinary medicine: The Diagnostic Management Teams**
Jeffrey S. Kiggins, SUNY Jefferson Community College, Room 2-107
- 4:00 – 5:00 Executive Committee meeting, 2-120D
- 5:00 – 6:00 Business meeting, 2-120D
- 6:30 – 8:00 Buffet Dinner and Cash Bar at Hilton Garden Inn

Sunday, April 15th

- 6:00 – 8:30 am **Traditional Bird Walk**, Dr. Monica LeClerc, SUNY Jefferson Community College
At Fort Drum, NY
- 8:30 – 9:30am Breakfast
- 9:45 – 10:45am Workshop: **Concussion and its effects on the brain**
Mark Streiff and Mike Guga, SUNY Jefferson Community College, Room 2-125
- 11:00 Snack for your trip home.
- 12:00 Have a safe trip home.

Featured Speakers:

Dr. Linda C. Ivany - "Climate Change and Paleoseasonality in Earth's Distant Past: Insights from Fossil Bivalves"

Professor Ivany's work fits broadly into the fields of earth history and paleobiology. Most research projects lie at the intersection of marine paleoecology and paleoclimate, and relate to how ecosystems and their component taxa evolve and respond to changes in the physical environment on a variety of temporal and spatial scales. Many studies incorporate the stable isotopic chemistry of accretionary skeletal hard parts to reconstruct records of life history, seasonality, and environment in deep time. She has particular interest in the biotic and climatic evolution of the early Cenozoic, with longstanding projects in the molluscan records of the US Gulf Coastal Plain and Antarctica. Work on the chemistry of Permian and Cretaceous bivalves relates to paleoseasonality and the oxygen isotopic composition of seawater. Research on growth rate and lifespan explores the evolution of life histories in deep time, including the evolution of extreme longevity. Other interests include the long-term dynamics of ecological assemblages, including the proposed pattern of coordinated stasis, and how the architecture and composition of the sedimentary record influence metrics of Phanerozoic diversity.

Ivany's research has been funded through the National Science Foundation and the American Chemical Society's Petroleum Research Fund. She has served as both a Distinguished Lecturer and Councilor-at-Large for the Paleontological Society, and is a member and past president of the Board of Trustees for the Paleontological Research Institution in Ithaca NY. She is active in the peer-review process for NSF and a variety of disciplinary journals, including Associate Editor stints with *Geology*, *Geobiology*, and *Paleobiology*. She is a Fellow of the Paleontological Society and the Geological Society of America.

<http://environmentalscience.syr.edu/ivanybio.html>

Dr. Venkat Chebolu - Stereoisomers

Dr. Chebolu grew up in Bombay (now Mumbai) India. His love for chemistry started during his freshman year in chemistry at Parle College, University of Bombay. The lab activities were so interesting to him that after a three hour lab, he could not wait to complete his lab reports. Following the completion of a B.S. degree in chemistry, he pursued a M.S. degree in chemistry from the Indian Institute of Technology in Bombay and then completed a Ph.D. degree in chemistry from SUNY at Stony Brook. After three years of postdoctoral research at The Pennsylvania State University, Venkat pursued a full time teaching career and began his tenure at Jefferson in 1993. Venkat enjoys showing the fun in chemistry to everyone interested. He currently teaches Introductory, General and Organic chemistry classes.

Professor Genny Pond – Engineering meets Biology. The 3-D printer and cerebral ventricles

Genn Pond joined the college in 1997 and is a Professor of Engineering at SUNY Jefferson. Her research creating computer software for the design of bolted field splices was sold by the American Iron and Steel Institute. She holds a Masters in Structural Engineering from Clarkson University. She received the Chancellor's award for Excellence in Teaching in 2008; serves as Advisor to JCC's Engineering Club, President to SUNY's Two Year Engineering Science Association (TYESA), Vice President of Jefferson's Faculty Student Association, and Director of Jefferson's CSTEP program. She is the organizer of the SUNY Jefferson spaghetti Bridge competition which is in its 14th year. She has directed Clarkson's Horizons program and organizes her students to mentor high school teams for FIRST robotics competitions. As a proponent of STEM education for all and outreach to high school and middle school students, Prof. Pond spends her time teaching, finding opportunities for students to get supplemental funding, and visiting local schools with LEDs, robots, and 3D printing. She is also a singer, archer, boater and amateur referee to three boys.

Dr. Chris Ebey - Watersheds and the Nitrogen Cycle

Dr. Chris Ebey grew up in and near Chicago, IL. She received her BS in mathematics and MS in geology at the University of Illinois at Chicago. She then went on to complete a PhD in Denmark, staying another two years to complete a research position. She has done research in Germany, Switzerland, Denmark, Sweden, and the USA and has given lectures on three continents. She currently teaches geology at JCC.

Dr. Todd Vincent - General Biology for Majors, using Inquiry to teach Biology

Dr. Vincent is from Randolph, New York, and enjoyed a rural upbringing that fostered a love of nature from an early age. After graduating from Randolph Central School he attended Hiram College where he earned a Bachelor of Arts in Biology. Upon graduation he received an invitation to enter the Doctoral Program of the Department of Zoology at the University of Tennessee, where he began conducting research on the behavioral ecology of the green anole, *Anolis carolinensis*. Ultimately he earned a Ph.D. in Ecology and Evolutionary Biology with research emphases on lizard community ecology, invasive species ecology, and lizard reproductive physiology. His main hobbies are gardening, home improvement, and keeping up with his two boys. Todd teaches Anatomy and Physiology I & II, ZooTechnology seminars, general biology, and vertebrate biology at JCC

Dr. Monica LeClerc – General Biology for Majors, using Inquiry to teach Biology and Interdisciplinary Experience – A team taught Field Biology and Statistics course

Dr. LeClerc grew up in Connecticut where she developed an early interest in observing birds. She attended the University of Connecticut, earning a B.S. in Natural Resources Conservation. She earned an M.S. in Wildlife Management from West Virginia University, and a Ph.D. in Zoology from Brigham Young University in Utah. Monica's research was in the area of avian ecology. Some of her recreational activities are birdwatching, hiking, and knitting. Previous employment experience includes field research, farm work, environmental education, and teaching. Monica teaches introductory biology, vertebrate biology, and ecology at JCC.

Professor Joel LaLone – Interdisciplinary Experience – A team taught Field Biology and Statistics course

Joel LaLone, Mathematics Professor at SUNY Jefferson, is guided by a philosophy of applied learning. The Center for Community Studies was established in 1999 and has facilitated his approach to applied learning for students of statistics ever since. The Center has completed over 150 community-based research studies in Northern New York using a vast array of methodologies of data collection and data analysis. He has served as principal researcher, data analyst, and author for virtually all of these studies. The studies have served arguably every aspect of what one would typically define as a community, including but not limited to, the community sectors of education, government, healthcare, policing and safety, agriculture, manufacturing, public health, comprehensive economic and land use planning, tourism, and economic impact studies. Mr. LaLone's educational philosophy continues to enthusiastically be that through the research endeavors at the Center he has been allowed to actively participate, remain current in, and serve society, with the mathematical tools that he teaches. In summary, his service both on and off campus are often detailed in presentations and writings as his "Win-Win-Win-Win" situation wherein the **community, students, college, and faculty** are all served and "win" through the community-based research that he delivers.

Mike Guga – Concussion and its effects on the brain

Mr. Guga started teaching at Jefferson part time in 2006. He enjoys teaching and learning. Mike believes that teaching is one of the best careers that a person can have. Mike thrives on preparing students to reach their goals, and enjoys meeting new people in a safe learning environment. "One of the biggest kicks I get out of teaching is hearing from our former students.....the feedback that Jefferson prepared them well for their transfer school (or their career) is empowering. I reinforce to the students that – You are your biggest investment". Mr. Guga joined the full-time biology faculty in 2016.

Dr. Mark Streiff – Concussion and its effects on the brain

Associate Professor of Physical Education - JCC

Head Athletic Trainer - JCC

Concussion Management Coordinator – JCC

“My educational background includes a Bachelor's of Science Degree (1989) in Physical Education/Athletic Training from the State University of New York (SUNY), College at Brockport, Brockport, NY. I received a Masters of Science Degree (1991) in Physical Education/Athletic Training from Indiana State University, Terre Haute, IN.

I received a Doctorate of Education from the United States Sports Academy. My Ed. D is in Sports Management with an emphasis in Sports Medicine.

In addition to working at the college, I also serve as an Athletic Trainer for the United States Track & Field team, various Olympic teams, and the Olympic Training Centers in Colorado Springs, CO and Lake Placid, NY.

My last trip was to Austria, Switzerland, and Germany with the US Olympic Skeleton and Bobsled Teams.”

Jeffrey Kiggins – Translational Biology sub disciplines as a driving force for transdisciplinary medicine: The Diagnostic Management Teams

Mr. Kiggins is a Lewis county native. He grew up in Harrisville, NY and attended SUNY Brockport. Mr. Kiggins has a Master's in Molecular Biology and certifications in Medical Laboratory Science with a Specialist in Clinical Chemistry. He maintains his certifications and licensures and occasionally works per diem in the Clinical Laboratory field. His hobbies are hunting, 4-wheeling and motorcycle riding. Jeff is a Life Member of the VFW, American Legion and 1st Infantry Division Society. He is also an annual member of AUSA. Jeff currently teaches Anatomy and Physiology I & II, Microbiology, and Genetics.

Register by April 1, 2018, by completing the registration form on the next page and mailing to the address indicated on the form.

REGISTRATION FORM
Empire State Association of Two Year College Biologists (ESATYCB)
35th Annual Conference-Hosted by SUNY Jefferson Community College

Conference Emphasis: Biology, a Transdisciplinary Science

Dates: April 13th – 15th 2018

Location: SUNY Jefferson Community College, Samuel Guthrie Building, 1220
Coffeen St. Watertown, NY 13601. (315) 786-2457

Name: _____ School: _____

Please check events you plan to attend and enclose a check for the total amount.

Registration	Members	\$75	_____
	Non-Members	\$90	_____
	Student	\$15	_____
	High School Teachers	\$35	_____

Dining

Friday, April 13th, 2018

6:00 pm -7:00 pm	Registration and Reception	<i>no cost</i>	_____
------------------	----------------------------	----------------	-------

Saturday, April 14th, 2018

7:30 am – 8:30 am	Breakfast	\$18	_____
-------------------	-----------	------	-------

11:45 am – 12:45 pm	Lunch	\$30	_____
---------------------	-------	------	-------

6:30 pm – 8:00 pm	Dinner and Full Bar	\$39	_____
-------------------	---------------------	------	-------

Sunday, April 15th, 2018

8:30 am – 9:30 am	Breakfast	\$18	_____
-------------------	-----------	------	-------

11:00 am	Snack for trip home	<i>no cost</i>	_____
----------	---------------------	----------------	-------

Total food cost = \$105	_____
Total	_____

For ADA accommodations, please check and specify: _____

If you are interested in serving on the Scholarship Committee, please check here:

If you have any dietary restrictions, please check and specify: _____

Please return the registration form and a check made payable to ESATYCB to:

Dave Pindel, *Treasurer*
Corning Community College
1 Academic Drive
Corning, NY 14830

ACCOMODATIONS:

Special conference rates are available at the Hilton Garden Inn, Watertown, NY.

1290 Washington St., Watertown, New York, 13601.

Cost per night: \$ 119.00 + tax, includes Wi-Fi - Reserve by **March 15, 2018** for conference pricing.

Phone Reservations: 315-788-1234 - Please ask for "Front Desk"

Online Reservations: [Booking Link](#)

EMPIRE STATE ASSOCIATION OF TWO YEAR COLLEGE BIOLOGISTS

2017 - 2018 MEMBERSHIP FORM

ESATYCB Annual Dues (tax deductible) are \$15.00

Please send your check, made payable to ESATYCB, to:

David Pindel, Treasurer
Biology/Chemistry Division
Corning Community College
1 Academic Drive
Corning, NY 14830-3297

Name _____ Title _____
Department _____ Date _____
Institution _____
Street Address _____
City _____ State _____ Zip _____
Work Phone (____) _____ Ext. _____ Fax _____
E-mail _____

Specific Interests:

General Biology <input type="checkbox"/>	Majors <input type="checkbox"/>	Non-majors <input type="checkbox"/>	Botany <input type="checkbox"/>
Anatomy & Physiology <input type="checkbox"/>	Human Biology <input type="checkbox"/>	Human Sexuality <input type="checkbox"/>	Field Biology <input type="checkbox"/>
Microbiology <input type="checkbox"/>	Parasitology <input type="checkbox"/>	Animal Behavior <input type="checkbox"/>	Biotechnology <input type="checkbox"/>
Genetics <input type="checkbox"/>	Embryology <input type="checkbox"/>	Evolution <input type="checkbox"/>	Aquatic Biology <input type="checkbox"/>
Ecology/Environmental <input type="checkbox"/>	Zoology <input type="checkbox"/>	Marine/Ocean. <input type="checkbox"/>	Other _____

Check appropriate line:

- Check enclosed for \$15.00 for ESATYCB dues
- Additional amount of \$ _____ enclosed for Scholarship Fund
- I am interested in serving on the ESATYCB Executive Board
- I am willing to be the ESATYCB contact person on my campus (to distribute information)
- I am also a member of NABT (National Association of Biology Teachers)

****ESATYCB distributes its fall and spring newsletters in electronic format only. However, if you wish to receive a paper copy of the newsletters, please check here .**

ESATYCB also receives \$1.00 from NABT for all people who are members of both organizations. Just send your NABT dues directly to them, and they will automatically send a rebate to ESATYCB.

In order to help us maintain an accurate membership database, please check your mailing label for errors and let us know. Please be certain we have your complete address.

Visit us on the web: www.esatycb.org. To access the "Members Only" part of the website, click on "Membership" at the top and then "Login" just below this. The username is **member** and the password is **esatycb07**.