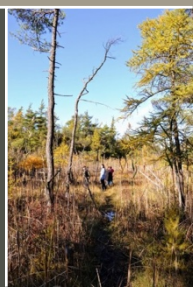
in this issue >>>

SUNY Brockport - Environmental Science & Ecology Department

Spring2020Newsletter



Department Faculty & Staff

Dr. Matthew Altenritter
Dr. Kathryn Amatangelo
Dr. Michael Chislock
Ms. Andie Graham
Dr. Courtney McDaniel
Dr. Chris Norment
Mrs. Crystal Nutty
Dr. Jacques Rinchard
Dr. Rachel Schultz
Dr. Doug Wilcox

Dr. James Haynes cutting the cake at his retirement party.

Message from the Chair

Greetings!

First and foremost, I hope this newsletter finds you well and healthy. With the COVID-19 pandemic, our day-to-day lives are changing. It will be hard, but as Governor Cuomo mentioned in his March 22 Sunday briefing, it will be okay. Information about how our College is taking precautions to mitigate the spread of COVID-19 are available at https://www.brockport.edu/coronavirus/index.html. You can also general info about the novel coronavirus at the Centers for Disease Control and Prevention website (https://www.cdc.gov). I know that I am probably repeating what you already have heard, but protect yourself, your family, and your home and stay informed with good, science-based information!

Here in our department, faculty have gone to incredible lengths to ensure that our students can complete their courses without interruption. Unfortunately, we had to cancel our Earth Day celebration scheduled for April 22. However, I would like to acknowledge all the persons who were involved in the planning of this event. As we are seeing with rapid spread of COVID-19, we are all connected and that global change (a real fact) is a challenge that must be coordinated at all levels, throughout the world. Also, we are postponing our career seminar. Christina Hoh (MS 2016) from NYS Department of Conservation and Brad Mudrzynski (BS 2008, MS 2010) from the Genesee County Soil and Water Conservation District will join us, hopefully this fall, to discuss their career pathway and how their education at Brockport prepare them to secure their job.

As all of you are aware, Dr. James Haynes retired as of December 21, 2019, after 41 years of service at the college! I would like to thank his former graduate students, his colleagues as well as our College President, Dr. Heidi Macpherson, for joining us for his retirement celebration. Jim, congratulations on your brilliant career and all the very best wishers for the next chapter of your life. Later this spring, we will be honoring Dr. Douglas Wilcox, who is retiring after 12 years of service at the College, and a longer career with the federal government.

Finally, as you will read in this newsletter, our faculty, staff, students, and alumni continue to achieve great things. Alumni don't forget to let us know what you are up to, how your careers are going, and about your families, so that we can let others know through future newsletters. Also, if you are passing by, don't hesitate to stop in and visit!

Jacques

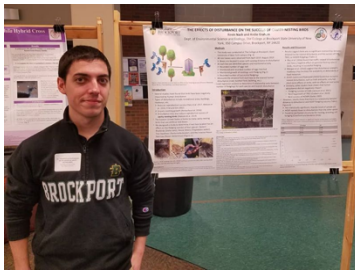
Faculty News>>>

Inside Dr. Norment's Lab

Because most creatures we study are depressed by cold weather, folks associated with Lennon 112A have been (mostly) inside, working on data and planning for the upcoming field season — or working on finishing up their theses. Among the graduate students, both Tiffany Clay (monarch butterflies) and Michelle Gianvecchio (migratory songbirds) hope to wrap up their theses in the coming months. Jess DeToy (woodland salamanders) has been busy working on her data from her first field season and gearing up for next field season, while Dawn Newman has been finalizing her study on the relationship between chytrid fungus, northern leopard frogs, and their skin microbiota. Among the undergraduates, Kati Gierlinger (eastern bluebirds) and Jacob Kearney (monarch butterflies) are finishing up their honors theses, while Jarod Ruffle has been helping Jess DeToy and thinking about his own salamander project. In the meantime, Dr. Norment has continued obsessing about Inyo Mountains salamanders.

Jessica DeToy relaxing on the job.

Inside Andie Graham's Lab



Kevin Nash presented a poster on the impacts of human disturbance on cavity nesting birds at the Rochester Academy of Science Meeting in November 2019.

Students working with Andie Graham have been busy preparing for and presenting at regional conferences. Undergraduate student Kevin Nash, who has spent the last year studying cavity nesting birds on campus, presented his work at the Rochester Academy of Science Meeting last November at Monroe Community College in Rochester. Undergraduates Max Mahoney and Aubrey Franks will present their research at the NY State Wetlands Forum Annual Conference (NYSWF) in Clayton, NY in April. Max is investigating the physical and chemical properties of soils in areas invaded by slender false-brome (*Brachypodium sylvaticum*) and Aubrey is studying the potential impacts of *B. sylvaticum* management on native vegetation. Andie will also present at the NYSWF on her wetland restoration work in Bergen Swamp and surrounding areas.

This semester, Andie is collaborating with undergraduate student and Environmental Club Vice President Bobby Howe, Dr. Jake Straub, and Chad Collins from Facilities and Planning to obtain the Tree Campus USA certification through the Arbor Day Foundation. She is also gearing up for summer field work and is still looking for some crew members. If you are interested in learning about invasive species management, or if you would like to join the Tree Campus USA certification effort, contact her at asgraham@brockport.edu or stop by 127 Lennon Hall!

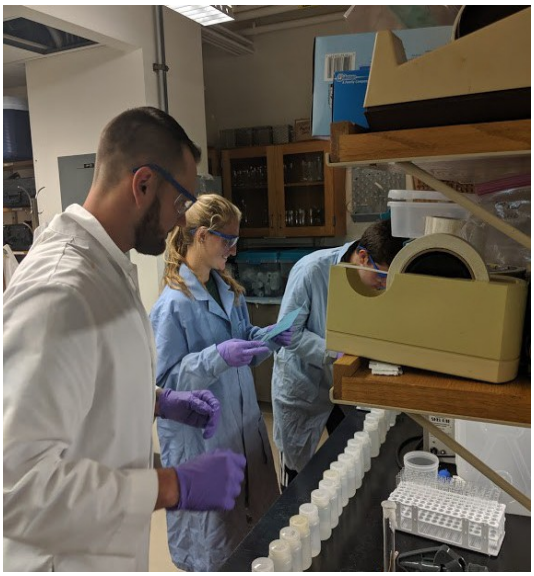
Inside Dr. Altenritter's Lab

The Altenritter lab would like to introduce its newest graduate student Kyle Morton! Kyle came to the lab from the U.S. Fish and Wildlife Service (USFWS) in Buffalo, NY where he worked with native fishes such as lake trout and lake sturgeon on the lower Niagara River and Lake Ontario. His graduate research funded by the USFWS will explore the movements of juvenile and subadult lake sturgeon in the lower Genesee River and Lake Ontario. A specific area of interest will be to determine what habitats young lake sturgeon use once they leave the Genesee River and head out into open Lake Ontario. Their movements within an open great lake remain a black box. Graduate student Kylee Wilson has entered her second semester at Brockport and will study how diversity in movement behaviors of the ever-popular yellow perch contributes to resilient fisheries. This spring, Kylee received two awards totaling $1,097 from the Great Lakes Research Consortium that will help fund her research, and that also allowed her to travel to present her proposed graduate research project at the 2020 annual meeting of the NY Chapter of the American Fisheries Society in Lake Placid, NY. Dr. Altenritter also attended the meeting with Kylee and presented a poster introducing his lab and research interests to fellow fisheries professionals from throughout NY. The lab is eager to get out on the water this spring! If you see us on the Genesee River, or the coastal wetlands near Braddock Bay, be sure to say hello!

Graduate students Kyle Morton and Kylee Wilson.

Inside Dr. Chislock's Lab

The SUNY-Brockport Limnology Lab is rapidly growing and excited to welcome its newest members, Ben Amberger, an undergraduate student who was recently accepted to the BS/MS combined program in our department; Jennifer Beideck. an undergraduate student in the aquatic/terrestrial ecology track; and Mackenzie Lynk, a first-semester transfer student from Finger Lakes Community College. We are also excited to announce that effective April 1, the lab will be certified by the New York State Department of Health's Environmental Laboratory Approval Program, which will allow us to collaborate with diverse groups across the state in water quality management and remediation efforts. This was a monumental effort that would not have been possible without the hard work of graduate students (Dan Beers, Tammy Bleier, Paige Buchholz) and undergraduate students (Ben Amberger, Kate Brown, Lillian Denecke, Belicia Nieves, Cameron Snell) who have assisted in the lab!



Limnology lab students Ryan Johnson, Olivia Douglas, and Josh Gates preparing water samples for analysis.

2019-2020 was a productive year. We published 5 peer-reviewed manuscripts. Paige finished her year-long field experiment measuring the accumulation of persistent organic contaminants (PAHs) on microplastics in Lake Ontario, tributary, and coastal wetland sites. Tammy completed Lake Ontario and tributary sampling to assess the abundance and composition of microplastics in these bodies of water. Tammy is currently working with Cornell University to identify microplastic polymer types in her samples. Both Paige and Tammy will be busy writing their theses and manuscripts during the upcoming summer. Dan Beers is finalizing his MS research proposal, focused on understanding water quality and agricultural best management practices in sub watersheds of Conesus Lake and potential effects on harmful algal blooms (HABs). We are all excited for the spring thaw and the upcoming field season!

Inside Dr. Schultz's Lab

Jarod Ruffle, undergraduate technician, out on the ice.

Graduate student, Chris Mitchell, installing a trail camera at Braddock Bay WMA to document waterfowl use of open water areas within the cattail marsh.

Graduate students Courtney Scoles and Sarah Kirkpatrick received competitive travel grants to participate in upcoming regional and international wetland meetings. Courtney received $1,400 from the Wetland Foundation and Sarah received $500 from the Mid-Atlantic Chapter of the Society of Wetland Scientists. Sarah also received a competitive external grant for student research from the Great Lakes Research Consortium for $1,000 to support her thesis research "Evaluating restoration techniques for a coastal fen on Lake Ontario degraded by *Typha* x *glauca* and shrub encroachment".

Chris Mitchell is currently conducting his thesis research looking at waterfowl use of restored areas in the Braddock Bay Wildlife Management Area, assisted by Jarod Ruffle. Kevin Killigrew is prepping for his thesis research on floating treatment wetlands starting this spring/summer.

Inside Dr. Amatangelo's Lab

Despite the cold Brockport winter students in the plant ecology lab have kept busy with indoor growth experiments and preparing for the summer field season. Graduate students Erica Mackey and Megan Aubertine have initiated growth and competition experiments on their two study species, mile-a-minute (*Persicaria perfoliata*) and slender false-brome (*Brachypodium sylvacium*), respectively. Erica will be investigating the impacts of environmental and genetic variation on mile-a-minute growth and reproduction. Her greenhouse experiment should be wrapping up just in time for the start of the summer field season! Megan's pilot project on growing slender false-brome has already shown, not surprisingly, that invasive species are a lot easier to grow than our native sedges. She will spend the summer sampling *Brachypodium* sites around western New York and collecting seeds for her full competition experiment. Meanwhile, graduate student Andrew Leonardi has stuffed hundreds of mesh windowscreen bags with *Brachypodium* litter in preparation for a multi-site decomposition experiment that will last twelve months.

Returning undergraduate student Hannah Schuler and new undergraduate researcher Elena Greco will spend the summer revisiting deer exclosure plots in our Brockport woodlot. The plots were initially set up by graduate student Kira Broz in 2015, and we have already seen substantial changes in plant growth in the intervening years. Additionally, two new projects are in the works for the upcoming year, as infestations of European dewberry (*Rubus caesius*) and Japanese angelica (*Aralia elata*) have recently been found in western New York.

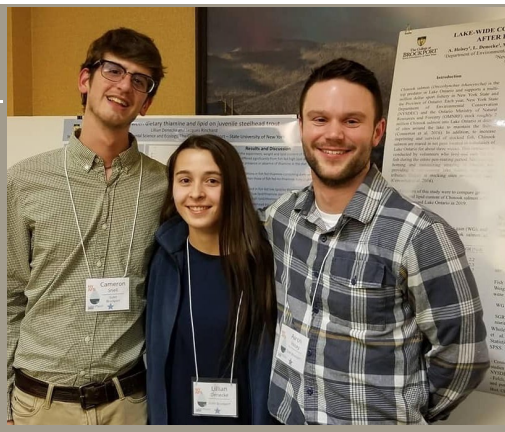
Megan Aubertine measuring Brachypodium seedlings.

Faculty News>>>

Inside Dr. Rinchard's Lab

This spring, the lab welcomed two new undergraduate students, Desmond Barber and Jarrod Ludwig. In addition to helping with the daily fish care, Desmond will conduct some research on thiamine deficiency in salmonine fish, whereas Jarrod will study the reproduction of deepwater sculpin. The other students from the lab continue to be very busy. Last fall, Cameron Snell conducted a series of experiments to evaluate if microplastics are retained in fish after consumption. This semester, he is completing his final report. Lillian Denecke is putting the final touches to her honors thesis titled "Interaction between dietary thiamine and lipid on juvenile steelhead trout". Graduate student Aaron Heisey finished the lipid analysis of Chinook salmon raised in pens along the shore of Lake Ontario, wrote his thesis proposal, completed his first-year sample collection of lake trout in Lake Ontario with the help of the USGS Lake Ontario Biology Station, and set up his experiment to evaluate if lake trout thiamine deficiency is related to a lipid-rich diet. Finally, Tom Bianchi is getting ready to defend his Master Thesis on April 10. Lillian, Cameron, and Aaron joined me in February to attend and present their research at the NY State American Fisheries Society annual meeting held in Lake Placid. The lab also published a new peer-reviewed paper on the importance of lipid content for interpreting trophic relationships within and across lakes when using fatty acid profiles.

Jarrod Ludwig.



Cameron Snell, Lillian Denecke and Aaron Heisey at the NY State American Fisheries annual meeting.

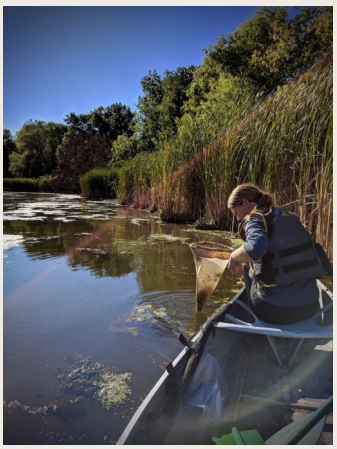
Desmond Barber.

Inside Dr. Wilcox's Lab

Although the field season was over, students were busy this winter working on wetland ecology research grants. Under the direction of Dr. Courtney McDaniel, graduate student Madelynn Edwards and undergraduate students Ryan Kirkpatrick, Kati Gierlinger, James Cusimano, and Corina McCracken worked hard identifying aquatic macroinvertebrates under the microscope for the U.S. Environmental Protection Agency (USEPA) funded-Great Lakes Coastal Wetlands Monitoring Program. Further, undergraduate Ben Amberger finished laboratory water quality analyses and data entry under the direction of Dr. Michael Chislock. While most of the field work for this project happens during the summer, there is a lot of behind-the-scenes work in the winter. Lastly, Dr. Katie Amatangelo, Dr. Matthew Altenritter, Dr. Rachel Schultz, Dr. Douglas Wilcox, and crew chief Gregory Lawrence all attended the annual project meeting in Grand Rapids, Michigan in mid-February and are gearing up for an exciting 2020 field season, the tenth full field season for the program.

Inside Dr. McDaniel's Lab

New graduate student Emelia Yost.



Madelynn sampling for invertebrates in Northrup Creek wetland.

The Aquatic Invertebrate Lab is excited to welcome Emelia Yost as our newest graduate student! Emelia comes to us from SUNY ESF. She spent last year on the water hyacinth strike team for Finger Lakes PRISM. Welcome, Emelia! Madelynn Edwards presented her thesis research at the Rochester Academy of Sciences meeting last November and continues to collect data on her project, which is looking at effects of nutrient input on bacterial growth in stream invertebrates. She will be attending the Ecological Society of America meeting in August to present her most recent results as well!

In other news, the Great Lakes Coastal Wetland Program (CWMP) is wrapping up the invertebrate identification portion of the project. We had a ton of help from several students in the department – Madelynn Edwards, Ryan Kirkpatrick, Kati Gierlinger, and James Cusimano. Thanks to them, the thousands of collected invertebrates are identified and entered into the project database.

Dr. McDaniel collecting invertebrates from Wilson Hill Wildlife Management Area (St. Lawrence River watershed).

Faculty & Students Present at the NY State American Fisheries Annual Meeting

Undergraduate students, Lillian Denecke and Cameron Snell, graduate students, Kylee Wilson and Aaron Heisey, and faculty, Dr. Matthew Altenritter and Dr. Jacques Rinchard, presented their research work at the New York Chapter of the American Fisheries Society meeting held in Lake Placid on Feb. 5-7, 2020.

Poster presentations:

Lillian Denecke (undergraduate student) — Interaction between dietary thiamine and lipid on juvenile steelhead trout. Advised by Jacques Rinchard.

Cameron Snell (undergraduate student) — Fate of microplastics in coho salmon and round goby. Advised by Jacques Rinchard.

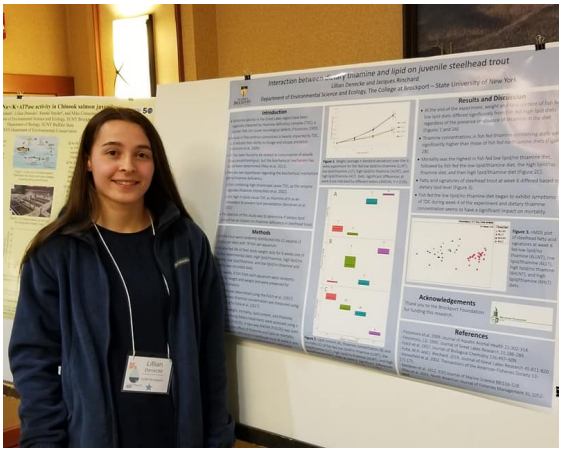
Kylee Wilson (graduate student) — Movement and life history diversity of Lake Ontario yellow perch. Advised by Matthew Altenritter.

Aaron Heisey (graduate student) — Lake-wide comparison of Chinook salmon condition after pen-rearing in Lake Ontario. Advised by Jacques Rinchard.

Dr. Matthew Altenritter — New laboratory introduction: movement variability and ecological resilience (MOVER)

Dr. Jacques Rinchard — Change in gill Na+/K+ ATPase activity in Chinook salmon juveniles.

Kylee Wilson, Cameron Snell and Aaron Heisey at the meeting.



Undergraduate student, Lillian Denecke, presenting her poster.

Advocating for the Great Lakes

On March 4-5, Research Scientist Greg Lawrence joined partners at Audubon New York, Ducks Unlimited, and Citizens Campaign for the Environment at Great Lakes Day on Capitol Hill to advocate for increased funding for the Great Lakes Restoration Initiative (GLRI), clean water, drinking water infrastructure, and invasive species prevention. Since 2010, GLRI funding has supported countless graduate and undergraduate students in the Department of Environmental Science & Ecology.

Research Scientist, Greg Lawrence, with partners from New York Audubon, Ducks Unlimited and Citizens, campaign for the environment on Capitol Hill.

Alumni & Student News>>>

Natalie Pilakouta (BS 2010)

After graduating from The College at Brockport, Natalie (a native of Cyprus), went on to obtain her doctorate in 2017 from the Institute for Evolutionary Biology at the University of Edinburgh. She then became a postdoctoral researcher at the University of Glasgow, before accepting her current position as a lecturer (equivalent of assistant professor in the U.S. system) at the University of Aberdeen, UK. Natalie writes that "I am an evolutionary biologist interested in how environmental change alters animal behaviour and whether animal behaviour can aid or hinder adaptation to environmental change." She is enjoying living and working in Scotland, although the long winter nights are, well, a bit long. Natalie also says that she thinks about her time in Brockport with great fondness.

Natalie doing fieldwork in Iceland.

Cameron Snell: Study Abroad

Cameron Snell (Senior), scuba diving in Roatan, Honduras.

In the last week of December I left New York City to complete a three week long study abroad program in Roatan, Honduras. The program was run through SUNY Purchase and was primarily focused on coral reef ecology. Once at the resort in Roatan the class was mostly based on scuba diving, 2-3 dives in the morning, and short classes before dinner. A small project was conducted the last week of the trip after learning proper techniques the first two weeks. We were also able to do a dolphin training exercise where we got one on one time with our dolphin, named Dori. The dives were approximately 45 minutes each depending on depth, the reef is one of healthiest chunks of Mesoamerican reef left. Some of the larger grouper species would even let you pet them, of course, others ran at the sight of you. There were plenty of octopus at night! I conducted my research project on a comparison of the benthic communities of sand vs rubble patches within reefs. Most benthic life in these areas were shells and hermit crabs, brittle stars were also plentiful in the rubble zones. Finally, to end the trip we were able to visit a coral nursery and outplant two endangered coral species as well as do a plastic trash cleanup. It was an incredible trip and I recommend that anyone with ecological interest look into this trip!

Bradley Mudrzynski (BS 2008; MS 2010)

I entered the Environmental Science and Biology Department as a freshman in the fall of 2004 and was part of the department in some fashion until 2018. Upon completing my masters in 2010, I started working as a research scientist with Dr. Wilcox in the wetland ecology lab. During this time I helped to coordinate many projects that went through his lab, most notably the first seven years of the coastal wetland monitoring program. I was fortunate enough to teach as an adjunct professor four times during my time as an employee; three times for introductory ecology and once for wildlife ecology. Teaching was truly enjoyable for me and I enjoyed meeting the many students that passed through the program.

After a brief stint in private consulting, I have recently started as the district manager for the Genesee County Soil and Water Conservation District. This job has many challenges and I'm still learning every day. The most enjoyable aspect is that districts such as ours work with private landowners to reduce their impact on our land. Genesee County has considerable amounts of agricultural land and we work every day to reduce erosion, prevent nutrient inputs into streams, educate the public about invasive species, and try to improve our watersheds any way possible. One particular area I am pushing hard for is forested buffer establishment and floodplain restoration, which I view as one of the best practices that can be implemented in our watersheds. The Environmental Science department is a hidden gem within The College at Brockport, and I look back upon my tenure there fondly. Faculty and staff are determined and committed to teaching, and the students were very passionate about the land. These positive experiences readied me for the future and help me in my job every day.

Brad with a turtle.

Megan Casler (BS 2017)

My name is Megan Casler. I am a 2017 graduate of the Environmental Science & Ecology Bachelor's program, with a combined aquatic and terrestrial focus. Upon starting at Brockport I was unsure of where my path lay ahead but I quickly found excitement in the ENV department, particularly any lab that required outings in the field measuring and collecting data.

My sophomore year I was looking for a way to acquire some experience with field research and applied to work for, then graduate student, Greg Lawrence's thesis research project studying the habitat use of grassland birds. I worked on that project for both years, 2015 and 2016, up in the St. Lawrence seaway. I learned all about songbirds of the Northeast, plants and invertebrates, and various data collection methods. The summer of 2016 I was also able to work on a project for Finger Lakes PRISM performing a survey for aquatic invasive species, *Hydrilla verticillata.* I later used this data to complete my honors thesis in the spring of 2017. I continued working with Brockport after graduation as a member of the plant crew for the Great Lakes Coastal Wetlands Monitoring Program. This was an incredibly fun opportunity to learn about the various compositions of coastal wetland, work on a great crew, and contribute to an important long-term data set. I stayed in brockport a couple extra weeks after the completion of that project to assist with monitoring of restored FWS wetland sites in Braddock Bay.

After finally leaving Brockport I wasn't sure where I was headed academically and spent a fantastic summer with the SCA and Americorps Adirondack Corps program, performing conservation work through trailwork. The next season I realized I wanted to return to field research and spent another SCA and Americorps term with the Huron, SD FWS Wetland Management District as a Biological Monitoring and Habitat Improvement Intern. There I performed waterfowl surveys, aerial reconnaissance, weed treatment, and some land management tasks. This position ended mid-summer, so I returned to trailwork with a fall member position with Montana Conservation Corps in the Northern Rockies.

I'm very excited to start a new position this spring with the Rocky Mountain Research Station as a member of the grasslands, shrublands, desert plant field research team. There I will be working to complete an ongoing common garden study of shrubland ecosystems of Oregon, Idaho, Nevada and Utah aimed at improving the success of restoration efforts. As always, I am eager to see what I can learn from this position, and to see which direction it will send me towards next. I am very much so in the early stages of my journey, but this is where my beginnings at Brockport have carried me so far.

Megan visiting Mammoth Hotsprings, Yellowstone on her way home from Montana Conservation Corps.

Megan loaded up for her Avalanche Pass hitch with the ADK Corps, Summer 2018.

Alex with his dog.

Alex Czayka (MS 2012)

After graduating from The College at Brockport, Alex (a native of Ohio), went on to work for USGS, TNC and ultimately landed at the Western Reserve Land Conservancy in NE Ohio. Alex currently holds the position of Sr. VP for Conservation Transactions, where he leads a team of conservationists to secure conservation easements, acquire properties, and identify and fund large scale restoration projects.

Alex attained a Master's in Wetland Ecology from The College of Brockport under the supervision of Dr. Doug Wilcox. Alex is grateful for the experience and education from Brockport and the leadership of Dr.Wilcox.

Payton with a fish she caught.

Payton Hanssen (BS 2018)

I graduated in the spring of 2018. Since then I've worked for the Costal Wetland monitoring project, WNY PRISM and my current position as a creel technician for the NYSDEC. Going to Brockport gave me the skills and knowledge that would directly help me in the work force. I loved Brockport and thought the environmental science program was great, especially with getting hands on experience.

Alumni & Student News>>>

Zac Falconer (BS 2019)

Company: The Chazen Companies – Troy, NY

Job Title: Assistant Environmental Scientist – start date 3/23/20

Job Description: Wetland delineations and permitting, field sampling, field documentation of environmental compliance activities in remote areas including forested lands and utility rights-of-way, Endangered, Threatened and Rare species studies and reporting, and a range of aquatic services; including repairing or improving stream connectivity issues, removing dams, and restoration of channel designs.

Brockport: SUNY Brockport prepared me for my career with intensive hands-on training, both in and out the classroom. The many extracurricular activities, whether it be research or volunteering opportunities gave me real world experience working in a natural resource setting. The faculty working in the department never hesitated to offer extra help or reexplain concepts that students may be struggling with. Getting involved in the classroom by asking questions and getting to know my professors helped them help me. They were able to cater to my interests and inform me of opportunities that I was not aware of that helped hone my skills in the field.

Zac out in the field.

Katelyn sampling on a boat.

Congratulations Katelyn Brown!

Katelyn Brown, a student in the Environmental Chemical Analysis track, was accepted into the MS program in the Department of Biological Sciences at Bowling Green State University, where she will be studying harmful algal blooms (HABs) in Lake Erie.

Nick Farese (BS 2017)

I graduated from SUNY Brockport in the fall of 2017 with my bachelor's in Environmental Science. Since graduating I have been a Fish and Wildlife Technician I with the New York State Department of Environmental Conservation. I work within the Bureau of Fisheries' Lake Ontario Unit out of the Cape Vincent Office. The first year I was hired as a boat technician on the Research Vessel Seth Green, where I worked with biologists to collect samples from the shores of Lake Ontario using bottom trawls. During this time I also assisted with the sampling of stream studies using boat electrofishing, trap-nets and gillnets.

The following year I was brought back with the additional responsibility of aiding with the Lake Ontario Angler Survey. With this new focus I had a more specific focus on data management, collection, and processing working on both current data and historical data for consistency and ease of analysis.

My time at SUNY Brockport gave me a foundational knowledge that has served me well. Many of the sampling and data handling methods that I use every day I learned at Brockport, specifically within Dr. Rinchard's Lab. I was fortunate, while within the Department of Environmental Science and Ecology, to have great networking opportunities, which culminated into working relationships I maintain to this day.

Awards>>>

2019-2020 Department Awards

Department Scholar Award: Lillian Denecke
Damann Award: Katelyn Brown and Lillian Denecke
Terrestrial Award: Jacob Kearney

Department award recipients Jacob Kearney, Katelyn Brown and Lillian Denecke.

2019-2020 SUNY Brockport Student Travel Grants

- Lillian Denecke, Aaron Heisey, Cameron Snell, and Kylee Wilson to attend the New York Chapter of the American Fisheries Society meeting held in Lake Placid, NY.
- Aubrey Franks, Kevin Killigrew, Sarah Kirkpatrick, Max Mahoney, and Courtney Scoles to present at the NY State Wetlands Forum Conference in Clayton, NY.
- Kevin Nash to present at the NY Chapter of the Wildlife Society Meeting in Fayettville, NY.

2019-2020 Environmental Science and Ecology Graduate Student Fund ($250)

Tammy Bleier
Madelynn Edwards
Andrew Leonardi
Dawn Newman
Paige Buchholz
Aaron Heisey
Erica Mackey
Kylee Wilson
Jessica DeToy
Kevin Killigrew
Christopher Mitchell

2019-2020 Distinguished Professor Graduate Student Research Award

Daniel Beers
Christopher Mitchell
Aaron Heisey
Dawn Newman
Sarah Kirkpatrick

2020 Summer Undergraduate Research Program Award Recipients

Bennett Amberger
Jacob Bensley
Jarrod Ludwig
Desmond Barber
Hayley Brown
Mackenzie Lynk
Jennifer Beideck
Hanna Buehler

2020 James and Carol Haynes Undergraduate Research Award

Hannah Schuler

2019-2020 Great Lakes Research Consortium Grant to Support Research Programs ($1000)

Sarah Kirkpatrick
Kylee Wilson

2019-2020 Great Lakes Research Consortium Student Travel Award ($100)

Katelyn Brown
Lillian Denecke

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SUNY Brockport Webpage
https://www.brockport.edu/academics/environmental_science/

Instagram
suny_brockport_env_sci

Department Website
https://sunybrockportenv.weebly.com/

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Attention, Environmental Science & Ecology alumni! We want to hear from you!

You can email your news to Crystal Nutty at *cnutty@brockport.edu*, or fill out the online form at https://forms.brockport.edu/view.php?id=3286246

Support the Department of Environmental Science & Ecology

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Signature *(required)* _____

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Thank You!

(Cut Here)

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