

STEVEN J. KELL, MSc

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SKILLS AND CERTIFICATIONS

- Strong Understanding of Photography and Cinematography
- Video Sequence Work (Long Lens, Macro, Wide)
- Editing Skills using Premiere Pro
- Experience with DSLRs and Cinema Cameras including RED cameras
- Public Speaking, Outreach, Science Communication
- Wildlife Monitoring, Specializing in Herpetofauna
- Experience working with First Nation Communities
- Research Development and Project Creation
- Wilderness, Camping, Naturalist Skills and Expertise
- Wildlife Set Building

EDUCATION

- **Master's of Science in Biology, Laurentian University** (2018) 1) Nesting in close quarters: Causes and benefits of high density in painted turtles. 2) Quantifying road effects on painted and snapping turtle population demographics. (Supervised by Dr. Jacqueline D. Litzgus).
- **Bachelor of Science in Wildlife Biology and Conservation, University of Guelph** (2013-2016) 1) Nest fidelity, search time, and nest predation in painted turtles (supervised by Dr. Jacqueline D. Litzgus and Dr. John Fryxell) 2) Styrofoam biodegradation and consumption rate in *Tenebrionidae*. (Supervised by Dr. Ryan Norris)

WORK EXPERIENCE: Film

- **Great Lakes Untamed** - 2021
Sequence Work, Set Design and Creation, Researcher
- **CBC's Hello Spring** - 2020
Sequence Work
- **Tiny World - Plimsoll Productions** - 2019
Camera Assistant (Sequence Work); Set Design and Creation
- **CBC's Wild Canadian Weather: Sun** - 2019
Camera Assistant (Sequence Work); Set Design and Creation
- **Tracking Ghosts** -2019
Independent Film
- **International Wildlife Film Festival LABS** – 2019
LABS Fellow
- **Canada: A Year in the Wild (Channel 5, Tigress)** - 2018
Second Assistant Camera; Set Designer; Grip; Animal Handler
- **International Wildlife Film Festival** – 2018
Daytime Sessions Intern
- **CBC's Wild Canadian Year: Spring** -2017

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- Second Assistant Camera; Grip; Animal Handler
 - **CBC's Wild Canadian Year: Spring -2016**
Second Assistant Camera; Grip; Animal Handler
 - **Discovery's Daily Planet – 2015**
Animal Handler, Talent

WORK EXPERIENCE: Biology

- **Shawanaga First Nation – 2019 to present**
Species-at-Risk Biologist and Program Coordinator
- **Magnetawan First Nation – 2018**
Head Field Technician
- **Skelton and Brumwell – 2018**
Emerald Ash Borer Tree Inventory Technician
- **Painted and Snapping Turtle Life History Research Project - 2013-2018**
Project Lead (2015-2018); Field Technician (2013-2014)
- **Bat Lake Inventory of Spotted Salamanders (BLISS) Project - 2013-2018**
Field Technician
- **Scales Nature Park - 2013**
Educator and Husbandry Assistant

VOLUNTEER EXPERIENCE

- **Skelton and Brumwell – Bat and Massasauga monitoring, 2018**
- **Magnetawan First Nation – Wetland surveying, 2018**
- **Bird Studies Canada - Nocturnal Owl Survey, 2018**
- **Salamander Workshop - Workshop Leader, 2015-2017**
- **Our Incredible World Series – Guide and set help, 2017**
- **Algonquin Small Mammal Project -Field research assistant, 2013-2017**
- **Algonquin Gray Jay Research - Field research assistant, 2013, 2015-17**
- **CBC's Wild Canadian Year - Set help, guide, second assistance camera, 2015-2016**
- **Chickadee Monitoring Project - Assistant bird bander, 2016**
- **University of Guelph Wildlife Club - Co-president, 2014-2016**
- **Algonquin Species at Risk Project - Field research assistant, 2015**
- **Evolutionary and Behavioral Ecology of Mammals - Field research assistant, 2013-2016**
- **Amphibian Behaviour Research Assistant - Dr. Fred Laberge's Lab, 2014-2015**
- **Amphibian Monitoring - Field assistant, North-South Environmental Inc., ON 2014-2015**
- **Genetic Analysis Research Assistant - Dr. Jinzhong Fu's Lab, 2013-2014**

SCIENTIFIC PRESENTATION

- **Kell, S., Brooks, R., and J Litzgus. Nesting in close quarters: causes and benefits of high density nesting in painted turtles.**
 - (Oral), Research Week, Laurentian University, Ontario 2018
 - **Runner-up Best Oral Presentation**
 - (Oral), 3 Minute Thesis, Laurentian University, Ontario 2018

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- (Poster), Canadian Herpetology Society, Brandon, MB 2017
 - **Won Best Overall Poster**
 - (Poster), Turtle Survival Alliance, South Carolina 2017
 - **Won Best Overall Poster**

PUBLICATIONS

- Moldowan, P. D., Keevil, M. G., **Kell, S.**, Brooks, R. J., Litzgus, J. D. (2015). Anti-predator defenses of brown bullheads (*Ameiurus nebulosus*) and interactions with snapping turtles (*Chelydra serpentina*). *The Canadian Field-Naturalist*. 129: 189-193.
- Gallagher, N., Avey, S., Crawford, K., Jurkiewicz, C., **Kell, S.**, Lavin, A., Navaratnam, M., Sunga, J., Yin-Liao, I., F. Laberge. (2017). Water balance, motivation, and maze performance in the fire-bellied toad, *Bombina orientalis*. *Zoological Letters*. (IN REVIEW).
- **Kell, S.**, Black, R., Wynia, T., Brooks, R., and J. Litzgus. (2018). Predation of Snapping Turtle (*Chelydra serpentina*) nest by American Black Bear (*Ursus americanus*). *The Canadian Field-Naturalist*. (READY TO SUBMIT).
- **Kell, S.**, Wynia, T., and J. Litzgus. (2018). Melanistic garter snakes observed at a cold, high elevation site in Algonquin Park, ON. *The Canadian Field-Naturalist* (READY TO SUBMIT)
- **Kell, S.**, Moldowan, P., Brooks, R., and J. Litzgus. (2018). Shellebrating another great season: Long-term turtle study update 2017. Algonquin Wildlife Research Station Research Report.
- **Kell, S.**, Brooks, R., and J. Litzgus. (2018). Nesting in close quarters: causes and benefits of high density nesting in painted turtles. Laurentian University, Sudbury, Canada.

AWARDS, SCHOLARSHIPS and FUNDING

- Canada Nature Fund – Target 1 Challenge - \$1,000,000 (2019-2022)
- TD Friends of the Environment - \$2000 (2019-2020)
- AFSAR -Aquatic (Shawanaga First Nation) - \$260,000 (2019-2021)
- AFSAR – Terrestrial (Shawanaga First Nation) - \$200,000 (2018-2020)
- Barrie Subaru Research Scholarship - \$40,000 (2017-2018)
- Runner-up Best Student Oral Presentation Laurentian Research Week (2018)
- Best Graduate Research Video (2017)
- Best Student Poster Presentation Award at the Canadian Herpetological Society (2017)
- Student Travel Award for the Canadian Herpetological Society (2017)
- Best Student Poster Presentation Award at the Turtle Survival Alliance (2017)
- Student Travel Award for the Turtle Survival Alliance Conference (2017)
- Laurentian Science Communication Eagle Awards - *Best Science Host, Most Entertaining, People's Choice Award* (2017)
- Esri GIS Scholarship - \$10,000 (2017)
- Sudbury Fish and Game Scholarship - \$1,000 (2017)
- Brian McKee Award - \$1,000 (2017)
- NSERC Graduate Incentive Fund - \$1,250 (2016)
- Entrance Scholarship - \$5,000 (2016)

MEMBERSHIPS AND GROUP INVOLVEMENT

- Canadian Herpetological Society
- Society for the Study of Amphibians and Reptiles
- Canadian Herpetological Society Conservation Group
- IUCN SSC Amphibian Specialist Group
- Canadian Section of the Wildlife Society
- Ontario Nature Youth Council

REFERENCES

Dr. Jacqueline D. Litzgus

Full Professor - Laurentian University
jlitzgus@laurentian.ca

Patrick Moldowan

PhD Candidate - University of Toronto
pmoldowan1@laurentian.ca

Cory Kozmik

Species at Risk Biologist - Magnetawan First Nation
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