

# STEVEN J. KELL, MSc

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[www.stevenkell.com](http://www.stevenkell.com)

## SKILLS AND CERTIFICATIONS

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

## EDUCATION

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- **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

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- **Mammals (BBC) -2022**  
Assistant Camera
- **Great Lakes Untamed (Smithsonian Channel, TVO, Terra Mater) - 2021**  
Sequence Work, Set Design and Creation, Researcher
- **Hello Spring (CBC) - 2020**  
Sequence Work
- **Tiny World - Plimsoll Productions (Apple TV)- 2019**  
Camera Assistant (Sequence Work); Set Design and Creation
- **Wild Canadian Weather: Sun (CBC) - 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**

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Daytime Sessions Intern

- **Wild Canadian Year: Spring (CBC) -2017**  
Second Assistant Camera; Grip; Animal Handler
- **Wild Canadian Year: Spring (CBC) -2016**  
Second Assistant Camera; Grip; Animal Handler
- **Daily Planet (Discovery Channel) – 2015**  
Animal Handler, Talent

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#### **WORK EXPERIENCE: Biology**

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- **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

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#### **VOLUNTEER EXPERIENCE**

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- **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**

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#### **SCIENTIFIC PRESENTATION**

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- **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

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- **Runner-up Best Oral Presentation**
  - (Oral), 3 Minute Thesis, Laurentian University, Ontario 2018
  - (Poster), Canadian Herpetology Society, Brandon, MB 2017
  - **Won Best Overall Poster**
  - (Poster), Turtle Survival Alliance, South Carolina 2017
  - **Won Best Overall Poster**

## PUBLICATIONS

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- **Kell, S.**, Rollinson, N., Brooks, R., and J. Litzgus. (2022). Nesting in close quarters: causes and benefits of high density nesting behaviour in painted turtles. *Canadian Journal of Zoology*. <https://doi.org/10.1139/cjz-2021-0159>
- Canada. 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.

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## AWARDS, SCHOLARSHIPS and FUNDING

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- 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)

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#### **MEMBERSHIPS AND GROUP INVOLVEMENT**

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- 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

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#### **REFERENCES**

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**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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