

Imran Razik

Email: razik.2@osu.edu

Website: <https://imranrazik.github.io/>

Education

The Ohio State University, Columbus, OH, USA

Ph.D. Candidate in Evolution, Ecology, and Organismal Biology. 2018 - present.

Dissertation advisor: Dr. Gerald Carter

State University of New York College at Oswego, Oswego, NY, USA

B.Sc. in Zoology, Honors, *Summa cum laude*. 2014 - 2018.

Research advisors: Dr. Julien Bachelier and Dr. Maria Sagot

Publications

Yarlagadda K., **Razik, I.**, Malhi, R.S., and Carter G.G. 2021. Social convergence of gut microbiomes in vampire bats. *Biology Letters*, 17: 20210389. [Full text](#).

Razik, I., Brown, B.K.G., Page, R.A., and Carter, G.G. 2021. Non-kin adoption in the common vampire bat. *Royal Society Open Science*, 8: 201927. [Full text](#).

- Press: [New Scientist](#), [Ohio State University News](#), [Smithsonian Magazine](#), [Forbes](#), [EcoWatch](#), [IFLScience](#), [Treehugger](#), [Top 5% of research outputs scored by Altmetric](#).

Razik, I. and Sagot, M. 2020. Vertebrate species richness at littoral beaver lodges in a temperate artificial pond. *Journal of Fish and Wildlife Management*. [Full text](#).

Bachelier, J., **Razik, I.**, Schauer, M., and Seago, J.L., Jr. 2020. Roots structure and development of *Austrobaileya scandens* (Austrobaileyaceae) and implications for their evolution in angiosperms. *Plants*, 9: 54. [Full text](#).

Macchiano, A., **Razik, I.**, and Sagot, M. 2018. Same sex courtship behaviors in male-biased populations: Evidence for the mistaken identity hypothesis. *Acta Ethologica*, 21: 147-151. [Full text](#).

Sagot, M., Jago, A.J., **Razik, I.**, and Chaverri, G. 2018. The importance of group vocal behavior in roost finding. *Animal Behavior*, 142: 157-164. [Full text](#).

Book Chapters

Carter, G., Brown, B., **Razik, I.**, and Ripperger, S. 2021. Penguins, falcons, and mountain lions: the extraordinary host diversity of vampire bats. In: 50 Years of Bat Research. Foundations and New Frontiers: Fascinating Life Sciences. Springer. [Book chapter](#).

Carter, G., Chen, T., and **Razik, I.** 2020. The Theory of Reciprocal Altruism. In: The SAGE Handbook of Evolutionary Psychology (ed: Shackelford, T.). Sage. [Book chapter](#).

Conference Presentations

Razik, I., Brown, B.K.G., Page, R.A., and Carter, G.G. Aug. 2021. Forced association induces new cooperative relationships in female vampire bats. Animal Behavior Society annual meeting. Oral.

Razik, I., Brown, B.K.G., Page, R.A., and Carter, G.G. March 2021. Non-kin adoption in the common vampire bat. Animal Behavior Conference. Center for the Integrative Study of Animal Behavior, Indiana University, Indiana. United States. Oral.

Razik, I., Brown, B.K.G., Marroquin, C.M., and Carter, G.G. Oct. 2019. Female Vampire Bats Vary in their Cooperativeness Towards Strangers. North American Symposium on Bat Research. Kalamazoo, Michigan. United States. Poster.

Razik, I. and Sagot, M. April 2018. Effects of seasonality on the foraging patterns of the North American beaver, *Castor canadensis*. QUEST Symposium. State University of New York College at Oswego, Oswego, New York. United States. Oral. *Sigma Xi - QUEST Award for outstanding presentation.*

Sagot, M., Jago, A.J., **Razik, I.**, and Chaverri, G. Oct. 2016. Being Loud Won't Help You Find Your House: Contact-call Rates and Roost Finding in *Thyroptera tricolor*. North American Symposium on Bat Research. San Antonio, Texas. United States. Poster.

Bachelier, J., **Razik, I.**, Sanchez, F., and Seago, J.L. July 2015. The root of *Austrobaileya scandens* (Austrobaileyaceae) and its implications for the evolution of root structure and development in seed plants. Botany Annual Conference. Edmonton, Alberta. Canada. Oral.

Seago, J.L., Yang, C., Zhang, X., Bachelier, J., Yuan, L., Ai, X., and **Razik, I.** July 2015. Anatomical Aspects of Nymphaeales That Ed Schneider Did Not Do – Mostly Under Water. Botany Annual Conference. Edmonton, Alberta. Canada. Colloquium.

Invited Talks

Razik, I. March 2021. Insights from tracking the development of new cooperative relationships in vampire bats. Behavior Discussion Group. Smithsonian Tropical Research Institute, Panama.

Grants and Fellowships

2020 Grant-in-aid of research, American Society of Mammalogists (\$1,500)
2020 Field research grant, Tinker Foundation (\$1,200)
2019 Graduate student research grant, Animal Behavior Society (\$1,500)
2019 Short-term fellowship, Smithsonian Tropical Research Institute (\$1,000)
2018 Graduate enrichment fellowship, OSU Graduate School (\$25,800)
2017 Rice Creek small grant, Rice Creek Field Station at SUNY Oswego (\$1,250)
2017 Student science research grant, Rochester Academy of Science (\$100)
2016 Travel grant, RISE Office at SUNY Oswego (\$250)

Awards and Scholarships

2018 Outstanding zoology senior award, Biological Sciences at SUNY Oswego (\$425)
2015 McGill-Peterson honors program award, Honors Program at SUNY Oswego (\$1,425)
2014 Presidential scholarship, SUNY Oswego (\$18,800)
2014 NYS scholarship for academic excellence, NYS HESC (\$2,000)

Teaching Experience

2021 TA - Climate Change: Mechanisms, Impacts, and Mitigation, OSU
2021 TA - Human Anatomy, OSU

2020 TA - Neurobiology of Behavior, OSU
2020 TA - Human Biology, OSU
2017 TA - Mammalogy, SUNY Oswego
2016 TA - Mammalogy, SUNY Oswego

Outreach and Public Service

- Ecology on Tap, Columbus, OH
 - Gave public talk about bats. Nov. 2021.
- Franklinton Farms, Columbus, OH
 - Fall festival – educated visitors about bats. Nov. 2021.
- Community School District 32, Brooklyn, NY
 - Virtual STEAM career fair for elementary students. June 2021.
- Smithsonian Tropical Research Institute, Gamboa, Panama
 - Tours for visiting donors (3). Summer 2019.
 - Monthly *Bat Night*. June 2019 - Oct. 2019.
- Museum of Biological Diversity, The Ohio State University, Columbus, OH
 - Open House (3,000+ visitors). March 2019.
- Rice Creek Field Station, SUNY Oswego, Oswego, NY
 - STEP Program - LeMoyne College Rice Creek/Planetarium Visit. March 2018.
 - Presented undergraduate thesis to public audience at annual social event. Nov. 2017.

Professional Development

Attended workshop *I'm teaching but is it working? Basics of assessing instructional design and redesign*. Michael V. Drake Institute for Teaching and Learning, The Ohio State University, Columbus, OH. Aug. 2021.

Attended workshop *Cultivating an inclusive environment: recognizing and responding to unconscious bias*. Office of Equity and Inclusion, The Ohio State University, Columbus, OH. Jan. 2020.

Professional Memberships

North American Society for Bat Research. 2016 – Present.
Animal Behavior Society. 2018 – Present.
American Society of Mammalogists. 2020 – Present.